



What wing surveys can tell us

Waterfowlers' Network Webinar

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What is a wing survey?

- Wings from different huntable birds voluntarily collected by hunters.
- The wings provide information about age – and for some species also sex.
 - Knowledge about population development.
- Wing surveys adds nuances to harvest reports.



Photo: Søren Vendelbo

The 2nd International Wing Survey Report

- Information from:
 - Sweden
 - Denmark
 - United Kingdom
 - Ireland
- Information about:
 - Wigeon
 - Teal
 - Greylag goose
 - Mallard



- Sweden
Swedish Association for
Hunting and Wildlife
Management
- Denmark
Aarhus University
- United Kingdom
BASC
- Ireland
NARGC
- and more to come...

	SWEDEN	DENMARK	UNITED KINGDOM	IRELAND	TOTAL
GREYLAG GOOSE	1010	1090	39	N/A	2139
TEAL	352	4261	794	197	5604
WIGEON	169	4763	1117	118	6167
MALLARD	490	4433	402	N/A	5325
TOTAL	2021	14547	2352	315	19325



Photo: Søren Vendelbo

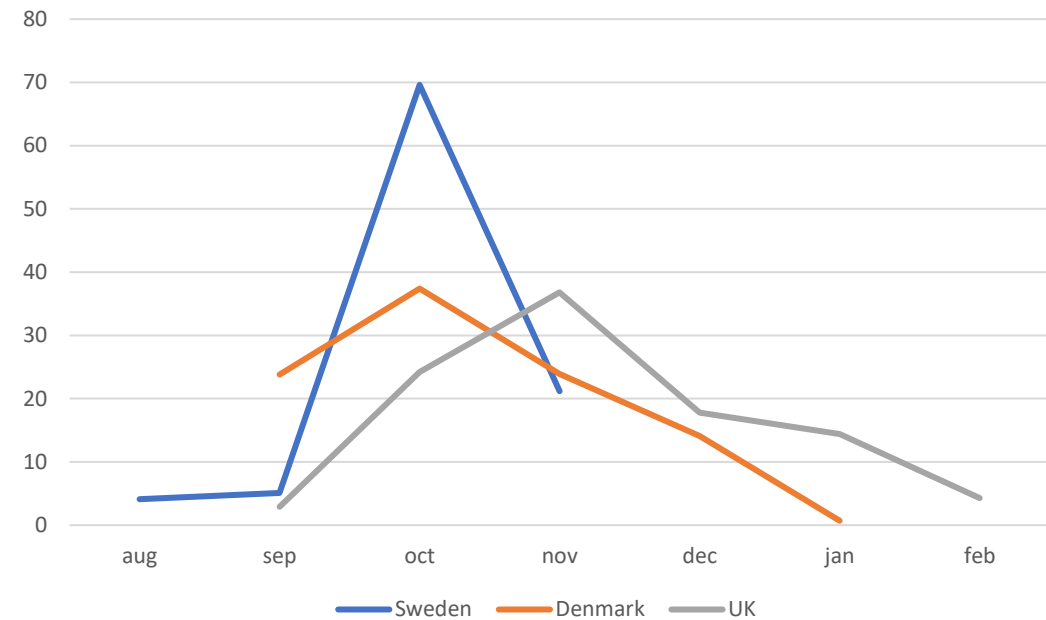
Some results from last season



Photo: Claus Lind Christensen



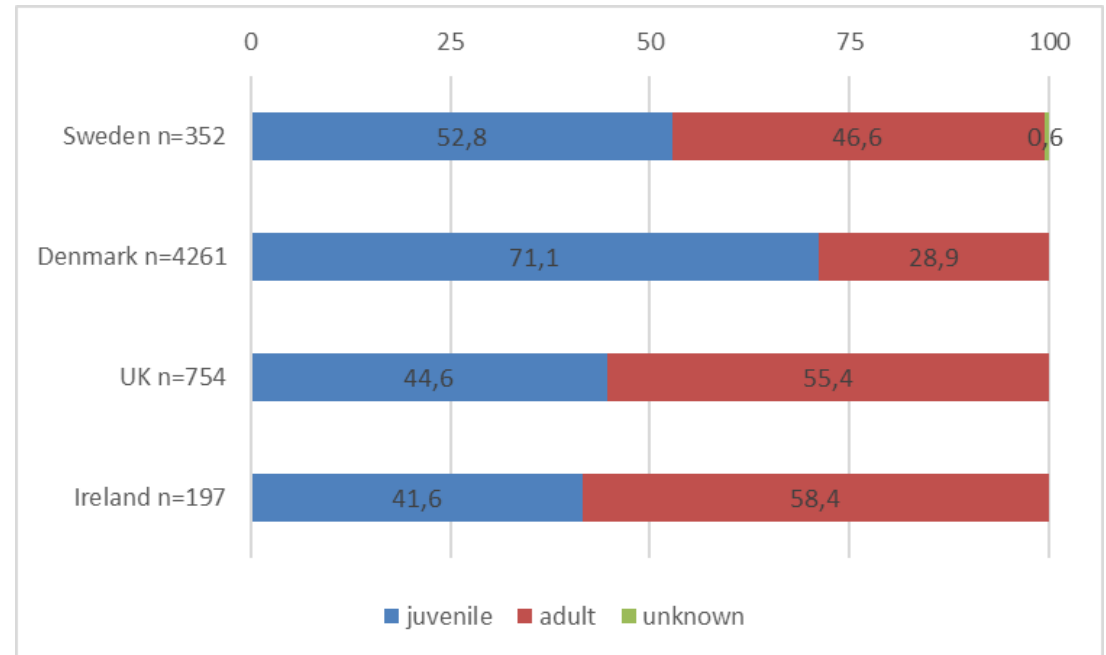
Photos: Flemming Højer



*The distribution of harvested teal throughout the hunting season
Sweden n=217, Denmark n=4261, UK n= 794*

Age ratio

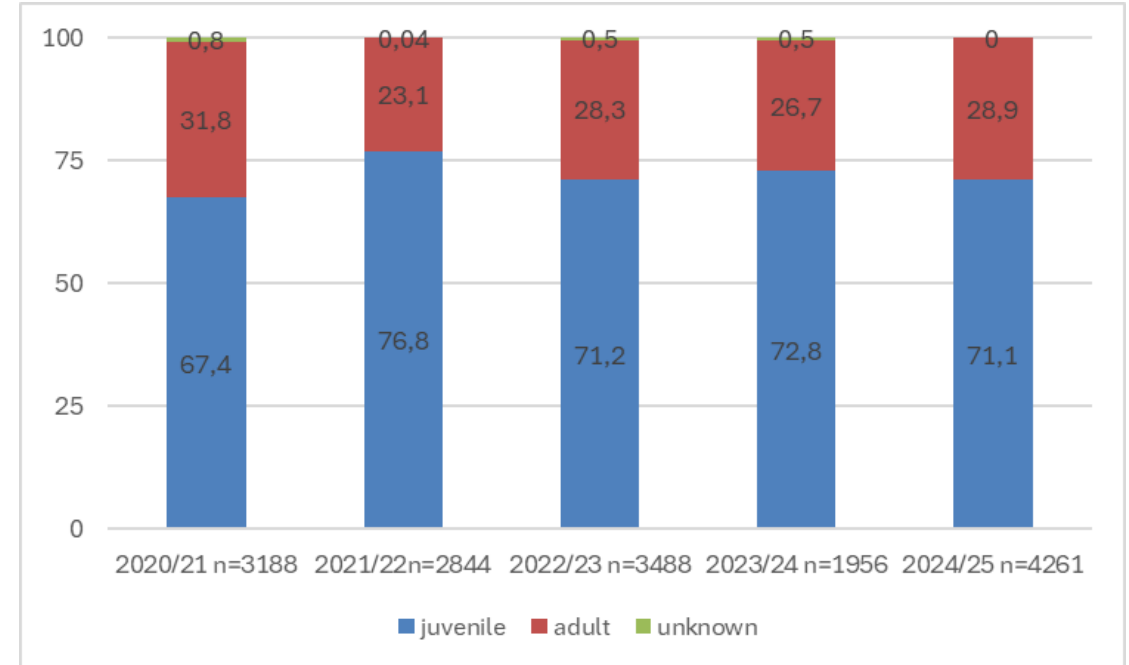
The age distribution of harvested ducks indicates population productivity and whether hunting pressure is sustainable.



The percentage distribution of juvenile and adult harvested teals in the four countries.

Age ratio

The age distribution of harvested ducks indicates population productivity and whether hunting pressure is sustainable.

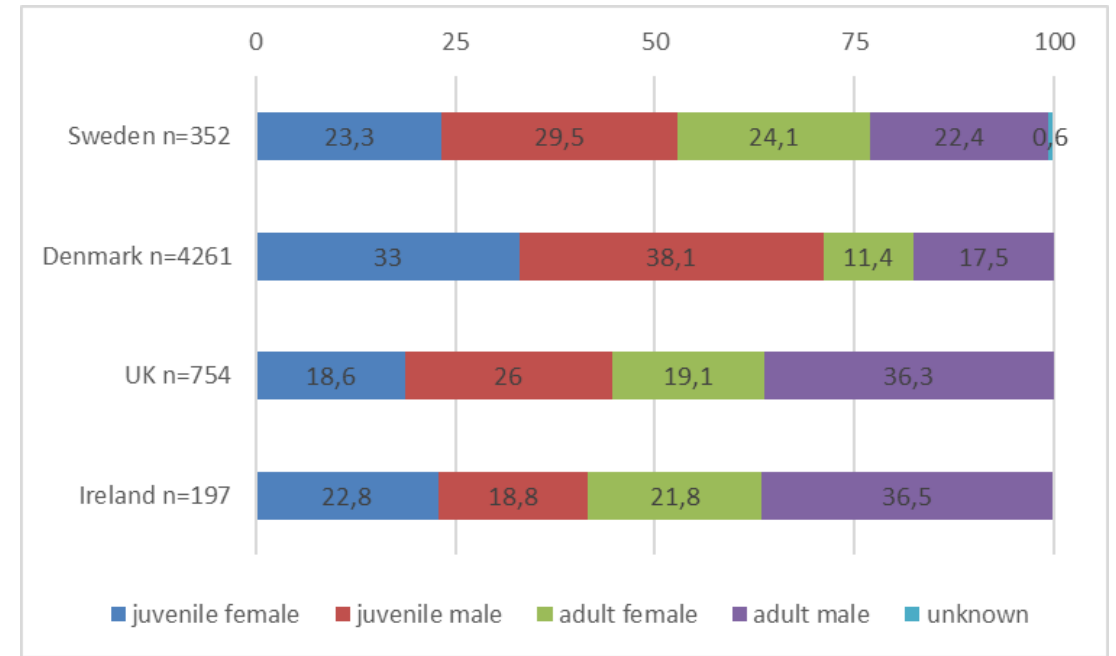


The percentage distribution of juvenile and adult harvested teals in Denmark, from the last five hunting seasons.

Age and sex ratio

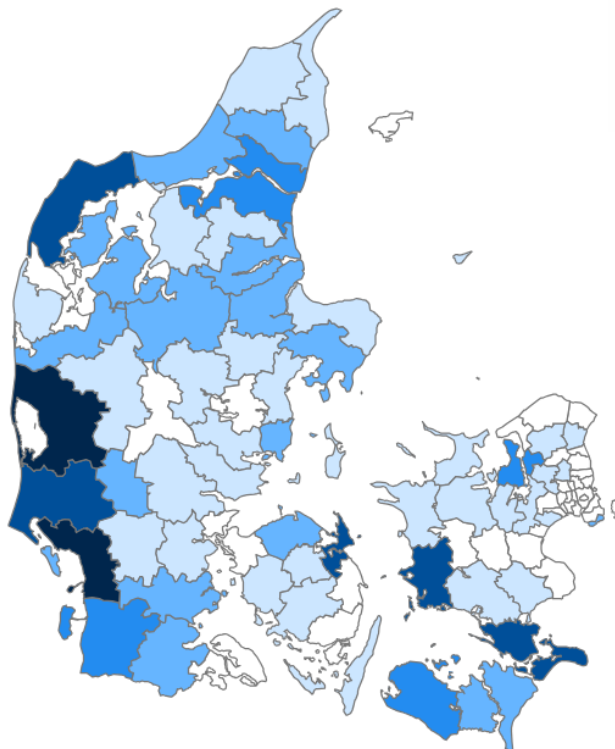
The combined age and sex distribution of harvested ducks provides valuable insights into:

- population productivity
- hunting selectivity
- potential impact on future breeding capacity

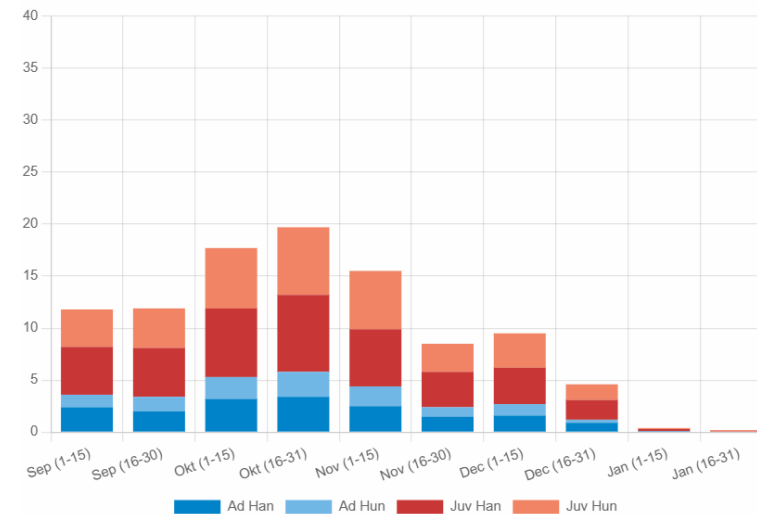
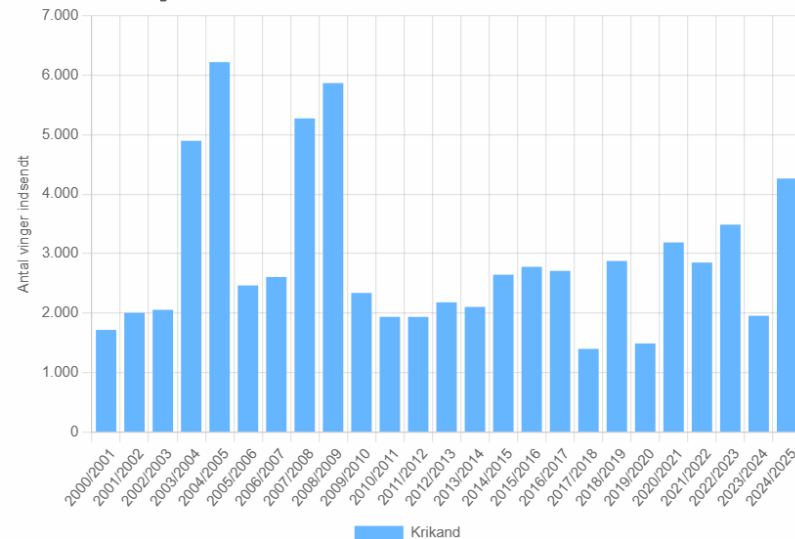


The percentage distribution of juvenile/adult and male/female harvested teals.

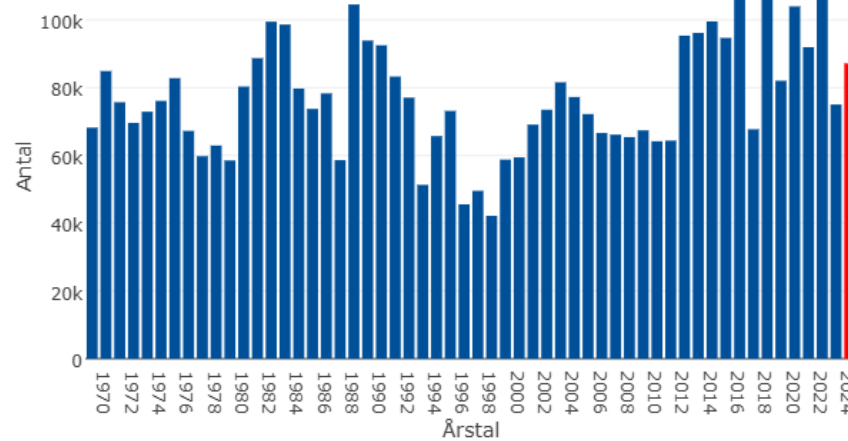
Denmark



Antal indsendte vinger siden 2000/01 - Krikand



Jagtudbytte Krikand, Total



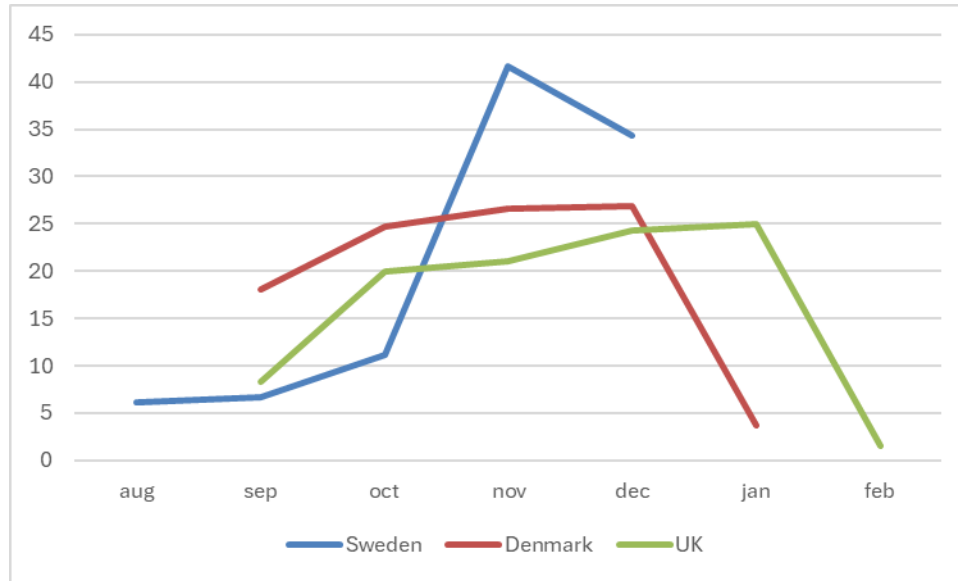
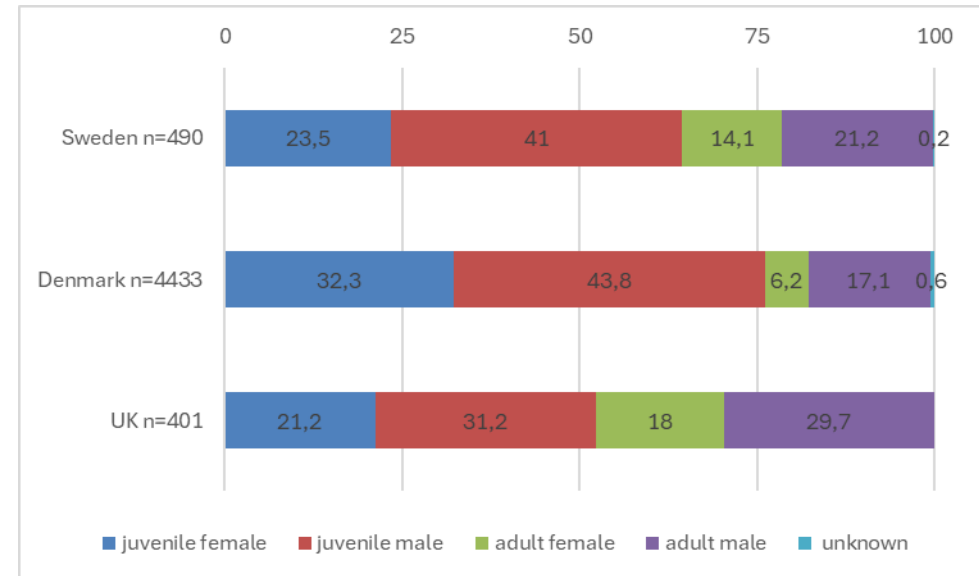
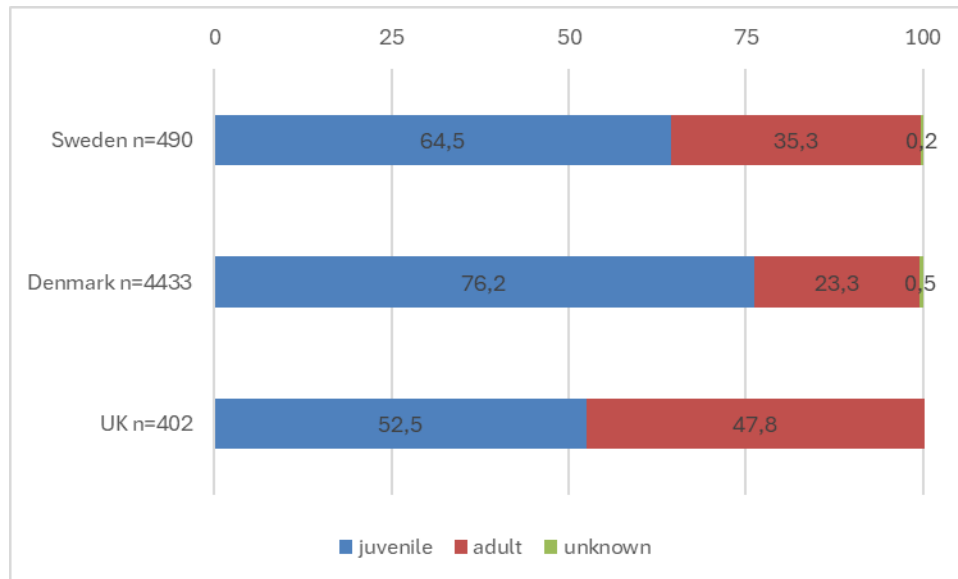
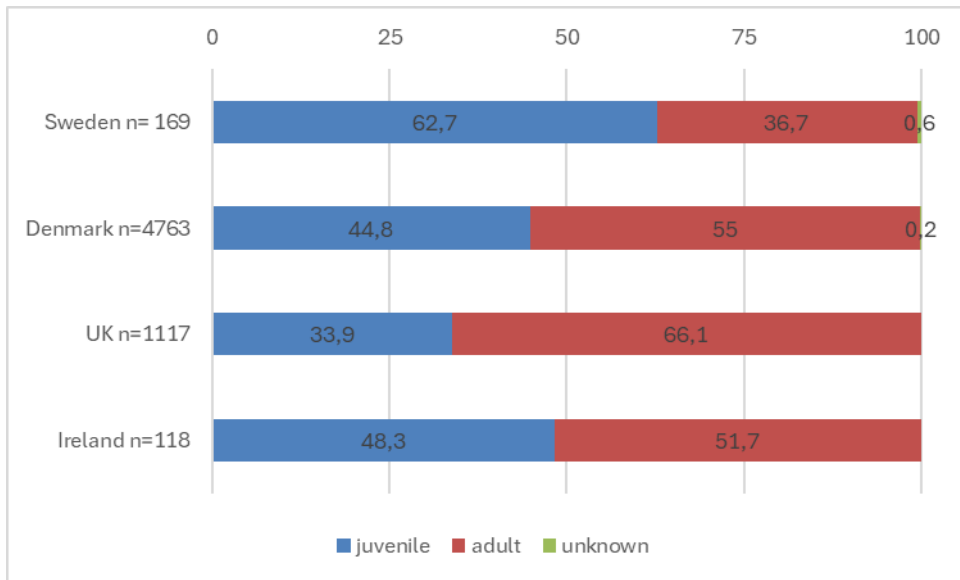
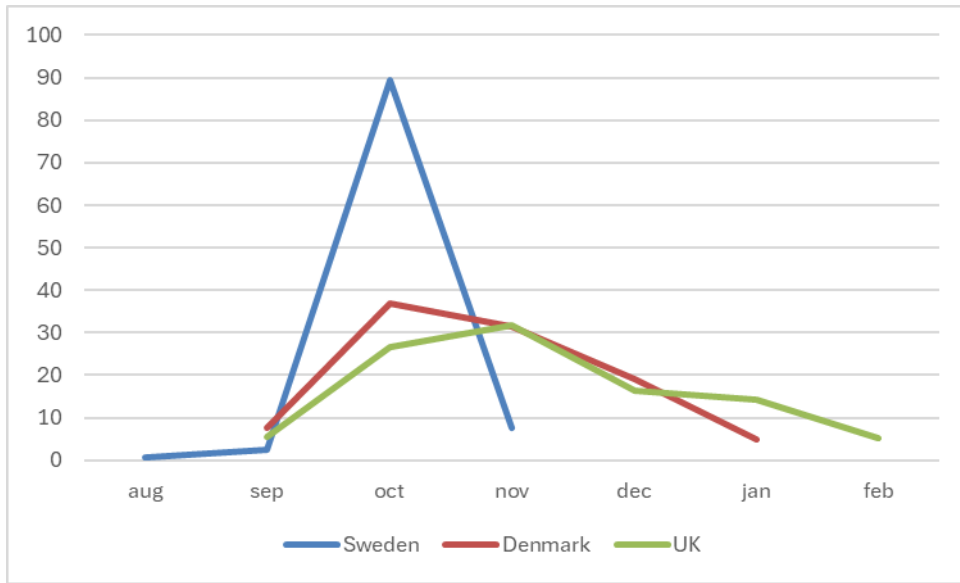


Photo: Claus Lind Christensen

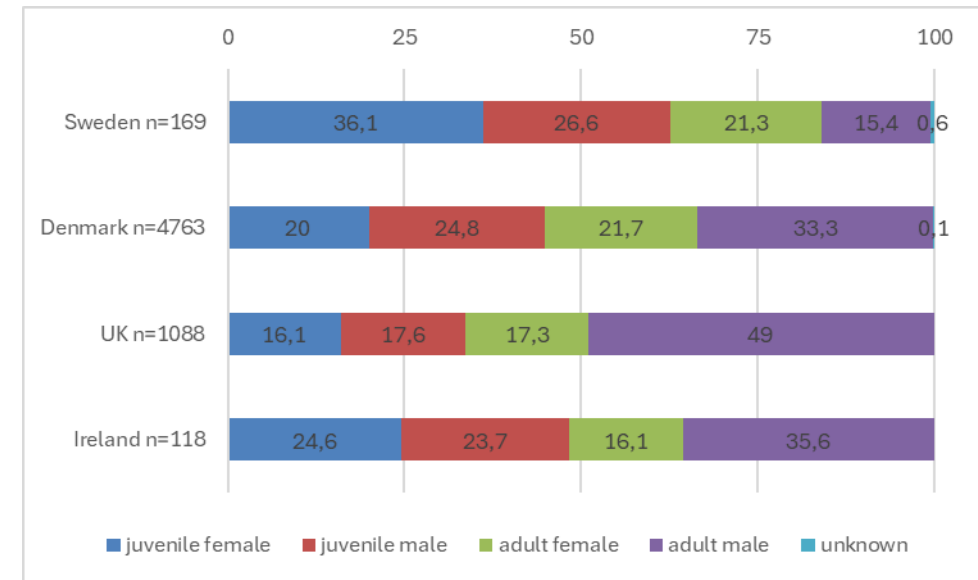




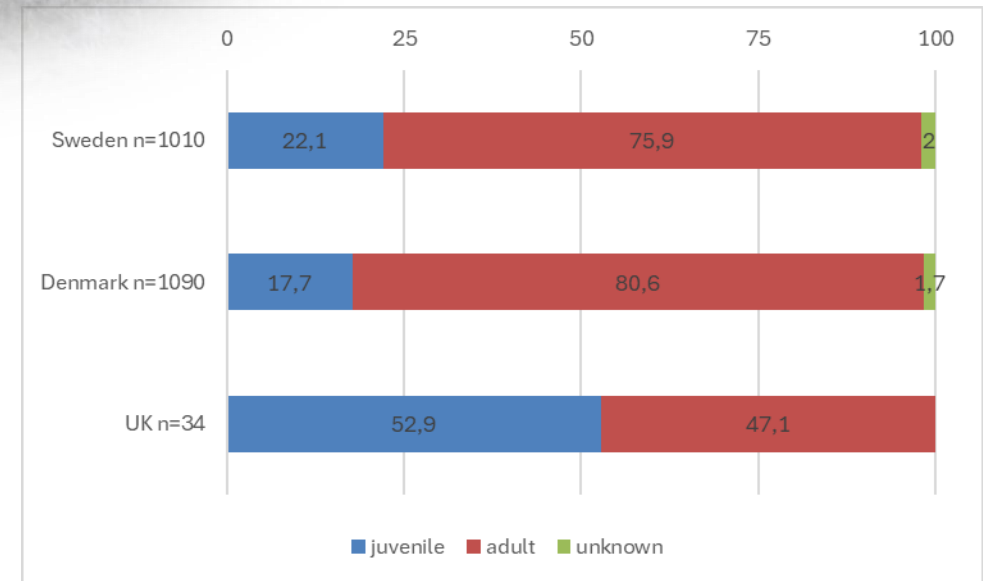
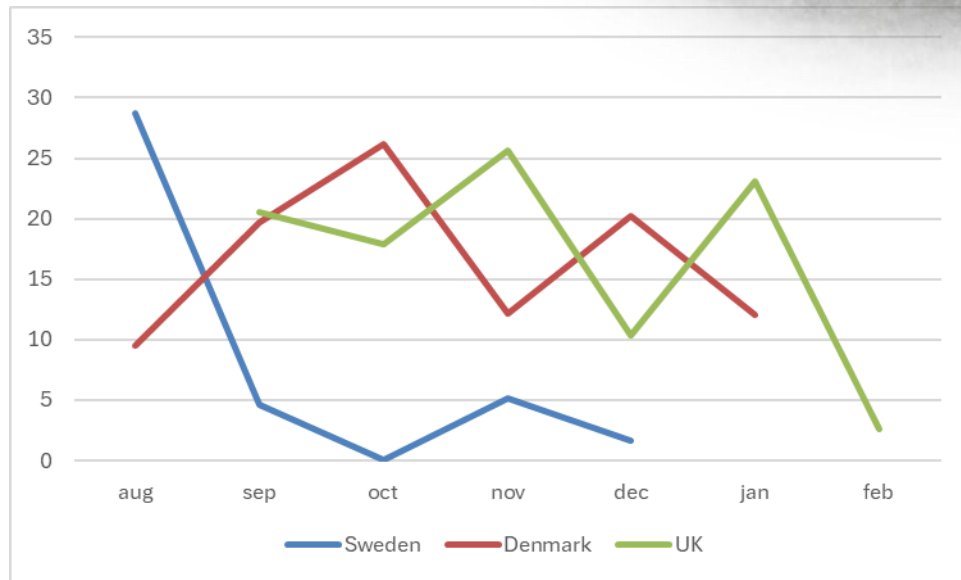
Wigeon



Photo: Claus Lind Christensen



Greylag goose



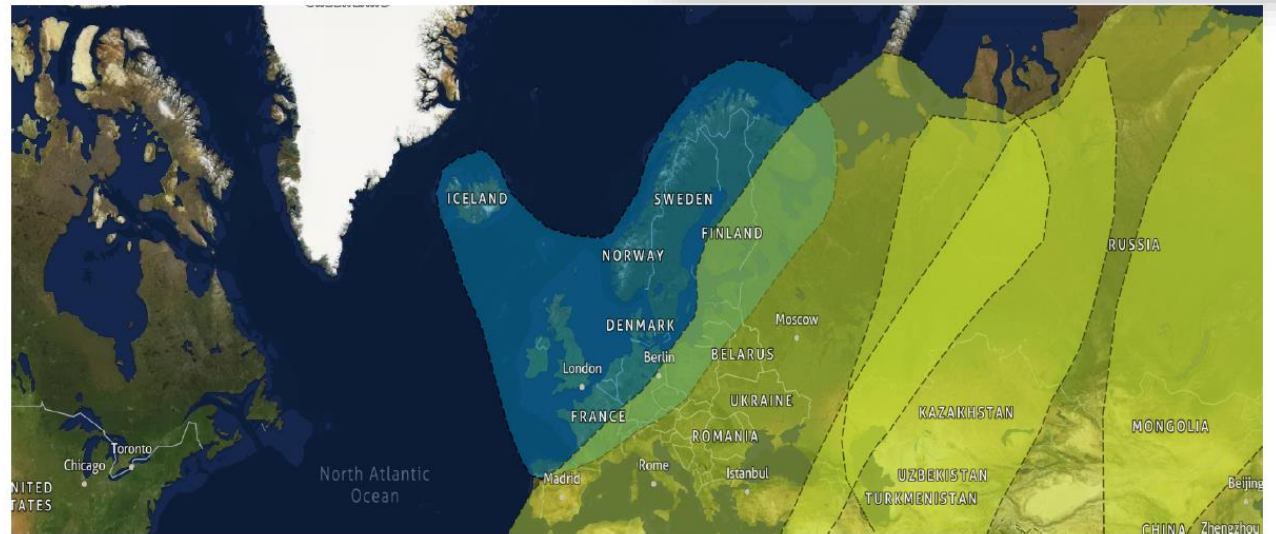
A shared resource

- Wing collection from migratory birds is an important and proven tool for monitoring both populations and harvest effects on population levels.
- This type of information is essential for making management decisions, particularly when striving to ensure that hunting remains sustainable.
- Wing collections also play a crucial role in meeting international commitments to the conservation of migratory birds.



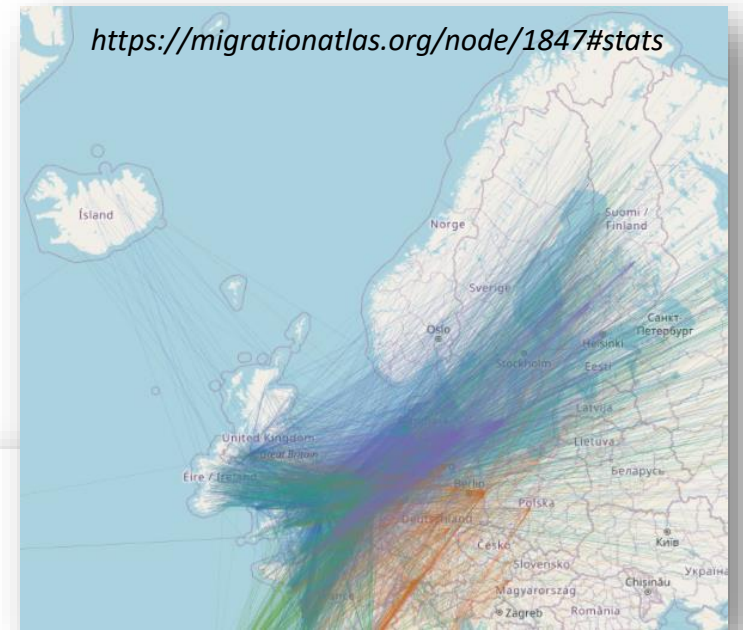
Population name: **crecca, North-west Europe**

Species name: **Common Teal *Anas crecca***



<https://wpp.wetlands.org/explore/10038/767>

<https://migrationatlas.org/node/1847#stats>



Thank you!

Waterfowlers' Network would like to express our sincere gratitude to all the hunters who have contributed to the wing surveys.

Your valuable input plays a crucial role in improving our knowledge of waterfowl populations and ensuring their sustainable management.

Wing collection data depend heavily on the active participation of hunters, and the material available is still relatively limited.

Furthermore, our report only represents a subset of European countries, and the lack of full standardization in collection and reporting methods of hunting harvest and age distribution across borders may introduce a degree of bias.