

Vultures and their Conservation in Africa

By:

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Endangered Wildlife Trust

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IUCN Red list status of the Africa's vultures (Mundy, 2012)

	1979	1985	1994	2000	2001	2011	2014	2015
Cape Griffon	VU	Rare ¹	Rare	VU		VU	VU	EN
Ruppell's Griffon						NT	EN	CE
Eurasian Griffon								
African W-b Vulture						NT	EN	CE
Hooded Vulture						EN	EN	CE
Lappet-faced Vulture				VU		VU	VU	EN
White-headed Vulture						VU	VU	CE
Cinereous Vulture			VU	NT		NT	NT	
Bearded Vulture							LC (Africa?)	NT
Egyptian Vulture						EN	EN	CE
Palm-nut Vulture							LC	

1. Rare- "small world population..not at present EN or VU, but are at risk"





© Munir Virani



Andre Botha

Malnutrition



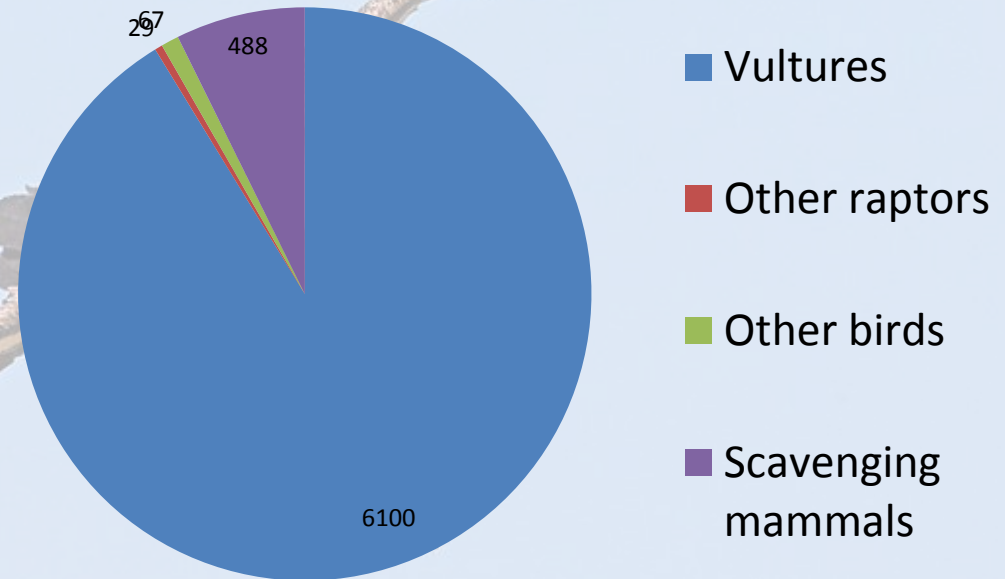
African Wildlife Poisoning Database

- Established 2012
- D. Ogada, R. Buij & A. Botha
- Contains data from 1961 - present
- All available records from known incidents
- Historically published incidents
- Shared data from various sources

- **Vulture losses recorded –**
- 1961 – 2003 - **2035**
- 2004 – 2014 – **4179**
- Total known vulture mortalities – **6214**

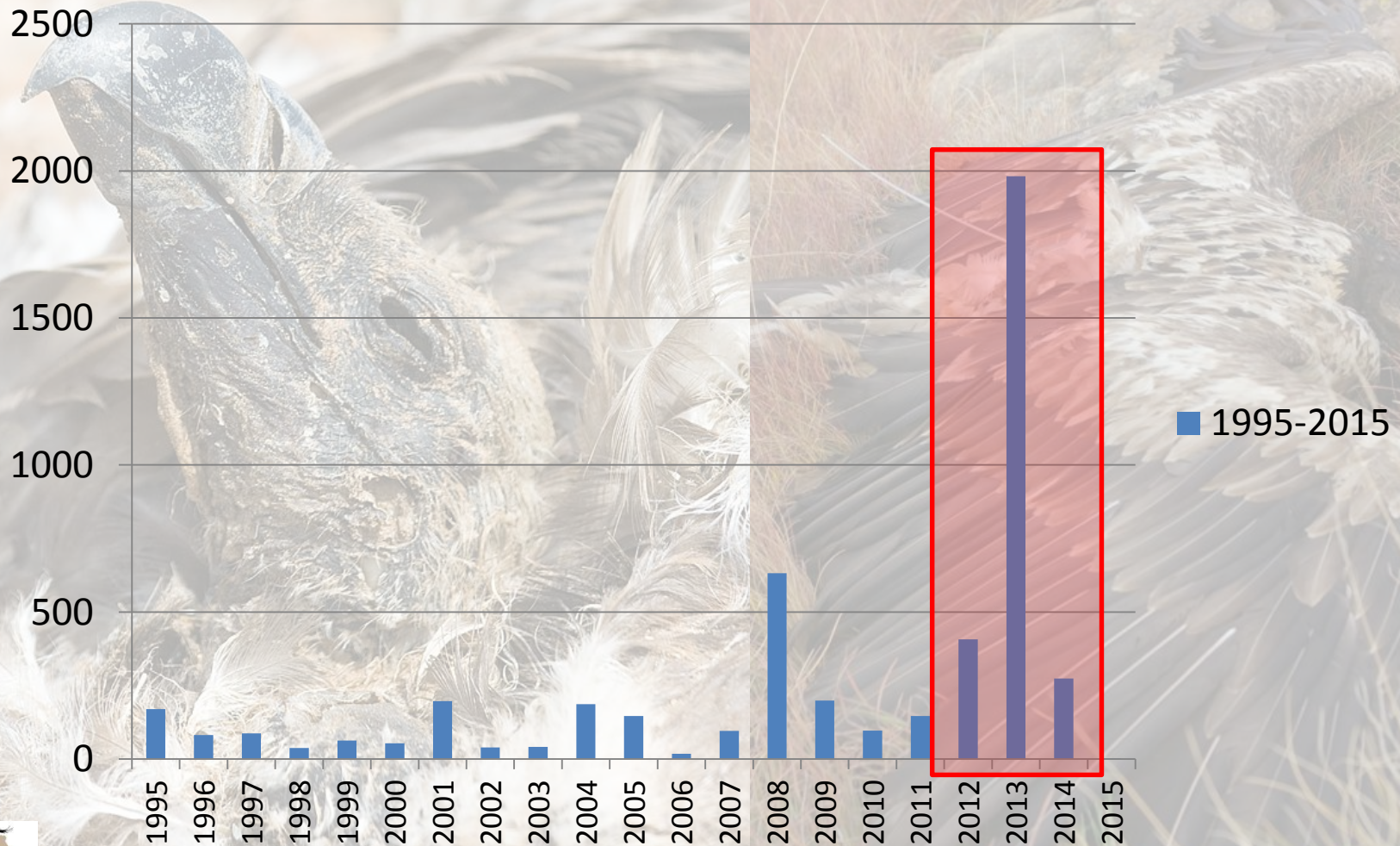
- Other scavenging birds – **98**
- Mammalian predators – **492**

Recorded animal mortalities

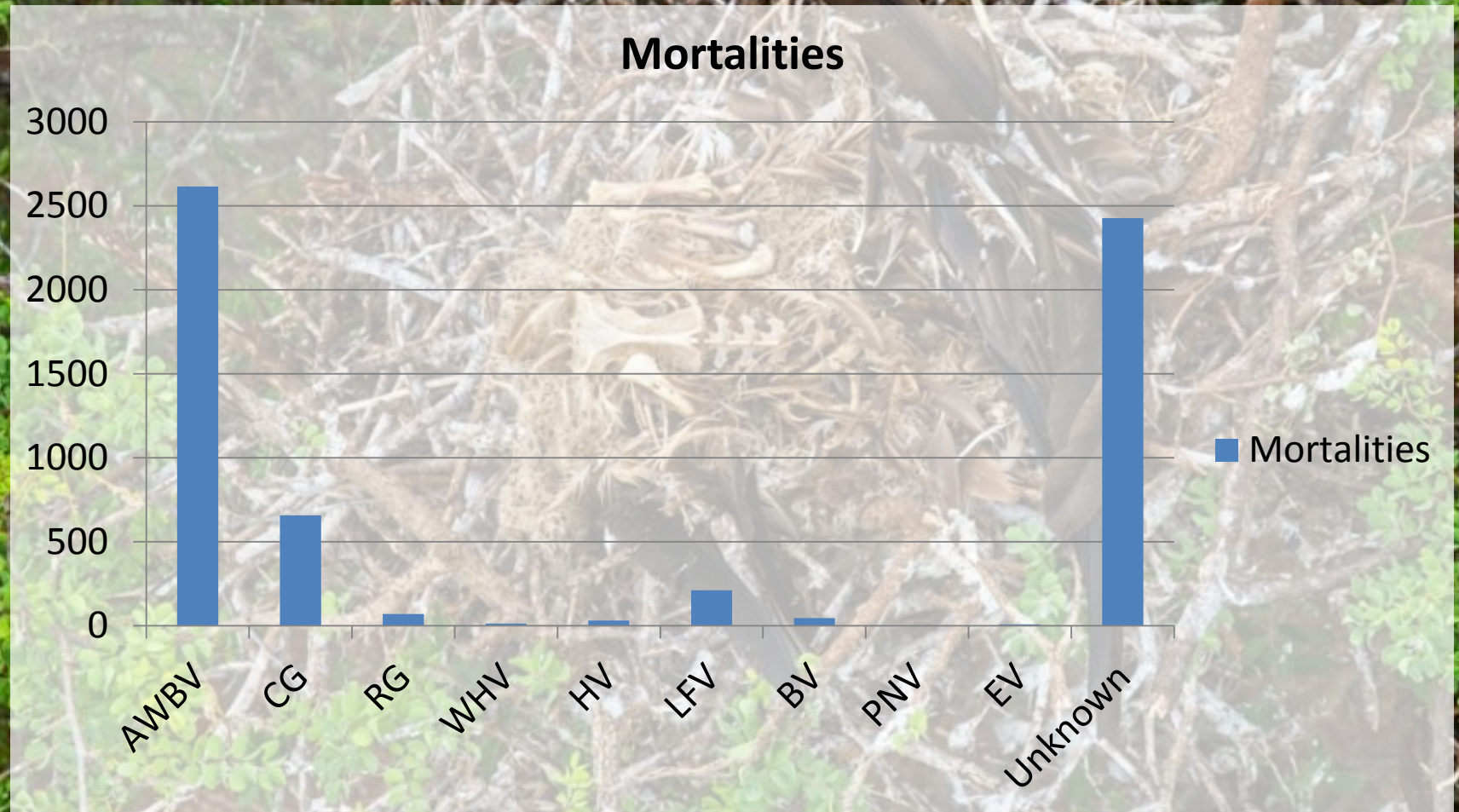


Vulture poisoning – A re-emerging Threat? African Database (183 entries)

1995-2015



Mortalities per Species







Andree Betha 2012



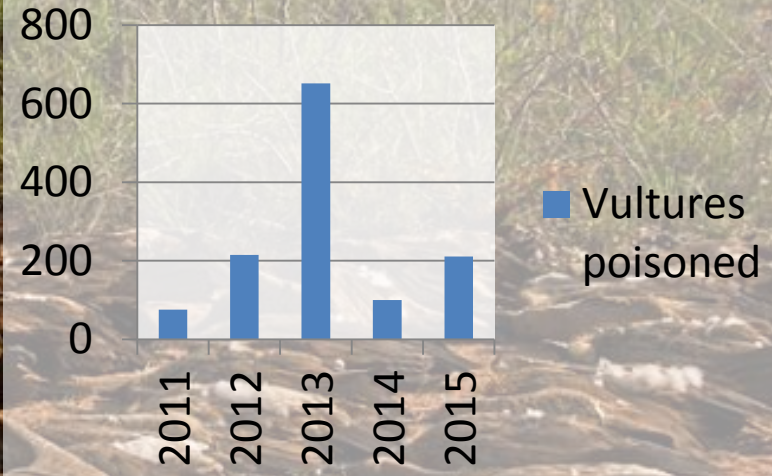


Poaching-related Incidents & Losses (Southern Africa)

Recent incidents in southern Africa:

- Mozambique – 76 birds (June 2011)
- Zimbabwe – 174 birds (August 2012)
- Mkhuze, South Africa – 41 birds (Nov 2012)
- Mozambique – 84 birds (May 2013)
- **Namibia – 400-500 birds June 2013**
- Zambia – 302 birds (Oct 2013)
- Zimbabwe – 219 birds (Oct 2013)
- Imfolozi, South Africa – 37 birds (Nov 2013)
- Hoedspruit, Limpopo – 65 birds (May 2015)
- Botswana – 40 birds (June 2015)
- Mozambique – 42 birds (July 2015)
- Kruger National Park, South Africa – 44 birds (September 2015)
- **Hwange (October 2015) - ??????**

Vultures poisoned



157 Elephant vs. 1913 Vultures

Muthi Trade







Copyright: Marcell Claasen



Other lethal chemical substances



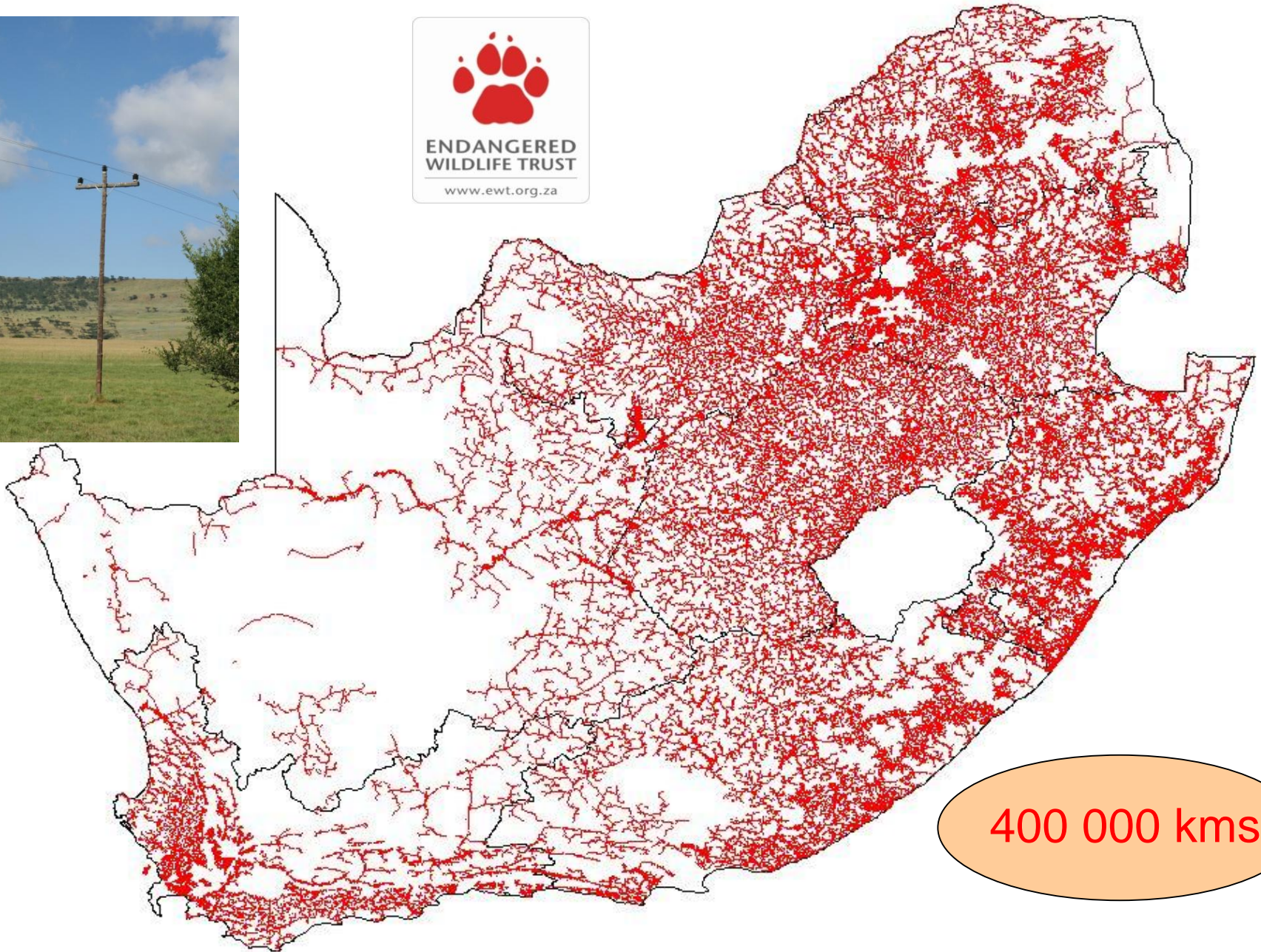
Photo's: Munir Virani

Lead Poisoning

- Poorly studied and understood in African vultures
- Kempenfeldt and other incidents
- All Bearded Vulture samples analysed have high Pb-levels
- Large domestic and international hunting industry
- Conservation bodies – culling and PA Control

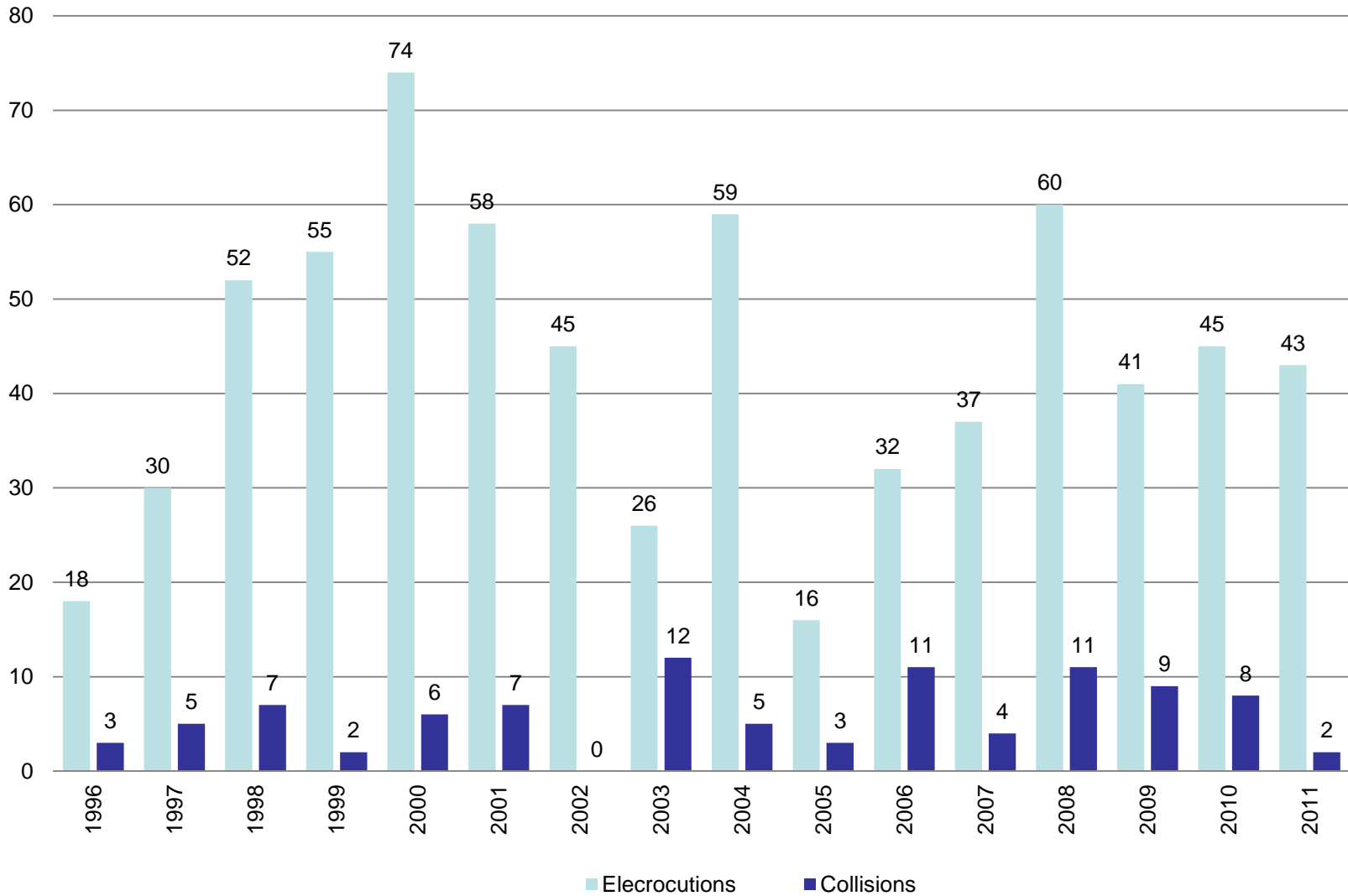


Distribution Network



400 000 kms

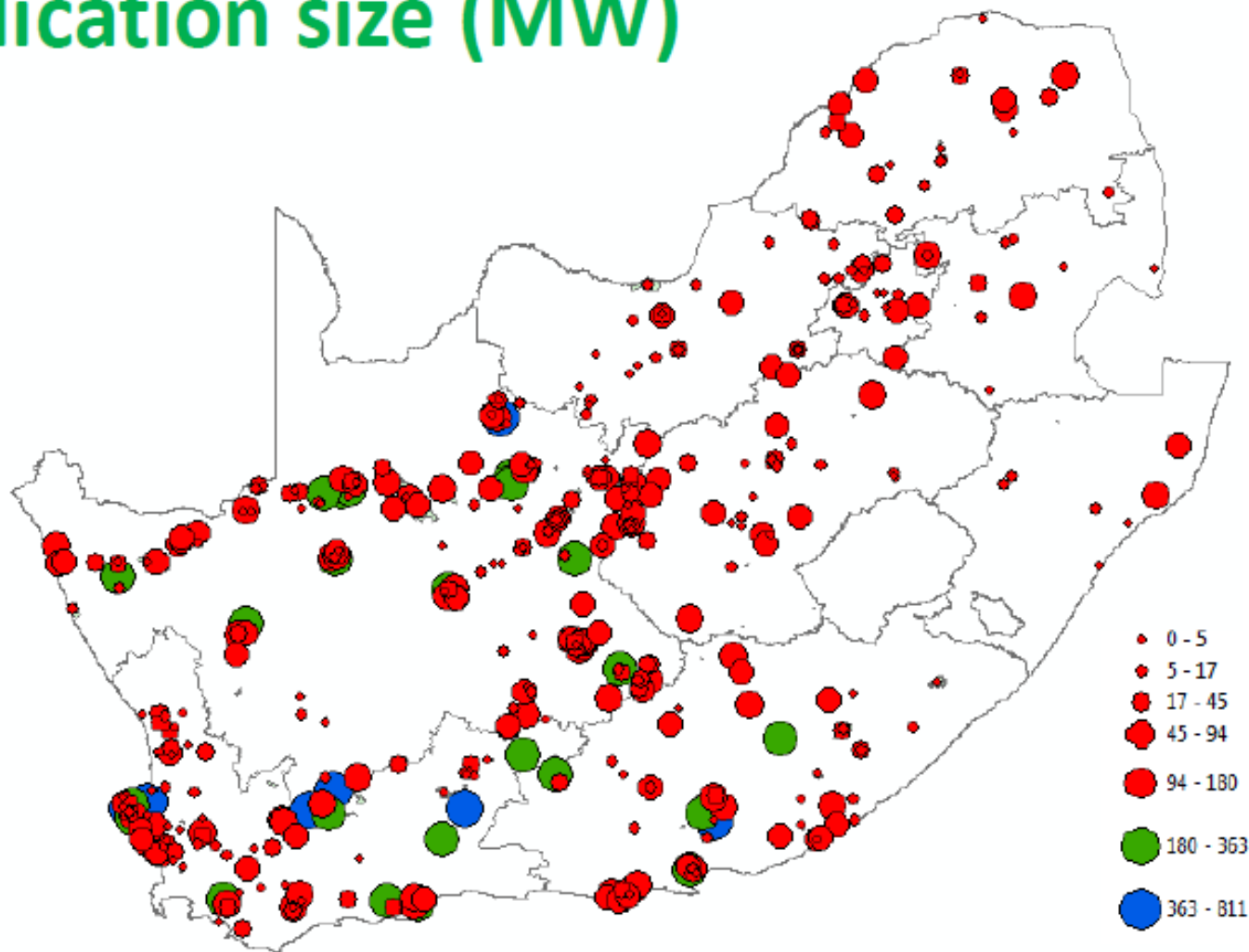
Total Electrocutions vs. Collisions



- 1500+ Wind-farm applications in South Africa
- 4000 Turbines proposed for the Lesotho Highlands
- Developments in Kenya, Tanzania & elsewhere



Application size (MW)



Vulture Feeding Sites



ENDANGERED WILDLIFE TRUST
BIRDS OF PREY PROGRAMME
conservation in action

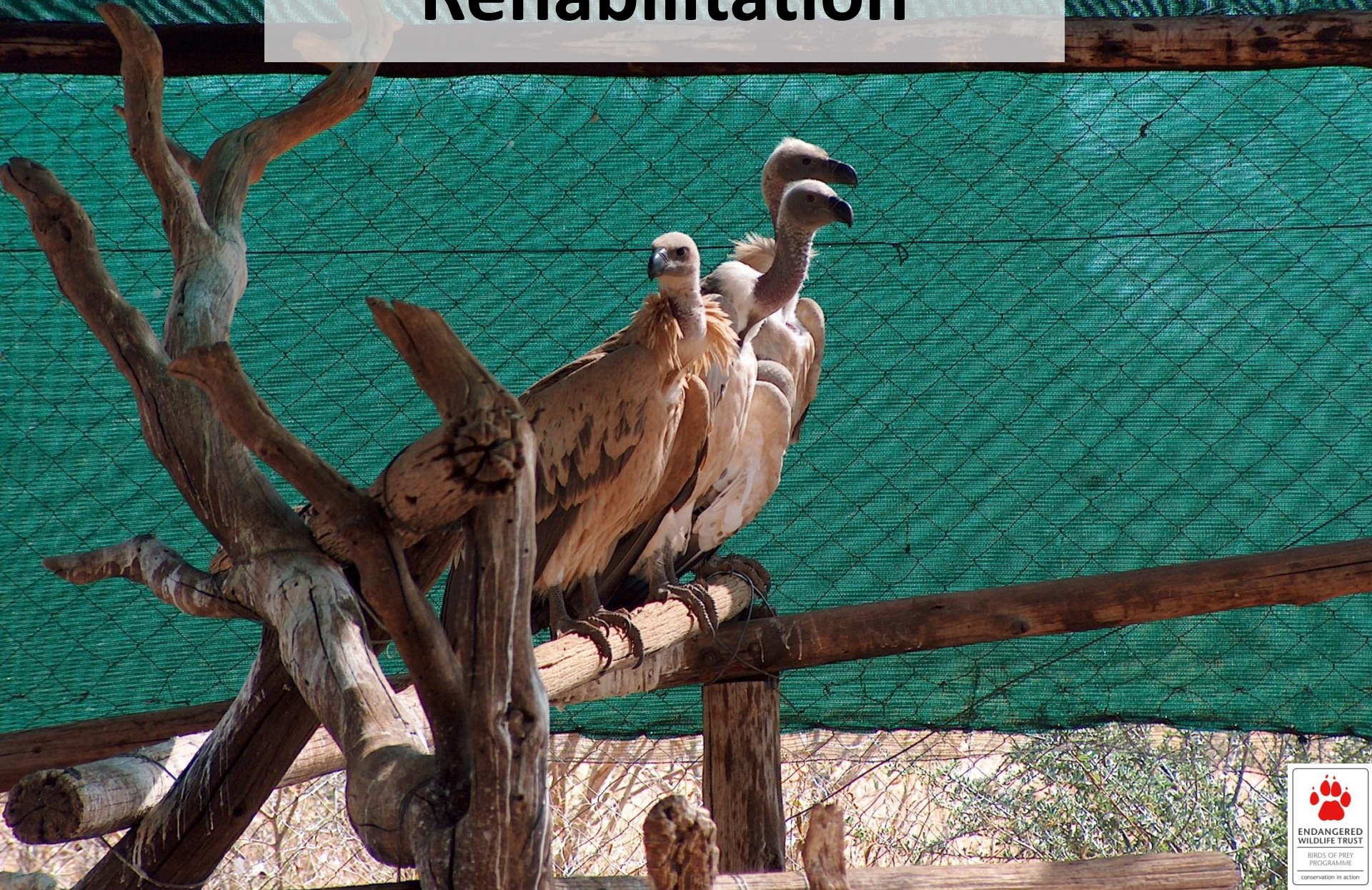
sasol
making new partners

THE SASOL GUIDE
TO THE ESTABLISHMENT AND OPERATION
OF SUPPLEMENTARY FEEDING
SITES FOR VULTURES

Mitigation measures to reduce Electrocutions & Collisions



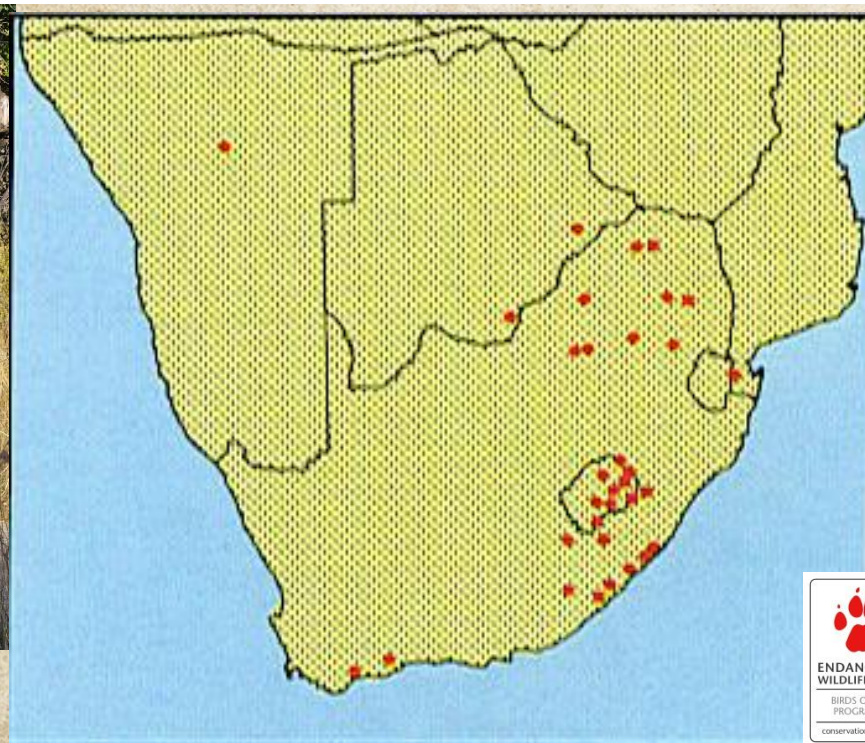
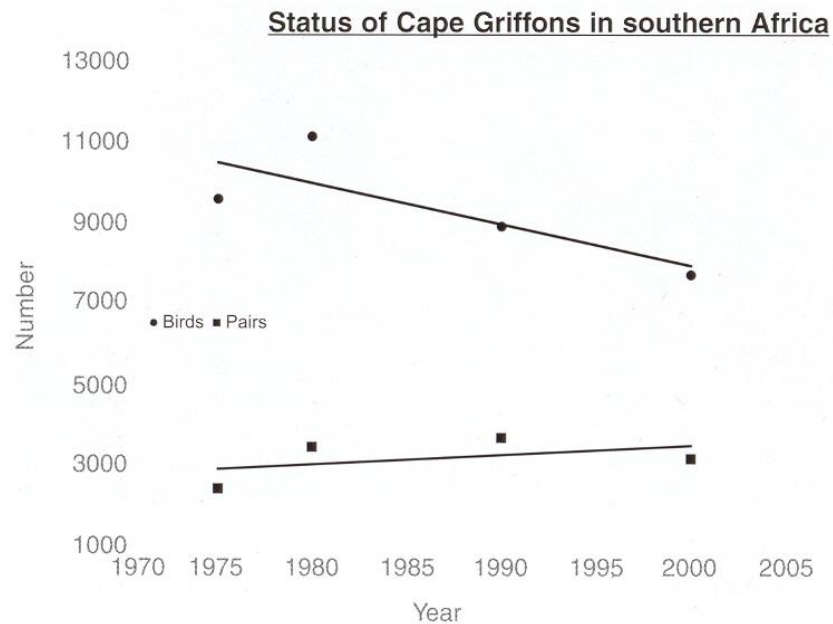
Rehabilitation



Captive breeding



Monitoring & Research

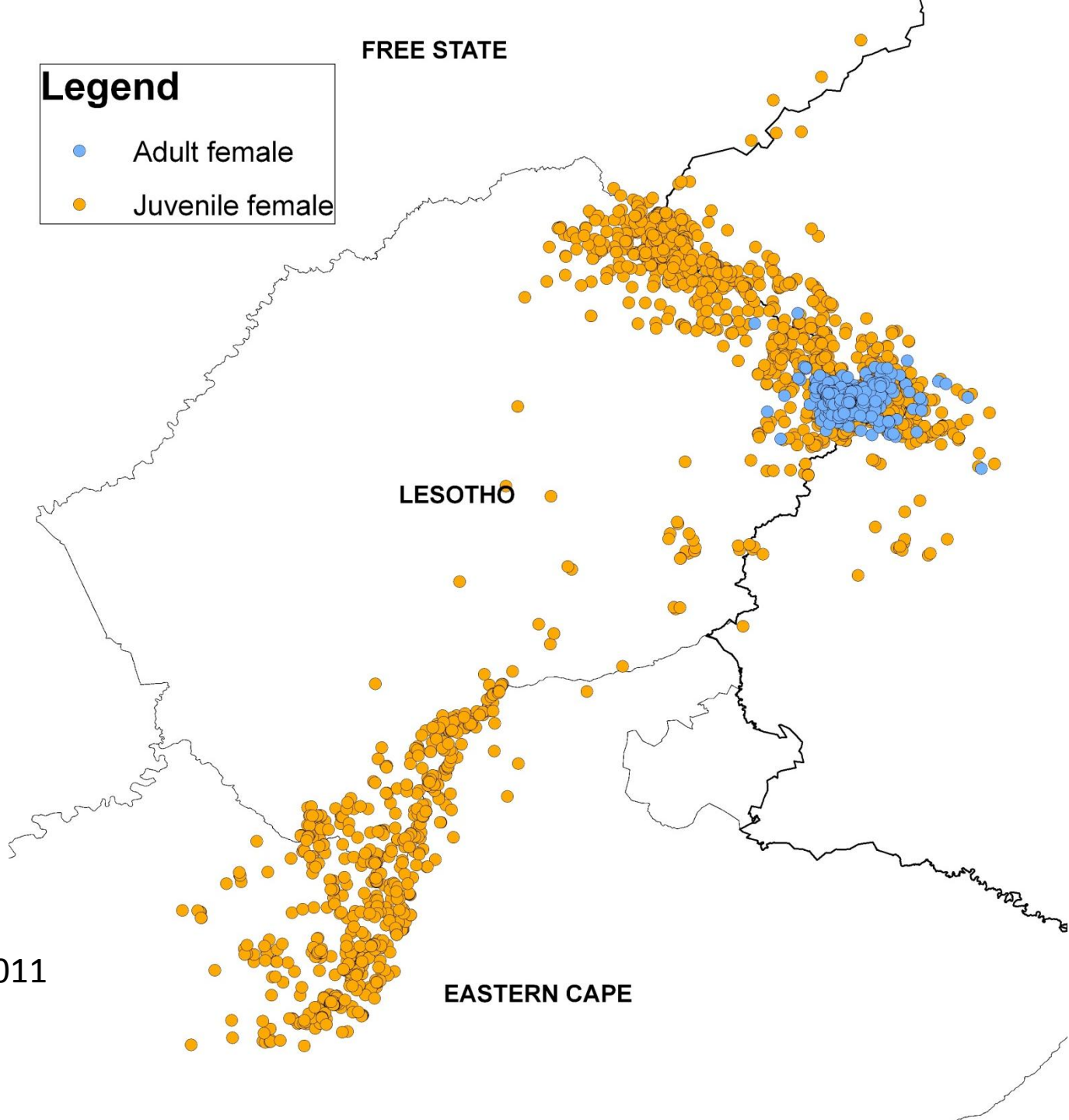






Legend

- Adult female
- Juvenile female



S. Krüger, 2011

EASTERN CAPE

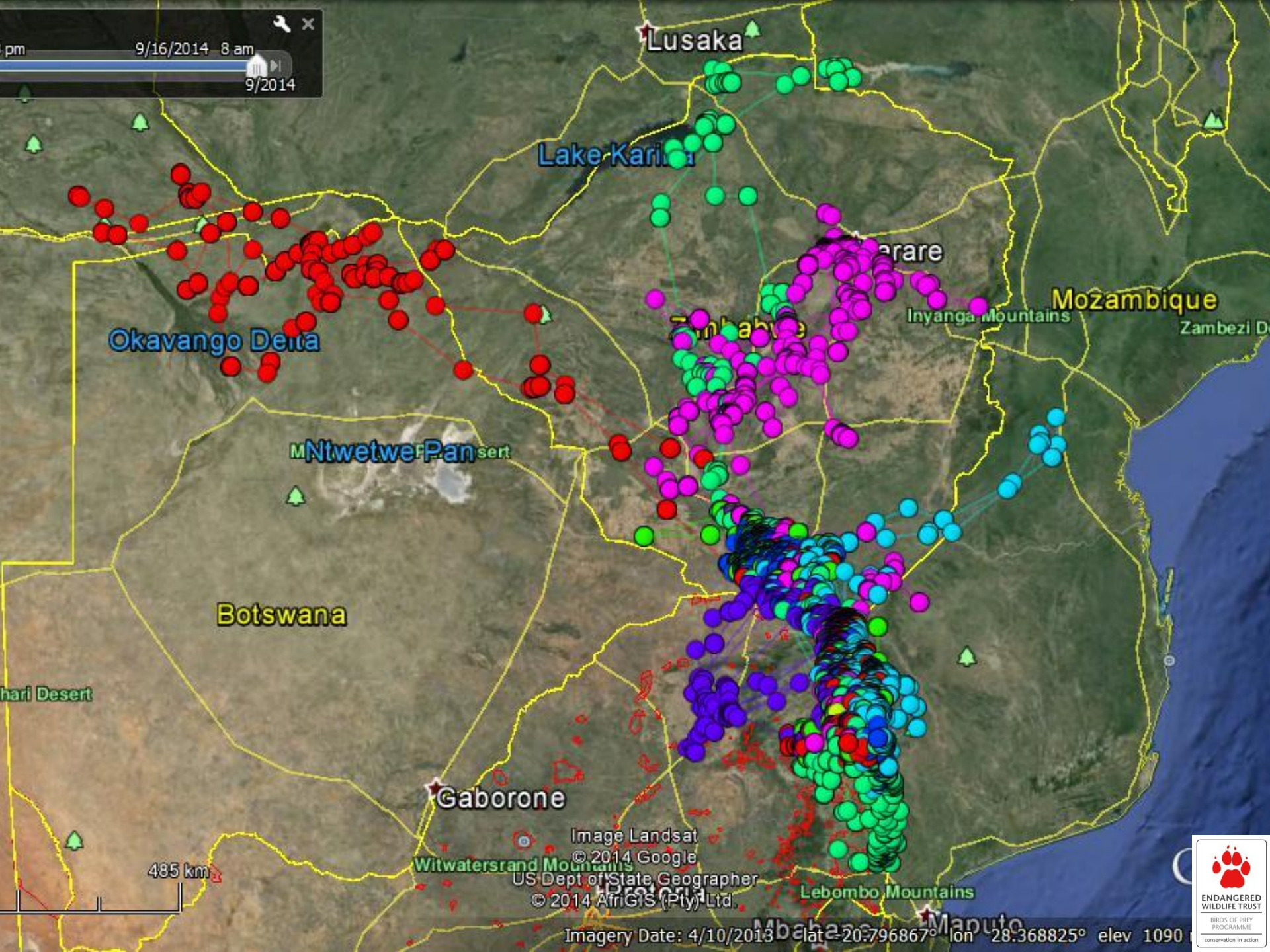


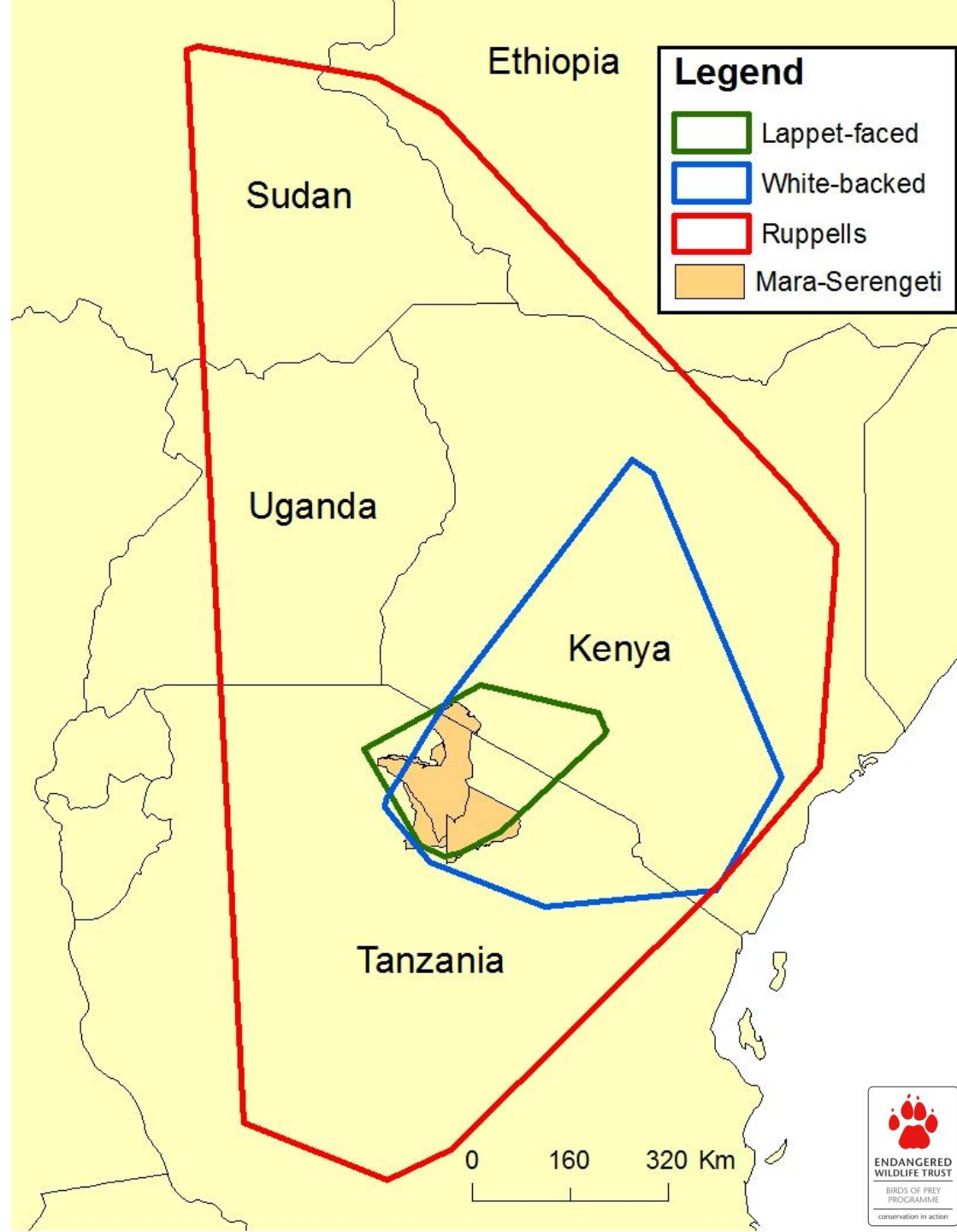
Image Landsat
© 2014 Google
US Dept of State Geographer
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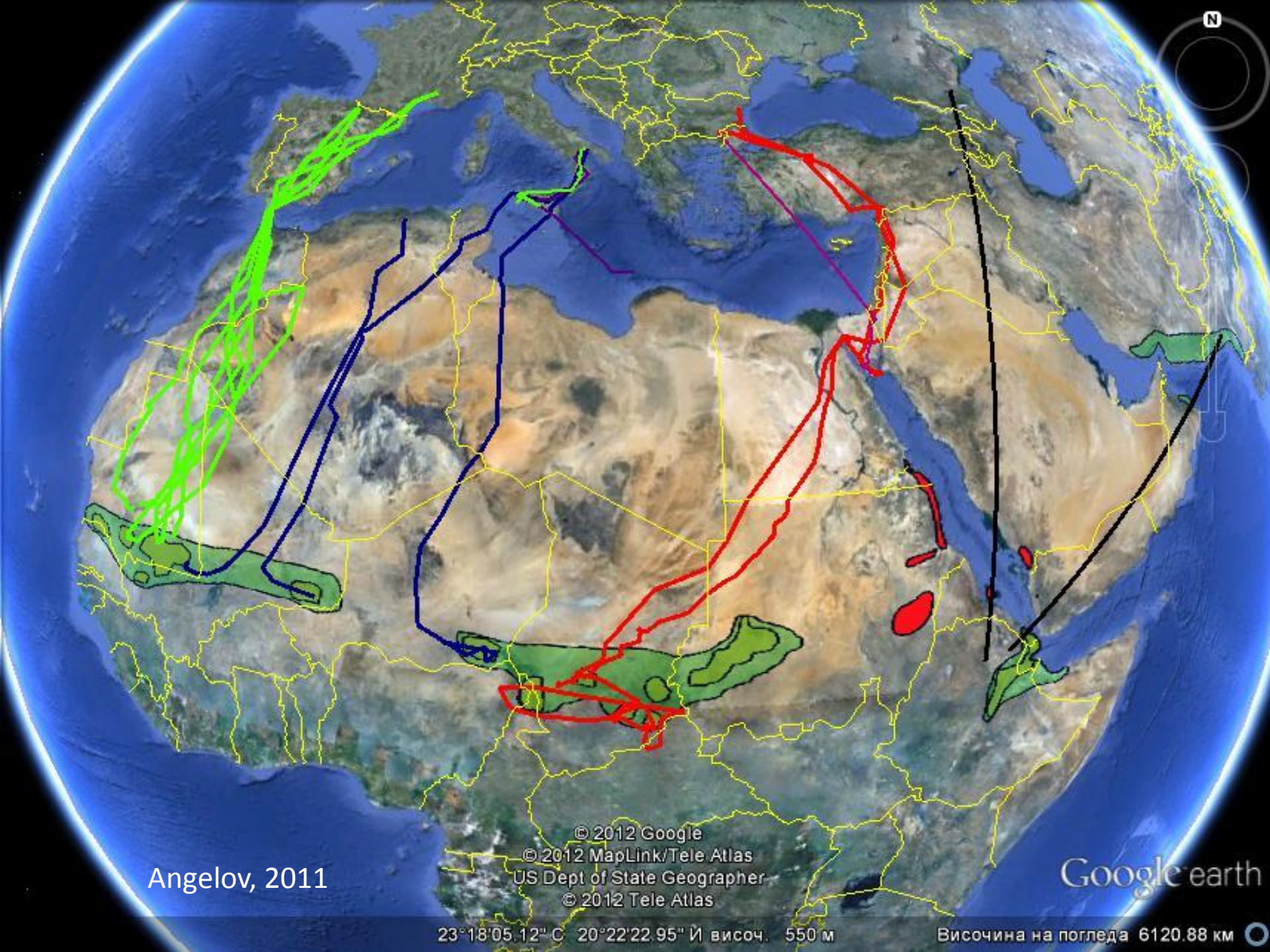
Range Size

Species	Home Range (avg km ²)
Lappet-faced	22,000
White-backed	68,000
Ruppell's	166,000

- Use the landscape at different scales

Kendall, 2011





Angelov, 2011

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US Dept of State Geographer
© 2012 Tele Atlas

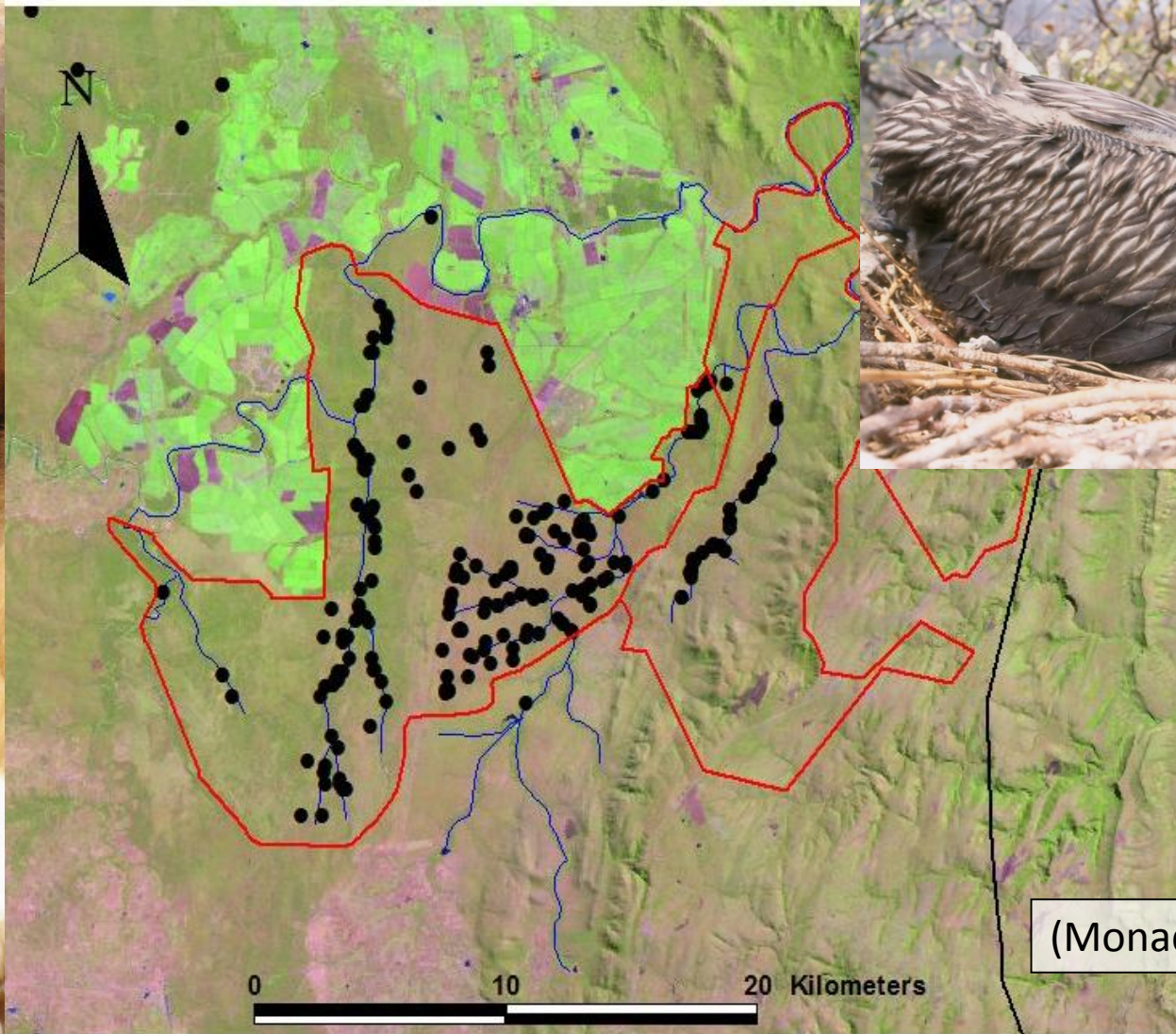
Google earth

23°18'05.12" С 20°22'22.95" И височ. 550 м

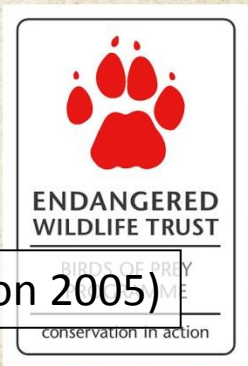
Височина на погледа 6120.88 км

Protected Areas

Vulture nests in Swaziland



(Monadjem & Garcelon 2005)





International
Vulture
Awareness Day

September 5, 2015



Journée internationale
de sensibilisation aux
Vautours

5 septembre 2015



Día Internacional
de los
Buitres

05 de Septiembre 2015



اليوم العالمي
للنّسور

5 سبتمبر 2015



ENDANGERED
WILDLIFE TRUST

BIRDS OF PREY
PROGRAMME

conservation in action



PAN-AFRICAN
VULTURE
SUMMIT

2012

Vision

- Assess the status of African vulture species
- Identify and initiate the implementation of appropriate conservation interventions and actions to attempt to effectively address the key threats to these birds from a continental perspective
- Develop and promote the implementation of a Pan-African Vulture Conservation Strategy

Many challenges!

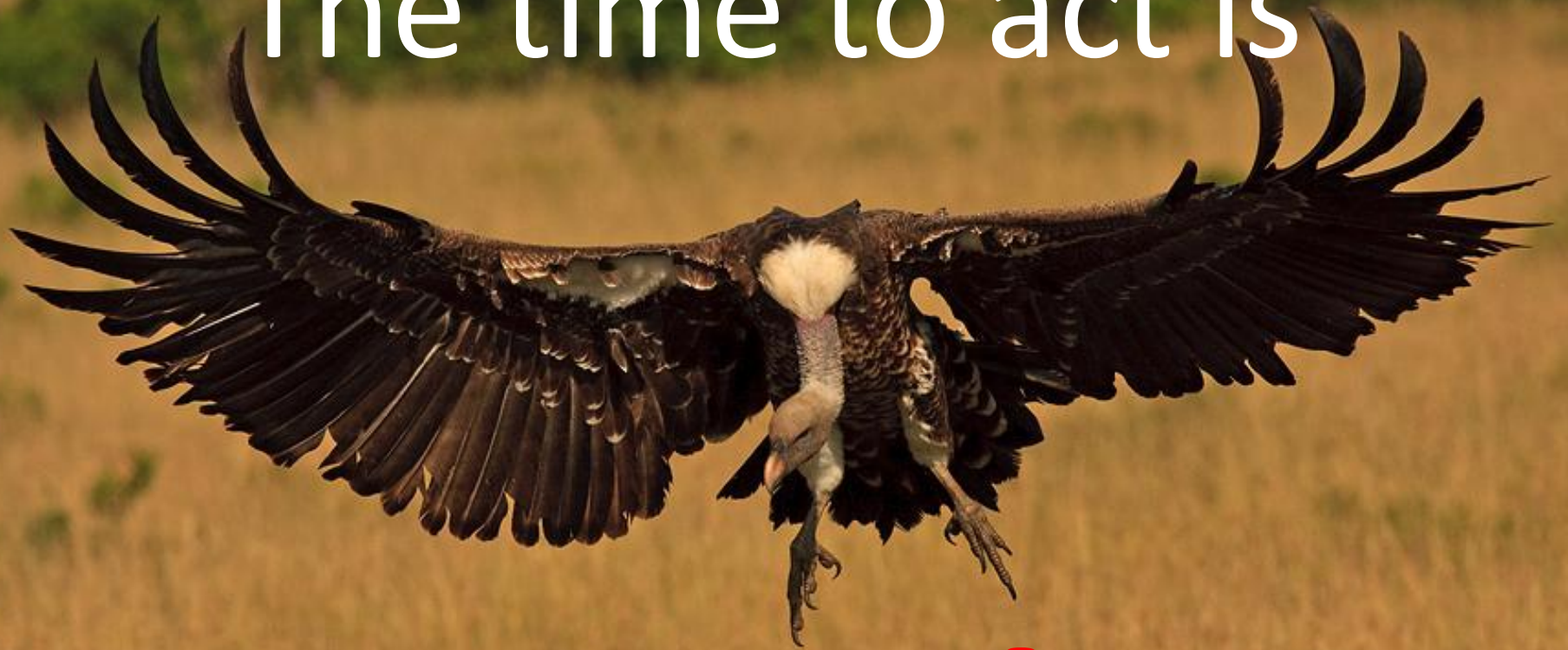
- Scope of the Initiative
- Gaps
- Geographical representivity
- General apathy and lack of knowledge
- Buy-in from key decision-makers and organisations
- Governmental and broader political support

The Way Forward

- Multi-species Action Plan
- Continue promoting the Vulture Agenda within CMS Raptors MoU framework and strategy
- Better coordinate actions between role-players
- Three way strategic partnership – VSG/CMS/BLI
- BirdLife CAP strategic initiative
- 2nd PAVS – PAOC, Senegal October 2016
- Identify and focus new initiatives in gap areas
- Less talking, more doing!



The time to act is



NOW!

