

## Birds in Europe 2 The Swedish Experience

Mikael Svensson  
Swedish Species Information Centre

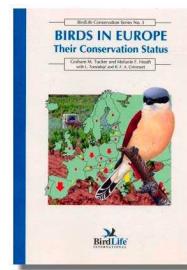
### Swedish Species Information Centre

- Independent governmental organisation connected to the Swedish University of Agricultural Sciences
- Scientific advisors in matters concerning biodiversity
- Swedish Red List authority

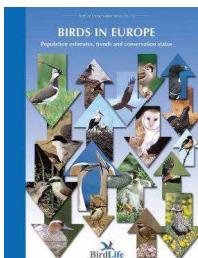
### Landings per unit of fishing power (LPUP)

Species	Period 1	LPUP	Period 2	LPUP	Decrease %
Haddock	1889-1893	20,72	2003-2007	0,19	99,1
Plaice	1889-1893	8,18	2003-2007	0,23	97,2
Cod	1889-1893	4,27	2003-2007	0,58	86,6
Hake	1891-1895	1,63	2003-2007	0,07	95,2
Skates & rays	1902-1906	1,34	2003-2007	0,22	83,4
Ling	1889-1893	1,17	2003-2007	0,05	95,7
Halibut	1890-1894	1,03	2002-2006	0,00	99,8
Turbot	1903-1907	0,21	2003-2007	0,03	84,8
Brill	1890-1894	0,20	2003-2007	0,03	85,7
Conger eel	1902-1906	0,20	2002-2006	0,02	89,2
Wolfish	1903-1907	0,19	2001-2005	0,01	95,8

1994



2004



October 2004

Swedish Ornithological Society

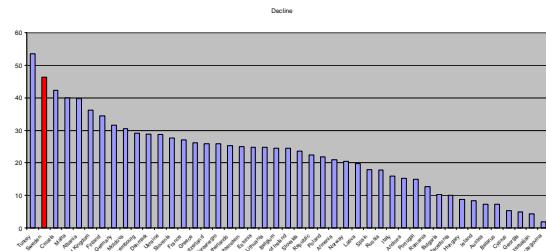
Happy news are that many species have increased in numbers during the last ten years.

However, the number of decreasing species is three times as large.

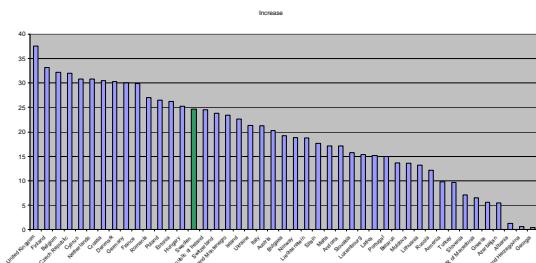
Formerly common species as snipe and lapwing are not as widespread anymore.

June 2006  
 Sweden  
**WORST**  
 in Europe  
 for Birds

Declining species (%)



Increasing species (%)

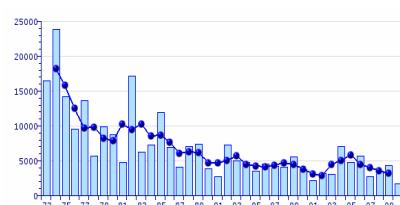


Impossible!

**Who supported the data?**

<b>LATVIA</b> E. Racinskis and A. Stipniece With contributions from: A. Aunīns, A. Avotiņš, J. Baumanis, A. Čirulis, A. Čirulis, I. Īuna, A. Kārkliņš, K. Kārkliņš, L. Lāčplētis, M. Lāčplētis, O. Lāčplētis, A. Lāčplētis, M. Lāčplētis, M. Lāčplētis, M. Lāčplētis, M. Lāčplētis, M. Lāčplētis, M. Lāčplētis, M. Lāčplētis, M. Lāčplētis, <b>LIECHTENSTEIN</b> G. Willi <b>LITHUANIA</b> J. Raudonikis With contributions from: J. Baranauskas, K. Čepasaitė, M. Daugys, D. Domantavičius, G. Grapštakė, M. Matulaitis, M. Mečiūnas, M. Kirutkašas, P. Kuriavicius, T. Priskaitis, S. Šukynė, V. Stanevičius, J. Stratford, B. Šabevičius, R. Treišys, R. Zydelis, and all those that contributed to the Lithuanian IBA Database and to the wintering and breeding waterfowl monitoring schemes	<b>SERBIA &amp; MONTENEGRO</b> S. Pezović and D. V. Simić With contributions from: M. Božović, M. Četković, N. Četković, B. Četković, M. Četković, D. Četković, N. Četković, M. Četković, N. Četković, M. Četković, N. Četković, <b>SLOVAKIA</b> R. Rybánec With contributions from: P. Kanuch and all those that contributed to the <i>Distribution of Birds in Slovakia</i>
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What data was used?



## How was the data evaluated?

I do not know!

## Assignment to Lund University

- Collate data for all breeding species
  - Calculate trends for the last 30-year period
  - Evaluate causes
  - Lack of knowledge

## Expert panel

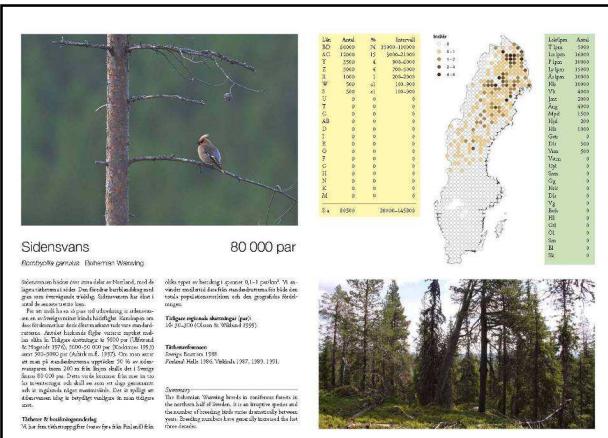
- Lund University (3)
  - Swedish University of Agricultural Sciences (2)
  - Swedish Species Information Centre (1)
  - Kristianstad University (1)
  - Swedish Hunters Organisation (1)
  - Swedish Ornithological Society (1)

## Population size

## Birds of Sweden – their numbers and distribution

Ottosson et al. 2012.

## Estimates of population sizes for all breeding bird species 1997–2008



## 255 breeding species

- Grand total 69,000,000 bp
- Willow warbler 13,300,000 bp
- Chaffinch 8,350,000 bp

## Population trends for Swedish Breeding Birds (2007)



Populationstrender  
för fågelarter som häckar i Sverige

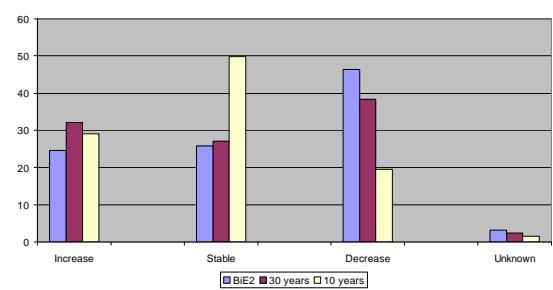


Knowledge need to be improved

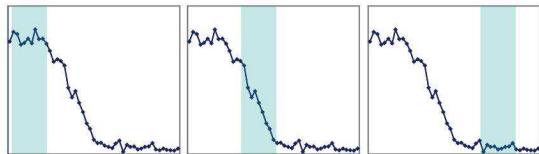
## Conclusions

- Reporting panel
- Audit trail
- Clear rules for interpretation
- Time frame
- Cooperation for best result

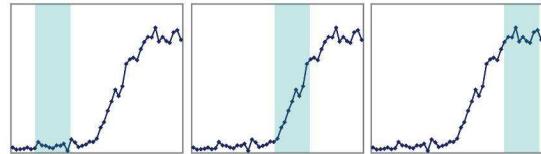
Was it wrong?



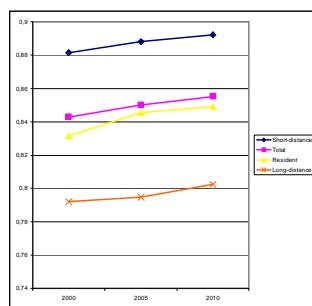
## Assessment window



## Assessment window



## RLI Birds 2000-2010



The future

## Major financier



Swedish Environmental Protection Agency

## Major actors

Swedish  
Bird  
Survey

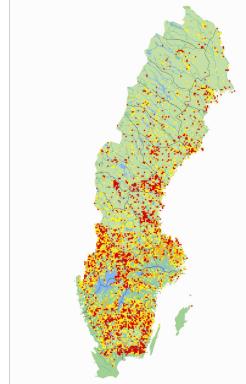


Common birds

Uncommon  
and rare birds

# Swedish Breeding Bird Atlas

Capercaillie  
1974 – 1984



Capercaillie *Tetrao urogallus*

Ind&r

- 0
- 0-1
- 2
- 2-4
- 4-8
- 8-16

