



Projekt **Kongeørn**

Viden fra GPS-projektet

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Baggrund

- Ved start: 31 kongeørneunger forladt rederne i Danmark i løbet af de sidste 16 år Kun meget få ny ynglefugle i det danske landskab
- Unger bliver ringmærket men det giver næsten ingen viden
- Farvemærkning giver (foreløbig) ikke genmeldinger





Formål

- At kende individernes skæbne, inklusive start på ynglen og ynglesteder for derved at vurdere ynglespredning og selvsuppleringspotentialer.
- At kortlægge de benyttede områder (home range) og vurdere brugen og vigtigheden af forskellige habitater.

Fremgangsmåde

Home range
Habitatudnyttelse
Bevægelser
Spredning
Dødsårsager

"Stamtræ"
Rekruttering
Antal ynglefugle

Metode

- (1) GPS/GSM-sporing
Juv -> Ad
- (2) Genetiske analyser
Fjer: 1998-2014



Status



År	Dato for GPS-mont.	Lokalitet	Køn	Kaldenavn	Status	GPS-sender ID	Ringnr. Højre ben
2015	03-jun	Hals Nørreskov	Hun	Hals2015	Sands død - GPS afmonteret 15. juni 2019	34283E13	
2015	24-jun	Høstemark Skov	Han	Høstemark2015	Levende (yngler)	33707E14	
2015	08-jul	Tofte Skov, SV	Hun	Tofte2015	Levende (yngler)	33368E15	
2016	13-jun	Høstemark Skov	Han	Høstemark2016	Død (ca. 25-aug 2016)	58803E18	
2019	10-jun	Tofte Skov, NØ	Hun	Toftehun19	Død (ca. 10. juli 2019)	33897E23	
2019	10-jun	Tofte Skov, NØ	Han	Toftehan19	Levende - GPS uden signal fra 25 Maj 2021	59322E22	
2020	03-jul	Tofte Skov, SV, Vestre Skov	Han	Toftehan20_1	Død (ca. 04-juni 2021)	33897E28	
2020	03-jul	Tofte Skov, SV, Vestre Skov	Han	Toftehan20_2	Død (ca. 18-maj 2021)	58803E27	
2021	18-jun	Tofte Skov, NØ, Indkastet	Hun	Toftehun21	Levende	58803E29	



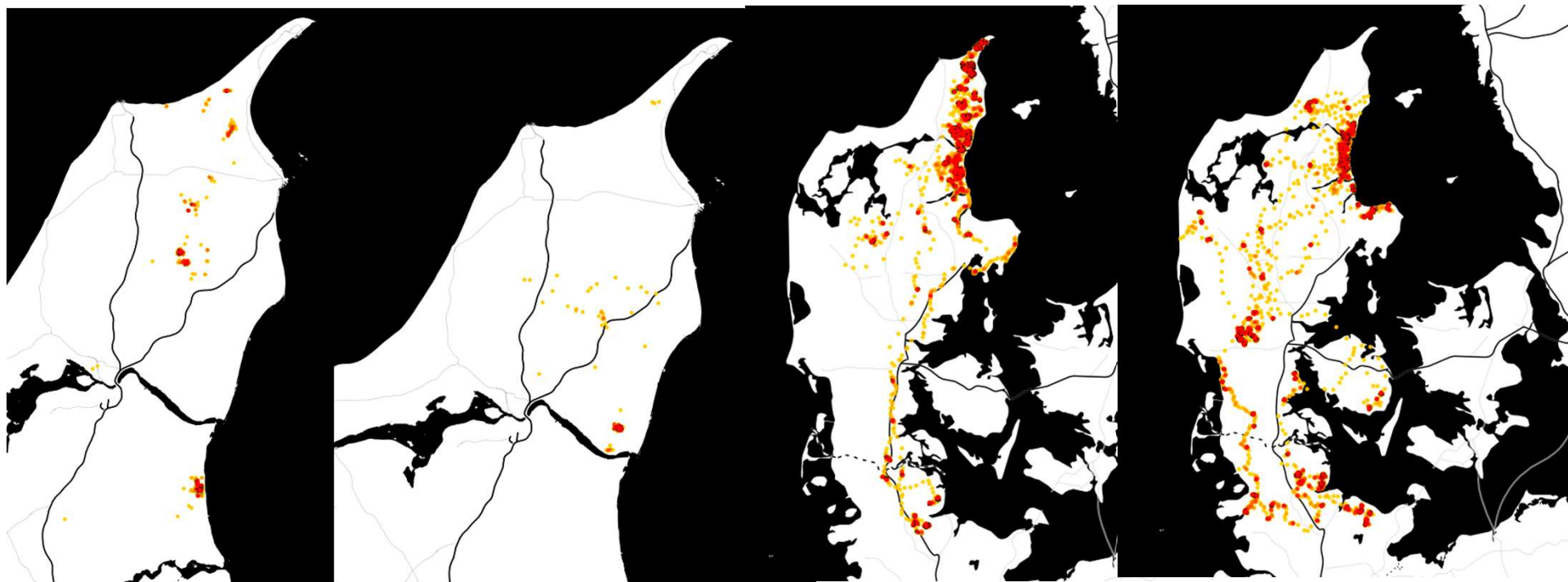
Flyvemønstre

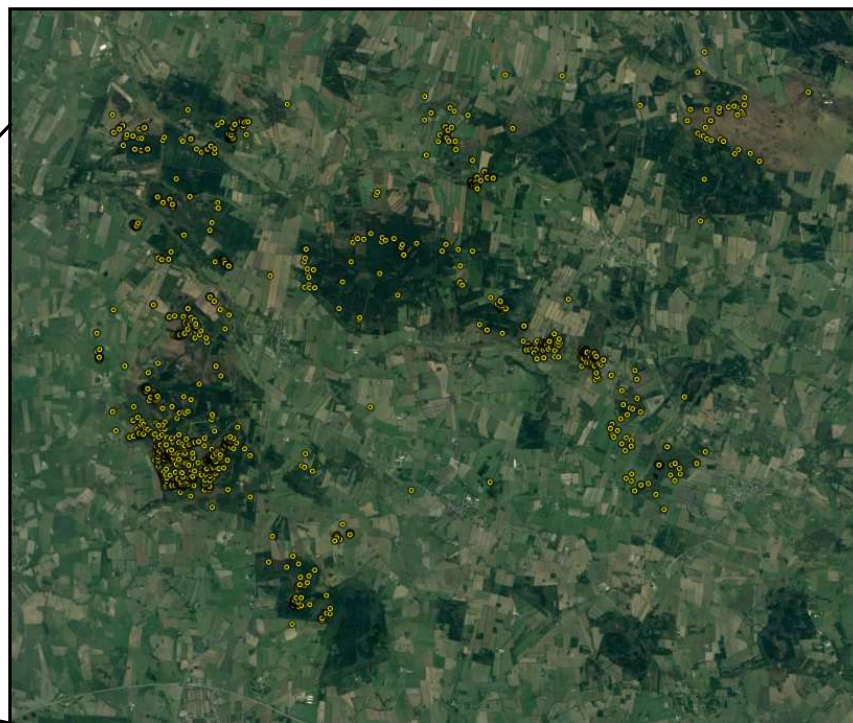
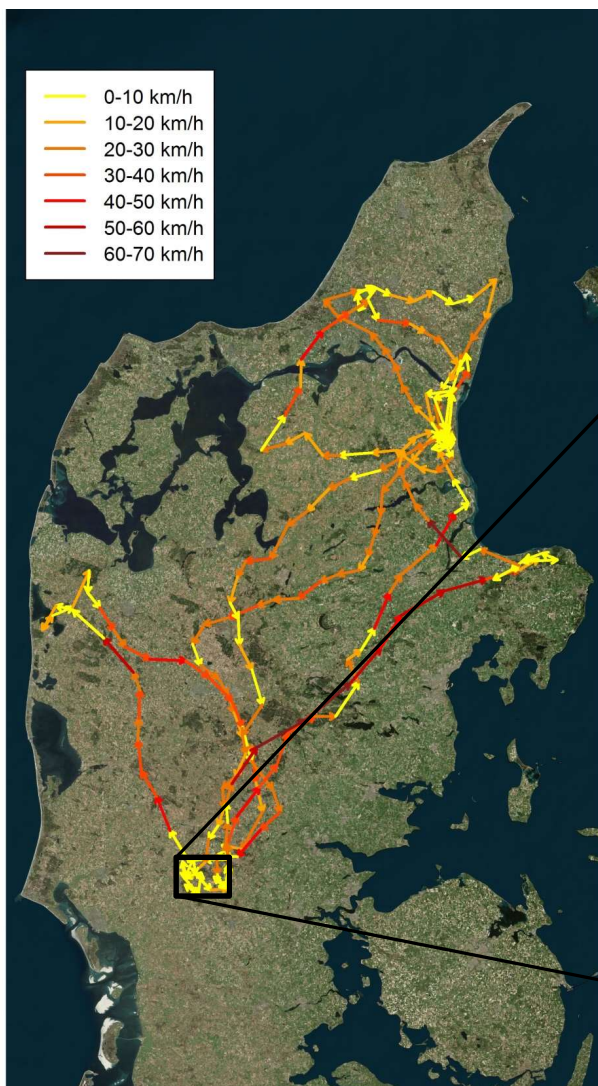
Toftehan19

Halshun15

Toftehun15

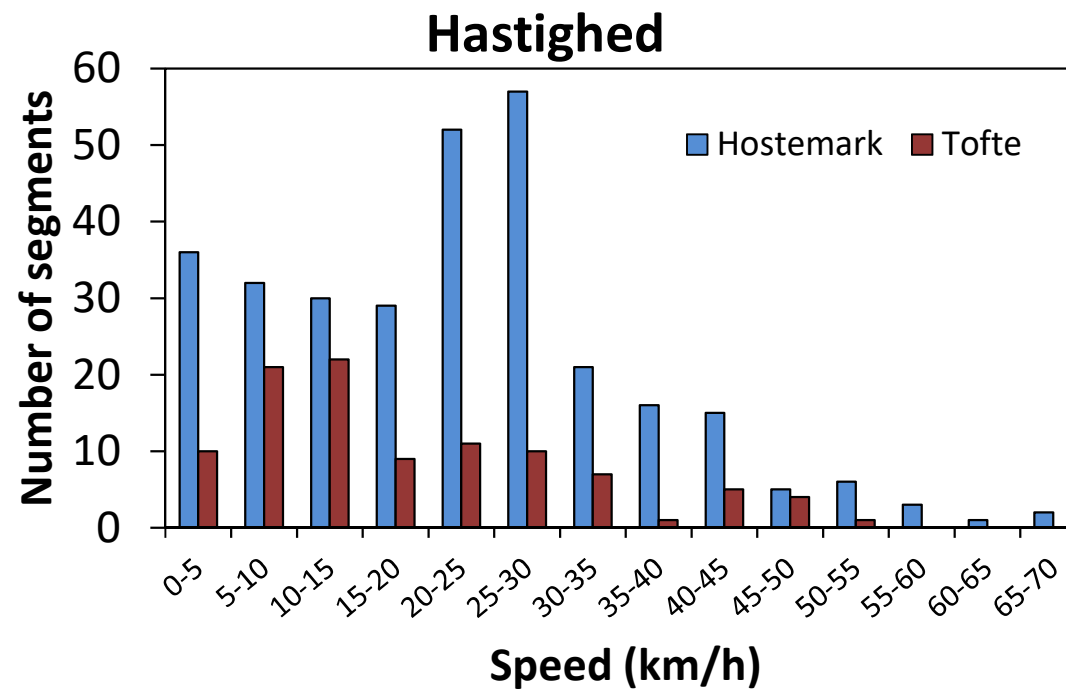
Høstemarkhan15

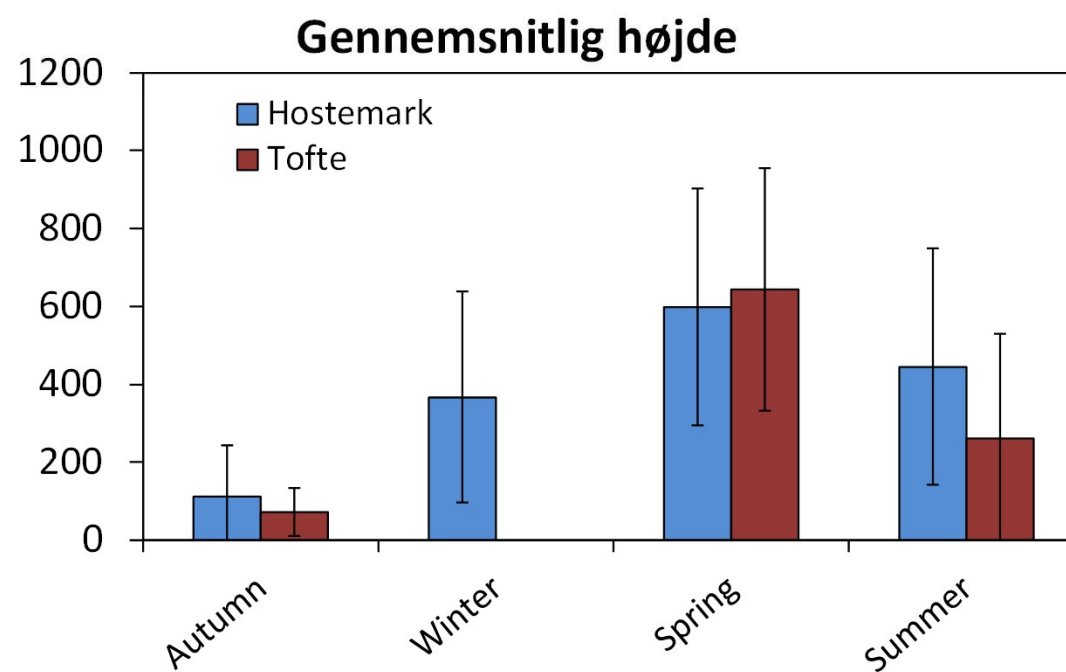






Trækbevæglerser det første år
Hastighed for hver 5 km segment



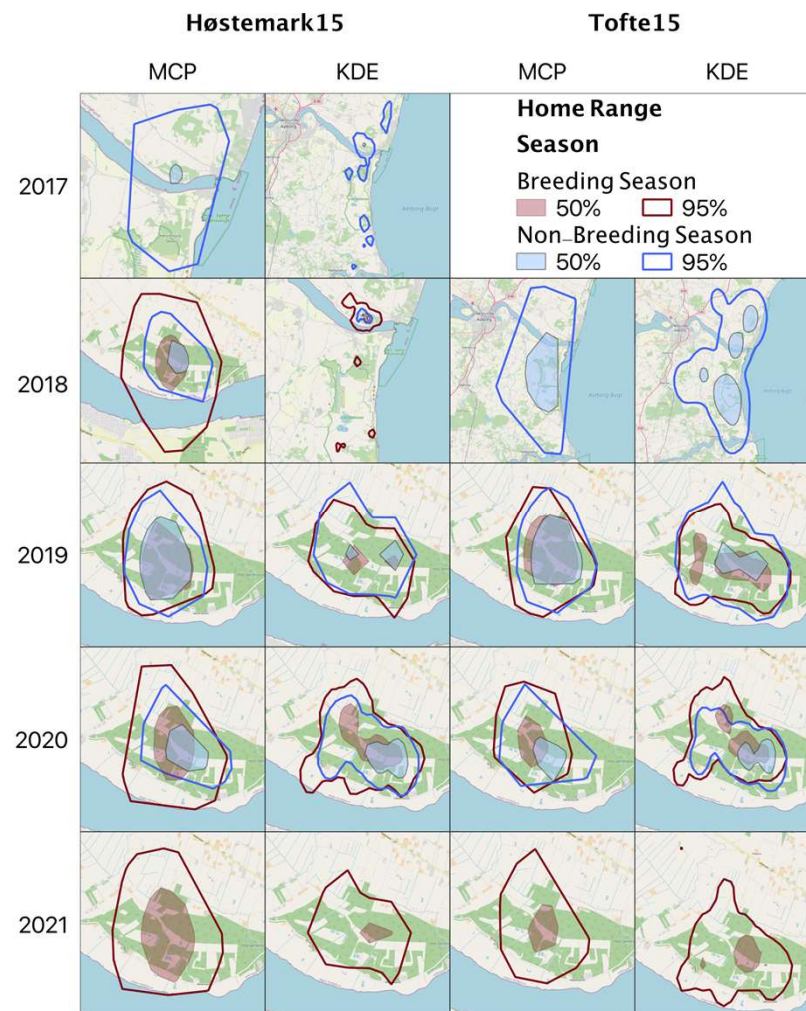


Tofte2015 og Høstemark2015

- Høstemark ynglede med anden hun i 2018
- Udskiftning – Tofte kom til i 2019
- Ynglesucces – en unge – 2020
- Ynglesucces – en unge – 2021



Figure 1. Map of Denmark with a zoom in on the outlined area of Hals Sønderkov.

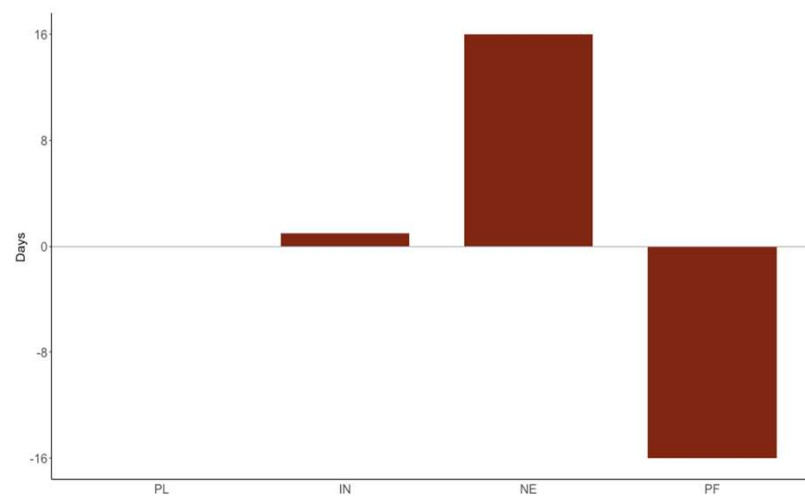


Tofte2015 og Høstemark2015

Yngleaktiviteter

Table 3. Key start dates of observed patterns for the male and female in the months from February to September in the years 2019-2021.

Key dates (Feb.-Sept.)	Høstemark15			Tofte15		
	2019	2020	2021	2019	2020	2021
Starts daily coming by the nest	February 1 st	February 1 st	February 1 st	March 2 nd	February 25 th **	February 1 st
Egg laying*	-	-	-	-	NA**	NA**
Incubation*	-	-	-	-	March 29 th **	March 30 th **
Starts foraging*	-	-	-	-	May 1 st	May 17 th
First night not spent by the nest*	-	-	-	-	June 16 th	June 2 nd
Stops daily coming by the nest	May 1 st	June 6 th		May 2 nd	July 11 th	







Svingfjer indsamlet i Hals Sønderskov 2007 af Jan Tøttrup Nielsen.



DNA fra fjer – helt ny metode til naturovervågning

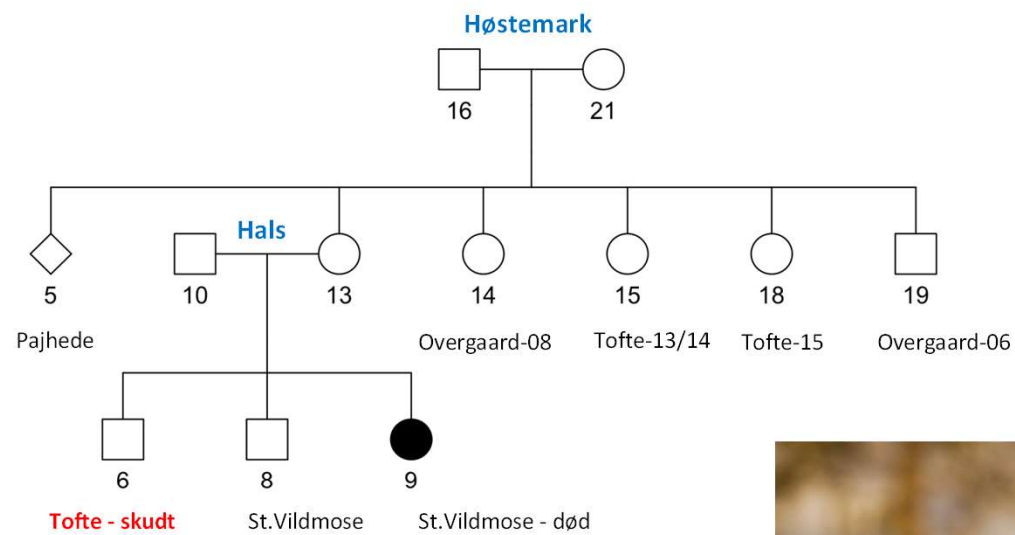
*Og opklaringen af et **mord!***

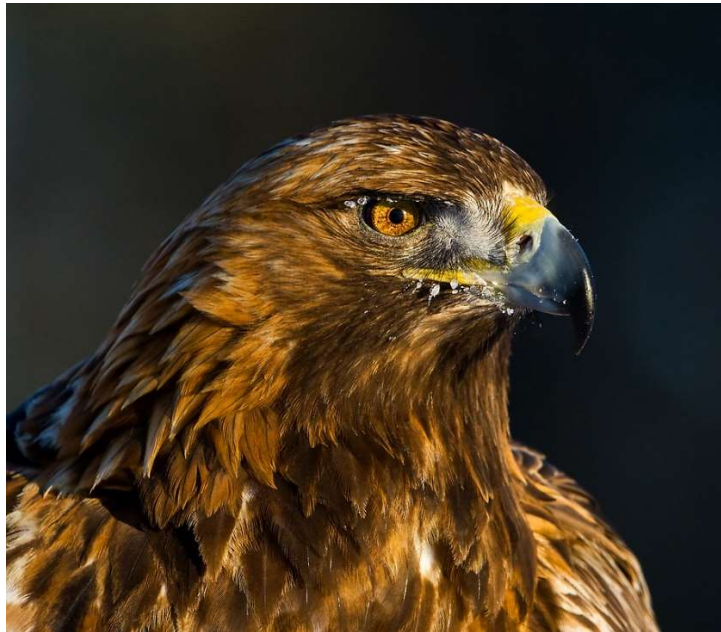


Svingfjer indsamlet i Hals Sønderskov 2007 af Jan Tøttrup Nielsen.



Stamtræet for de danske kongeørne





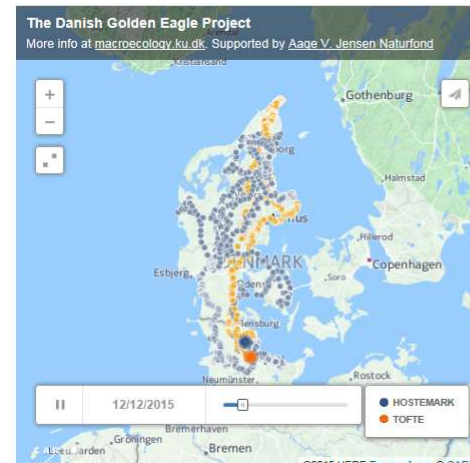
CMEC > Research > Conservation & Biodiversity > The Danish Golden Eagle...

Follow the Danish golden eagles

We call the two Danish golden eagles *Hostemark* and *Tofte* based on the places they were born. The male golden eagle (blue) was born in Hostemark Forest, Jutland, Denmark. The female golden eagle (yellow) was born in Tofte Forest, Jutland, Denmark.

Current status (mid October 2016):

Hostemark stayed in Hals Sanderskov, only interrupted by two short trips to Tofte Skov and Store Vildmose. *Tofte* left the area around Råbjerg Mose after 1½ month here. Since the end of September it has been in a farmland area south of Bolle Enge, still in northern Jutland.



In June 2015 golden eagle juveniles were equipped with a GPS, enabling scientists to track their movements.

Press pictures



Golden eagle approximately 5 weeks old. Born in Hostemark. Credit: Anders Tættrup. Get press photo



Golden eagle approximately 7.5 weeks old. Born in Tofte Skov. Credit: Anders Tættrup. Get press photo



- Hjemmesiden www.rc.ku.dk/goldeneagle opdateres jævnligt med nye positioner og beskrivelse