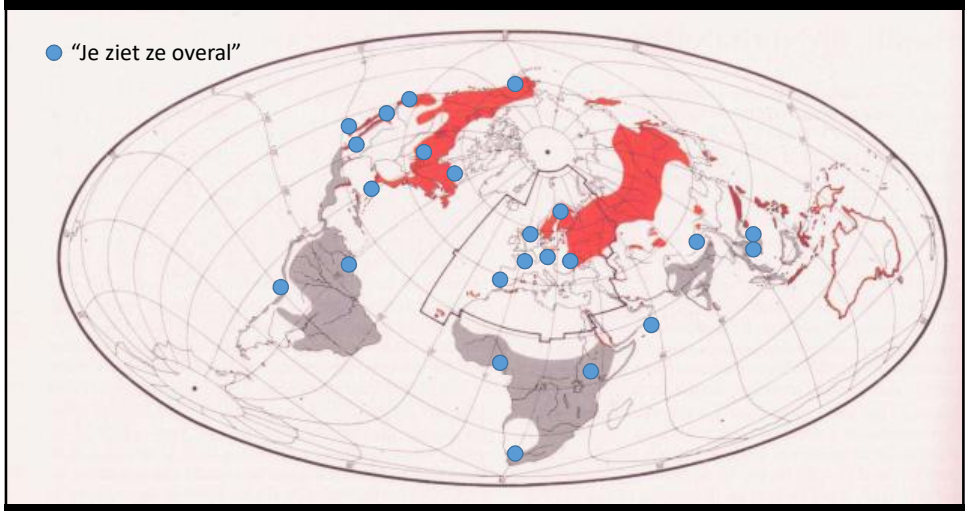
De Visarend, een wereldvogel

NOU 2017 NUNSPEET

Zaterdag 28 januari 2017, 16.45

Ruud Kampf
Rekel/water
Schermerhorn

Leefgebieden Visarend



Ondersoorten

Twee ondersoorten, waarvan noordelijk deel populatie trekvogels is:

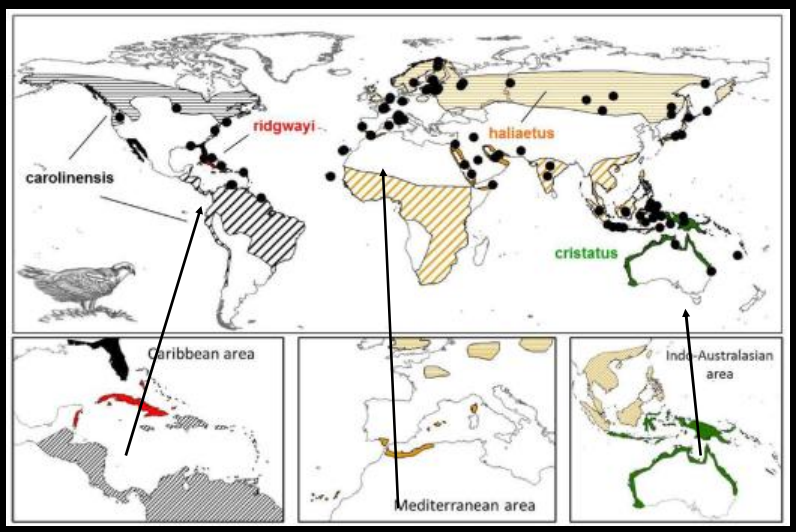
- *nominaat: haliaetus:* broedt in Europa, noordelijk Azië. Enkele kleine residente populaties Middellandse Zee, Rode Zee, Perzische Golf, eilanden westelijk Afrika en mogelijk in centraal en westelijk Azië
- *Carolinensis:* noordelijk Amerika

Twee niet trekkende ondersoorten

- *Ridgwayi:* Caribisch gebied
- *Cristatus:* zuidelijk halfrond Australië en omringende eilanden

-> En een deel van de Middellandse Zee populatie

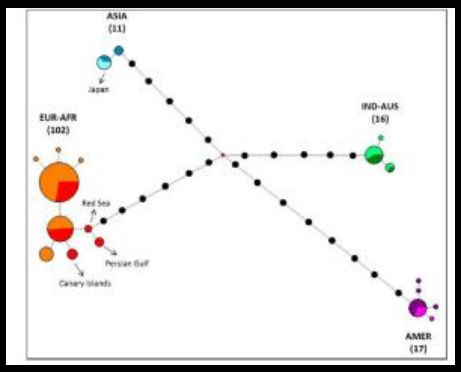
Visarend – evolutie: vernieuwing inzichten



Monti eta la, 2015: Being cosmopolitan: evolutionary history and phylogeography of a specialized raptor, the Osprey *Pandion haliaetus*
www.researchgate.net/publication/284030261

Being cosmopolitan: evolutionary history and phylogeography of a specialized raptor, the Osprey *Pandion haliaetus*

Monti et al, November 2015



Phylogenetic network of Osprey based on 146 individuals

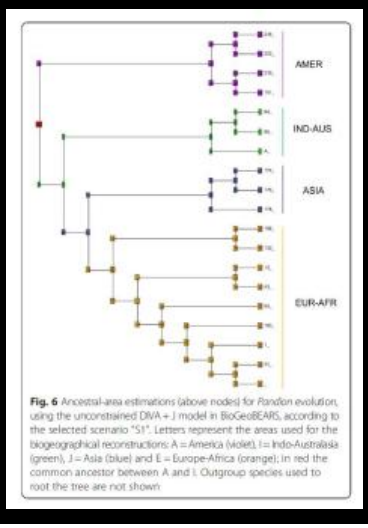


Fig. 6 Ancestral-area estimations (above nodes) for *Pandion* evolution, using the unconstrained DIVA + J model in BioGeoBEARS, according to the selected scenario "S1". Letters represent the areas used for the biogeographical reconstructions: A = America (violet), I = Indo-Australasia (green), J = Asia (blue) and E = Europe-Africa (orange); in red the common ancestor between A and I. Outgroup species used to root the tree are not shown

Being cosmopolitan: evolutionary history and phylogeography of a specialized raptor, the Osprey *Pandion haliaetus*

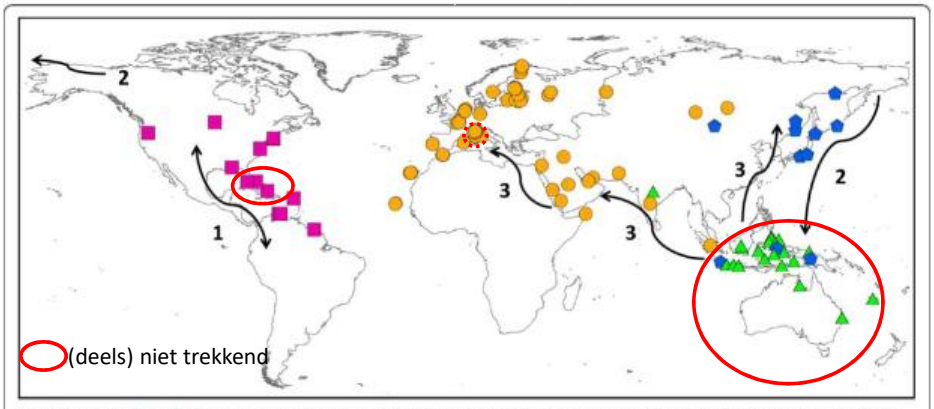


Fig. 7 Geographical distribution of the four haplogroups of *Pandion haliaetus*. Symbols and colours indicate both sample locations and genetic group: violet squares for AMER, orange circles for EUR-AFR, blue stars for ASIA and green triangles for IND-AUS (see results). Numbers with their corresponding arrows describe the different phases of the hypothetical colonization scenario

Hoe zichtbaar is een visarend?: Birgit

Visarend 'Birgit'

Herfst 2014

van Finland
naar
westelijk Afrika

NOU 2016

Data van Pertti Saurola:
http://koivu.luomus.fi/english/zoology/ringing/research/osprey.htm
http://koivu.luomus.fi/info/tracking/index.php/mapper/map/panhal_birgit_autumn2014

7

Visarenden Rutland, Engeland Trekroutes sinds 2011

Meer: Rutland Ospreys satellite tracking

http://www.ospreys.org.uk/category/satellite-tracking/

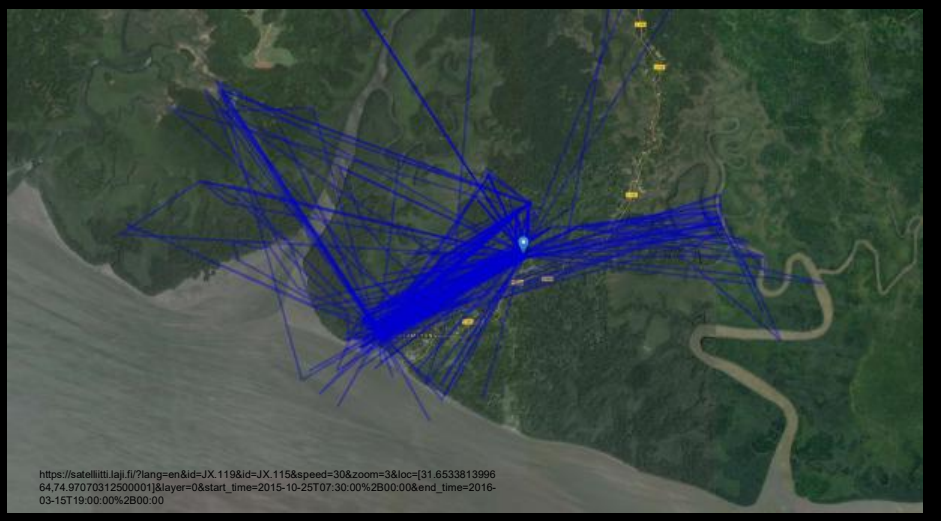
Herfst trek 2010
Finse Jukka

http://www.luomus.fi/english/zoology/satelliteospreys/jukka/autumn2010.htm

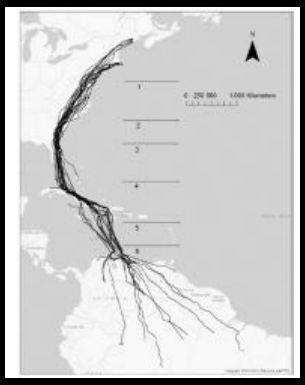
Finse Jaska

2-11-2015 tot 4-4-2016: 6 maanden

www.luomus.fi/en/kainuu-satellite-ospreys



Amerikaanse Visarenden Voorjaarstrek



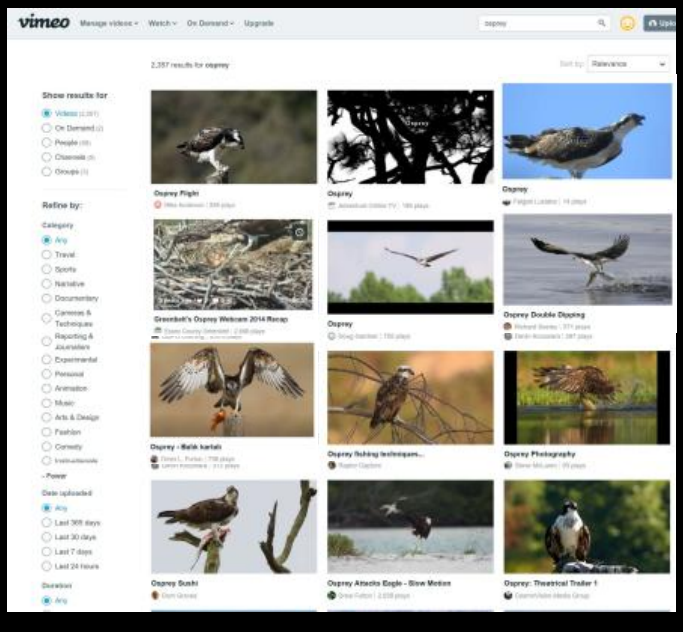
ARTICLE >> JOURNAL OF RAPTOR RESEARCH · DECEMBER 2014

The Spring Migration of Adult North American Ospreys

https://www.researchgate.net/publication/280988991

Amerikaanse Visarenden

Het is veel tegenwoordig: VIMEO



Visarenden internet

EUROPEAN OSPREYS 2014/2015/2016

BRON: ALISON ELDER·

ESTONIA - Nest 1 -http://pontu.eenet.ee/player/kalako...

Nest 2 - http://pontu.eenet.ee/player/kalako...

FINLAND - Seili Island - http://saaristomeri.utu.fi/Osprey/

Hailuoto - http://www.saaksi.fi/

Hailuoto - all caputures are copyright Voitto Pulkkinen

Link to Satellite tracked Osprey in Finland and others - http://www.luomus.fi/en/finnish-sat...

Finnish Osprey Foundation - facebook page https://www.facebook.com/saaksisaat...

https://www.facebook.com/siikaisten...

FRANCE - Orleans Forest - http://www.balbucam.fr/index.php/en...

http://www.balbucam.fr/index.php/fr/2016/11/06/balbuzards-grand-voyage-solitaire/

SWITZERLAND - www.balbuzards.ch/en/

GERMANY - http://www.oessm.org/blog/?page_id=...

https://www.sielmann-stiftung.de/pr...

ITALY - FB page for some migrating birds https://www.facebook.com/torbierese... -

http://www.parco-maremma.it/studia/... - https://www.facebook.com/parco.dell...

LATVIA - http://pontu.eenet.ee/player/zivju-...

NETHERLANDS - https://www.facebook.com/groups/pan... POLAND - webcam -

http://www.lasy.gov.pl/informacje/k...

http://www.lasy.gov.pl/informacje/k...

FB page - https://www.facebook.com/siikaisten...

PORTUGAL: https://www.facebook.com/reintroducao.da.aguia.pesqueira.em.portugal/

SPAIN - Urdaibai Osprey Project - http://www.birdcenter.org/en/projec...

WEBCAM Urdaibai - http://www.birdcenter.org/en/news/w...

https://www.facebook.com/amigospesc...

http://www.birdcenter.org/eu/guri-b...

Visarenden op Facebook

This Is an Index To Osprey Groups

UK Osprey Groups blogs and forums

Other Significant Websites and forums

Osprey Tracking Websites

Groups Based in Britain

Facebook Groups

Friends of Dyfi Osprey Group

Glaslyn Osprey Group

Osprey Friends Loch Garten Bloggers

Ospreys (Pandion haliaetus)

Wildlife Village

Groups Based in the USA

Facebook Groups

Absolutely Ospreys :)

Alcoa Osprey Cam

Boulder County Fairground Ospreys

Days at Dunrovin

Hellgate Osprey Cam

Nelson BC Osprey Cam

Nellie's Nest News

Osprey Friends

Ospreys of Newfoundland & Labrador

Ospreys Only

Sandpoint Osprey Nest Friends

Woods Hole Osprey Group

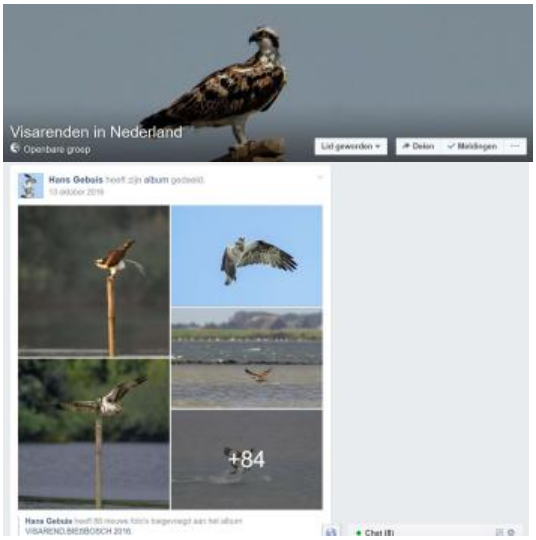
Links to Osprey Projects blogs
Aberfoyle Bassenthwaite Caerlaverock Dyfi Osprey Project Kielder Loch Garten Loch of The Lowes Rutland Tweed Valley Threave Ospreys

Links to Osprey Projects blogs
Aberfoyle Bassenthwaite Caerlaverock Dyfi Osprey Project Kielder Loch Garten Loch of The Lowes Rutland Tweed Valley Threave Ospreys

https://docs.google.com/document/d/1H-xlb8U6LhINP9N0doCNA04ZbHr4RugwuaS38MqVNe4/pub

Biesbosch 2016

Beschrijving van het broedgeval gebaseerd op de postings op Facebook



www.facebook.com/groups/pandion/

Visarend nest op hoogspanningsmast Turfzakken/ Zuiderklip.Paar op en bij nest.Te zien vanaf nest Lijnoorden!,02.05.2016.

Hans Gebuis

www.facebook.com/groups/pandion/

Nest Visarend Lijnoorden,Brabantse Biesbosch,gebouwd nazomer-herfst 2015,16.04.2016

Hans Gebuis

www.facebook.com/groups/pandion/

Visarend, Black 7 TG

Visarend,Black 7 TG,Tongplaat,Dordtse Biesbosch,15.04.2015.

Visarend;Black 7TG,doortrekkend Tongplaat,Dordtse Biesbosch,26.03.2016.

Hiddensee Bird Ringing Centre
LUNG Mecklenburg-Vorpommern
An der Mühle 4
D-17493 Greifswald / GERMANY
Tel.: +49 3834 / 88795-13
Fax: +49 3834 / 7779259
e-mail: beringungszentrale@lung.mv-regierung.de

Herr
Hans Gebuis
Boogschutter 30
NL-3328KB Dordrecht
NIEDERLANDE - NETHERLANDS

Greifswald, 11.04.2016

Dear Hans Gebuis,
we are grateful to you for your report on a Hiddensee ringed bird. You will find the details below. If you notice any errors in the finding details write down your remarks please and return this form to the address above.

Ringing data	Reference: BH72150/2012
First ring:	BA...31553 / DEH (Hiddensee) Coloured ring / add. col. rings With individual inscription black-7TG
Species:	Osprey (Pandion haliaetus)
Sex:	not given
Age:	Nestling
Date:	20.06.2012, 08:00
Place:	ROGÄTZ: MAST 108 Börde, Sachsen-Anhalt 52°18'29"N 011°43'43"E Germany

Recovery data	Reference: WH6124/2016
	verification: identified from additional marks
Species:	Osprey
Sex:	not given
Age:	Adult
Date:	26.03.2016 / DG:0
Place:	BIESBOSCH NL09 (NOORD-BRABANT) 51°48'00"N 004°52'00"E The Netherlands
State:	Alive & prob. healthy, rep. non-ringer Ring read from distance
Biometrics:	
Remarks:	photo attached, 2. observer: Marco Vriens

Recovery after 1375 days, 473 km W (265,8°) from place of ringing

See our website: http://www.beringungszentrale-hiddensee.de

Hiddensee Bird Ringing Centre

www.facebook.com/groups/pandion/

7TG

7TG - Visarend, geringd op 20 juni 2012 in ROGÄTZ: MAST 108, Börde, Sachsen-Anhalt, Duitsland

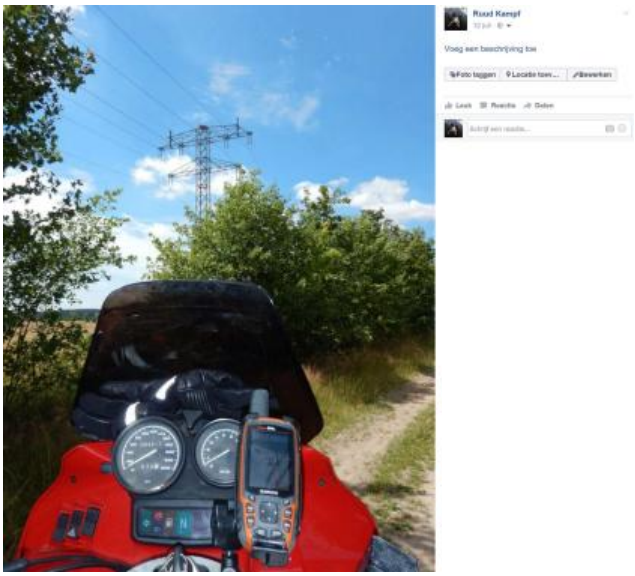
Ringing data Reference: BH72150/2012
First ring: BA...31553 / DEH (Hiddensee)
Coloured ring / add. col. rings
With individual inscription
black-7TG
Species: Osprey (Pandion haliaetus)
Sex: not given
Age: Nestling
Date: 20.06.2012, 08:00
Place: ROGÄTZ: MAST 108
Börde, Sachsen-Anhalt
52°18'29"N 011°43'43"E
Germany

Beringungszentrale Hiddensee

http://www.beringungszentrale-hiddensee.de

www.facebook.com/groups/pandion/

Een nest als dit



Visarend,broedgeval Lijnoorden Brabantse Biesbosch.Het is zover:het jong onderneemt z'n eerste vluchten!! 04.08.2016.

www.facebook.com/groups/pandion/

Hans Gebuis

Visarend,de belangstelling voor het nest Lijnoorden neemt toe.Biesbosch,17.05.2016.

www.facebook.com/groups/pandion/

Visarend,Met de trein naar de Visarend Lijnoorden.Biesbosch,04.06.2016

Hans Gebuis
1 september om 11:49 · Bewerkt ·

Visarend,juveniel Tongplaat,Dordtse Biesbosch."Ons" jong??01.09.2016.

www.facebook.com/groups/pandion/

8YY - Duitse Visarend, Vossemeer, Nederland op 26 mei 2016

Waarnemer Bert van Engelenhoven
http://waarneming.nl/waarneming/view/119205643?_popup=1

Google maps

8YY-Vossemeer_2016-05-26.kmz

www.facebook.com/groups/pandion/

8YY - Visarend, geringd op 26 juni 2014 in Streumen, Sachsen, Duitsland

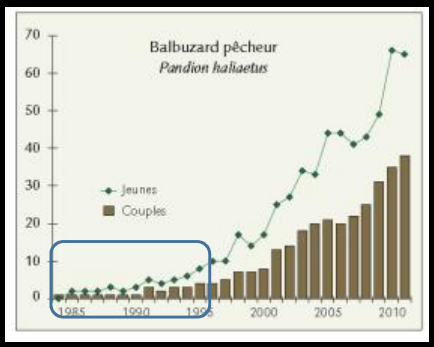
Ringing data: Bird species: Osprey Pandion haliaetus
Age: nestling Sex: unknown
Left tarsus: black ring with code 8YY
Right tarsus: Vogelwarte Hiddensee Germania BA033124 clip-ring
Ringer: Peter Reusse
Date: 26 June 2014 Location: near the village of Streumen, Free State of Sachsen, eastern Germany, in a nest on a pylon.
Brood size: 3

8YY-Streumen_2014-06-26_ringplaats - bij benadering.kmz

www.facebook.com/groups/pandion/

Hoe gaat het met de Visarend in Europa?

- Best wel goed
- Bijna overal gelijk blijven of toename
  - - in Frankrijk wel 15 % per jaar



Toename in de eerste 10 jaar heel langzaam:
- Geproduceerde jongen moeten eerst terugkomen
  - 50 % sterfte jongen
  - 10 % per jaar adulten

-Snelle toename door Duitse vrouwen

fig. 2. Évolution de la population de Balbuzard pêcheur *Pandion haliaetus* en France continentale de 1984 à 2011. *Number of breeding pairs (histogram) and number of fledglings (curve) of Osprey in continental France, 1984-2011.*

Le statut du Balbuzard pêcheur *Pandion haliaetus* en France continentale, Nadal, Wahl, et al, *Ornithos 19-4 : 265-275 (2012)*

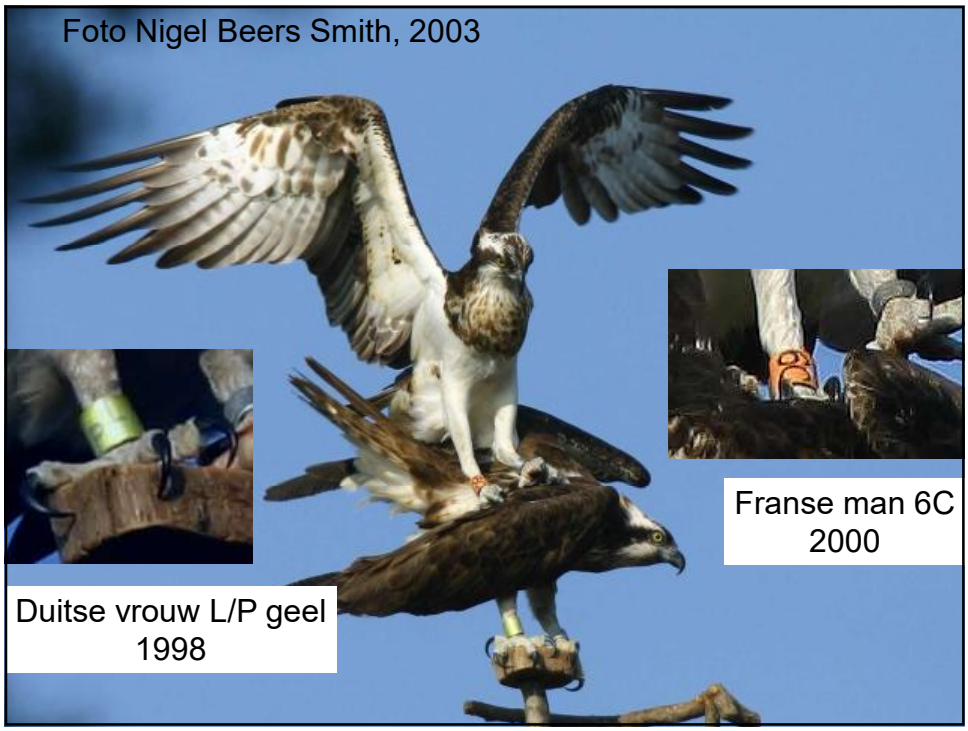
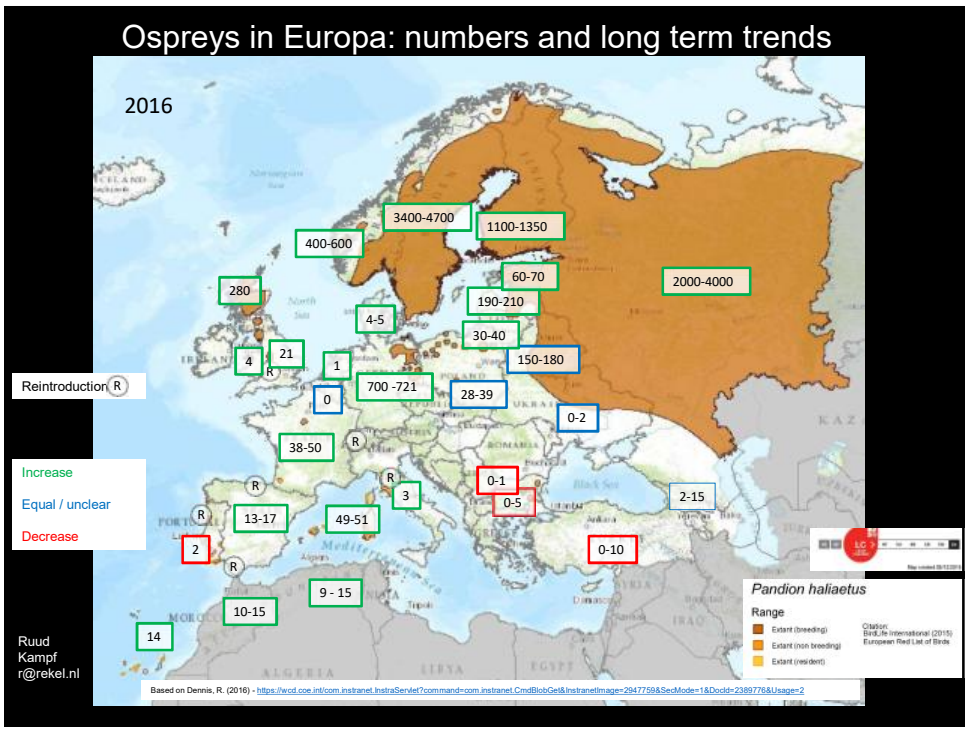


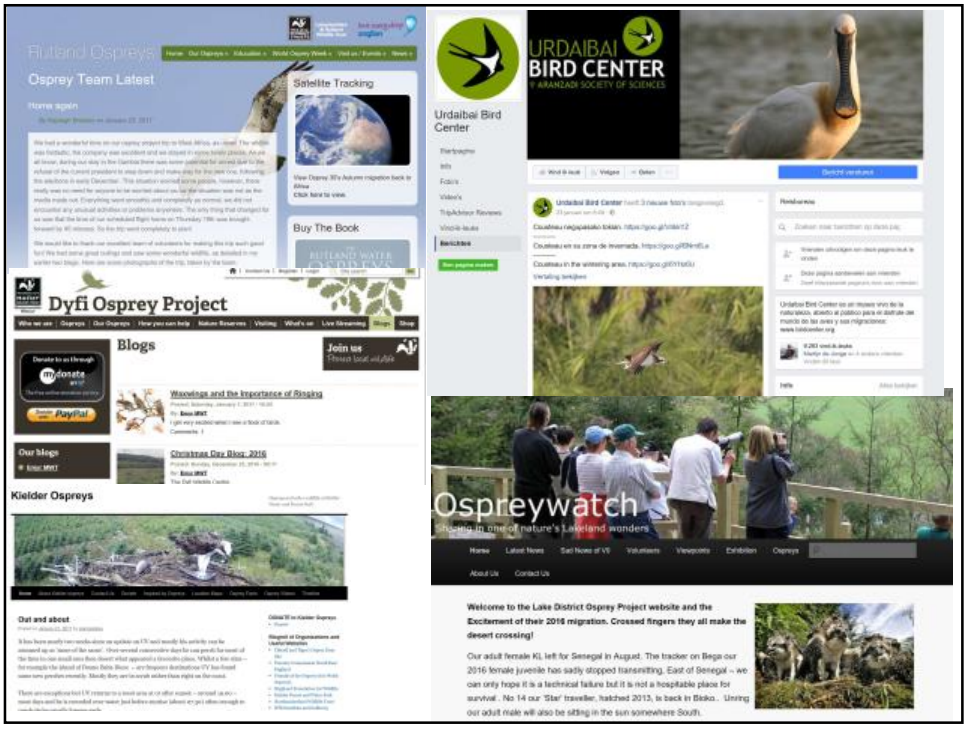
Foto Nigel Beers Smith, 2003
Franse man 6C
2000
Duitse vrouw L/P geel
1998


Ospreys in Europa: numbers and long term trends
2016
3400-4700
1100-1350
400-600
60-70
2000-4000
280
190-210
4-5
30-40
4
21
1
150-180
700 -721
28-39
0
0-2
38-50
0-1
3
0-5
2-15
13-17
49-51
2
0-10
9 - 15
10-15
14
Reintroduction R
Increase
Equal / unclear
Decrease
Ruud
Kampf
r@rekel.nl
Pandion haliaetus
Range
Extant (breeding)
Extant (non breeding)
Extant (resident)
Based on Dennis, R. (2016) - https://wcd.coe.int/com.instranet.InstraServlet?command=com.instranet.CmdBlobGet&InstranetImage=2947759&SecMode=1&DocId=2389776&Usage=2

Herintroducties - Europa

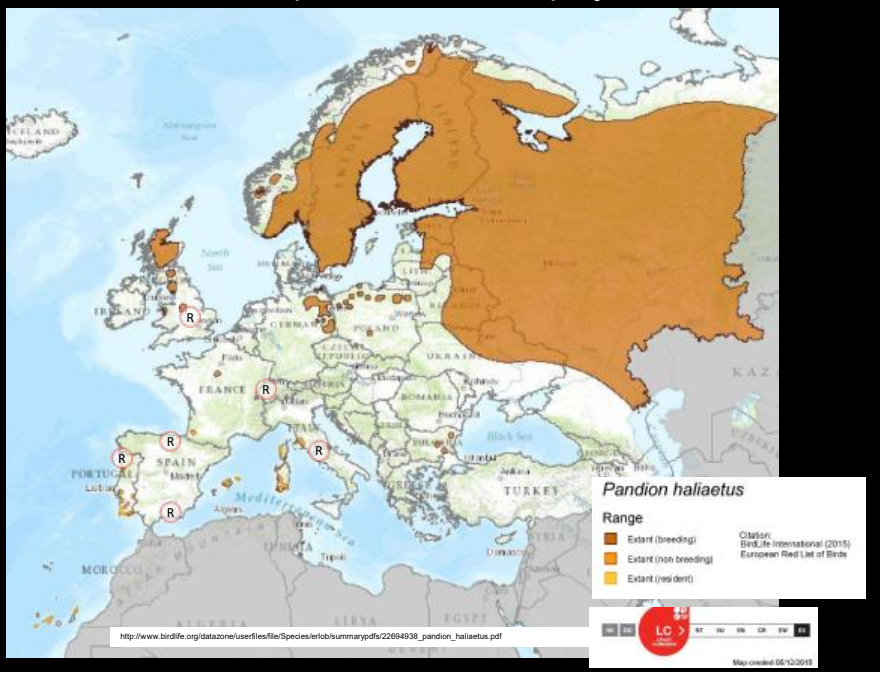
1. 1996-2001: Rutland water – Engeland: www.ospreys.org.uk
2. 2003-2012: Cadiz, Andalusië, Spanje: link ?
3. 2006-2011: Toscane, Italië: link ?
4. 2011-2016: Alqueve dam, Portugal: www.facebook.com/reintroducao.da.aguia.pesqueira.em.portugal/
5. 2013-? : Urdaibai, Baskenland, Spanje: www.birdcenter.org/en/about-us/urdaibai-ospreys
6. 2015 - 2020: Zwitserland: www.balbuzards.ch/en/

Herkomst jongen uit: a) Schotland, b) Zweden, c) Finland, d) Duitsland, e) Corsica, f) Noorwegen



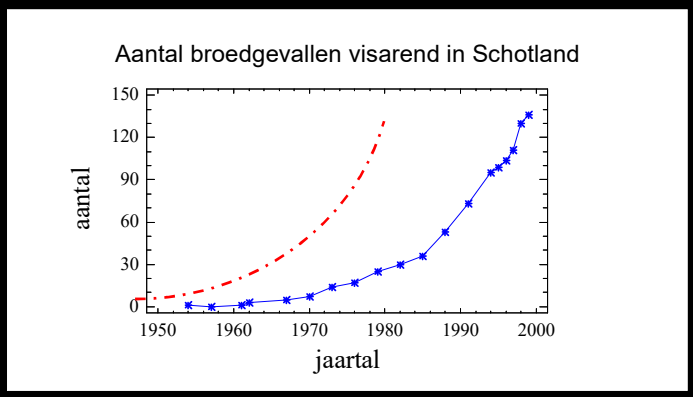
The return of the osprey - project
Visarend weer terug als broedvogel
in midden Engeland vanuit Schotland
Jonge visarend uit nest in oostelijk Schotland.
Het oudste, gezond kuiken uit max. 1 op 12 nesten
Daarna snel naar Rutland Water
In groepen van drie opgroeien tot vliegvlug
Bijvoederen, veel onderzoek, etc.

Visarend in Europa – reintroductie projecten



Ruud
Kampf
r@rekel.nl

Wat doet een herintroductie project?

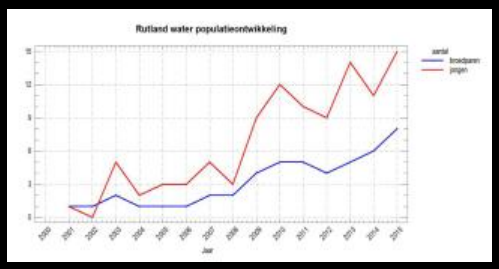


Relocatie brengte een populatie 5 – 15 jaar eerder op gang

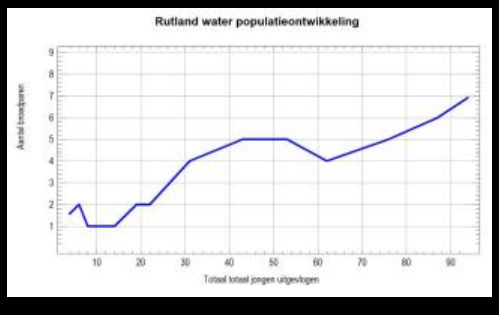
- Een boost meet veel jongen op een plek
- Trekt Visarenden van elders aan

Rutland populatieontwikkeling

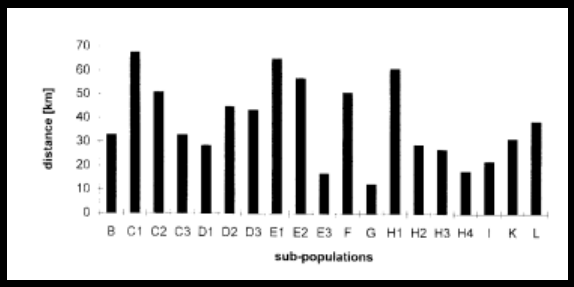
Aantal broedparen en jongen



90 jongen voor 1 -> 7 nesten



Groei populatie - “kolonies”



- Groei “kolonie” Loch Garten Schotland
  - van 0-2 paar in 1954 - 1975 tot 11 paar in 1987
  - daarna nieuwe kolonies
- Sprongafstand voor 19 nieuwe “kolonies”:
  - gemiddeld 39.7 km (12.5 - 67.5 km) per sprong

bron: R. Dennis, 1995

Actuele vragen

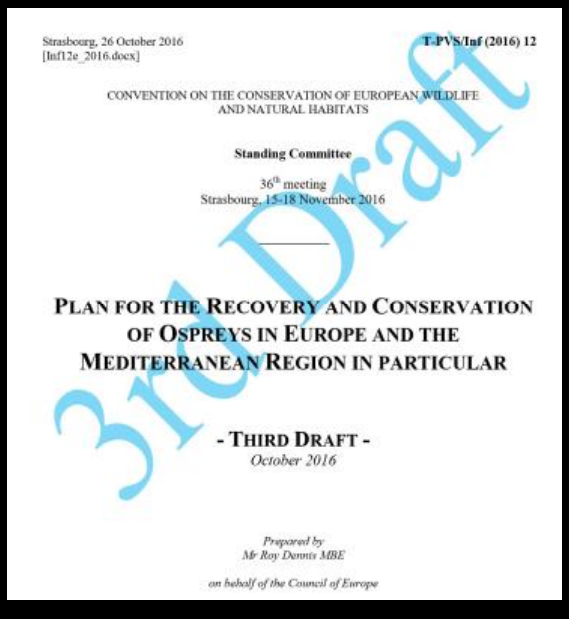
Hoe zal het met de Visarend in Nederland vergaan?

Goed:
- Populatiegroei door eigen jongen zal echter eerste jaren weinig bijdragen
- Toename populatie door buitenlandse Visarenden

Een Visarend kan toch wel zelf een nest bouwen?

- Jazeker……
- In omringende landen > 90 % in kunstnesten of verstevigde boomnesten

Actuele antwoorden



Strasbourg, 26 October 2016
[Inf12e_2016.docx]

T-PVS/Inf (2016) 12

CONVENTION ON THE CONSERVATION OF EUROPEAN WILDLIFE AND NATURAL HABITATS

Standing Committee

36th meeting
Strasbourg, 15-18 November 2016

PLAN FOR THE RECOVERY AND CONSERVATION OF OSPREYS IN EUROPE AND THE MEDITERRANEAN REGION IN PARTICULAR

- THIRD DRAFT -
October 2016

Prepared by
Mr Roy Dennis MBE

on behalf of the Council of Europe

3rd Draft