

# ZÁCHRANNÝ PROGRAM PRO ANTILOPU DERBYHO



KAROLÍNA BRANDLOVÁ, ANNA KUBÁTOVÁ, KATEŘINA ŠTOCHLOVÁ, TAMARA FEDOROVA,  
MARKÉTA GRÚŇOVÁ, MARKÉTA GLONEKOVÁ, MAGDALENA MIŘEJOVSKÁ, PAVLA HEJCMANOVÁ

TÝDEN VĚDY, ČZU, 12.11.2019



Czech University of Life Sciences Prague  
**Faculty of Tropical  
AgriSciences**



# ZÁPADNÍ PODDRUH ANTILOPY DERBYHO

## RED LIST



The IUCN Red List of Threatened Species™ 2016-2 [Login](#) | [FAQ](#) | [Contact](#) | [Terms of use](#) | [IUCN.org](#)

[About](#) | [Initiatives](#) | [News](#) | [Photos](#) | [Partners](#) | [Sponsors](#) | [Resources](#) | [Take Action](#)

Enter Red List search term(s)   [OTHER SEARCH OPTIONS](#) [Discover more](#)

[Home](#) » [Tragelaphus derbianus ssp. derbianus \(Western Derby Eland, Western Giant Eland\)](#)

**Tragelaphus derbianus ssp. derbianus** Scope: *Global*  
<http://dx.doi.org/10.2305/IUCN.UK.2008.RLTS.T22056A9354316.en> [Download assessment](#)

NOT EVALUATED DATA DEFICIENT LEAST CONCERN NEAR THREATENED VULNERABLE ENDANGERED **CRITICALLY ENDANGERED** EXTINCT IN THE WILD EXTINCT  
NE DD LC NT VU EN CR EW EX

[Summary](#) | [Classification Schemes](#) | [Images & External Links](#) | [Bibliography](#) | [Full Account](#)

**Taxonomy [top]**

Kingdom	Phylum	Class	Order	Family
Animalia	Chordata	Mammalia	Cetartiodactyla	Bovidae

**Scientific Name:** *Tragelaphus derbianus ssp. derbianus*  
**Species Authority:** (Gray, 1847)  
**Parent Species:** See [Tragelaphus derbianus](#)  
**Common Name(s):**  
English – Western Giant Eland, Western Derby Eland  
English – Eland (in Derby, Queensland)

[Taxonomy](#)  
[Assessment Information](#)  
[Geographic Range](#)  
[Population](#)  
[Habitat and Ecology](#)

[Translate page into:](#)  
 [Vyberte jazyk](#) | ▼

# V MINULOSTI



# DNES

MALI

NIGER

SENEGAL

GAMBIE



GUINE BISSAU

BUKINA FASO

GUINE

BENIN

NIGERIA

SIERRA LEONE

GHANA

TOGO

COTE D'IVOIRE

LIBERIA



# NIKOLO KOBA

JEDNO Z POSLEDNÍCH ÚTOČIŠŤ VELKÉ ZVĚŘE V ZÁPADNÍ AFRICE

POSLEDNÍCH 170???

POSLEDNÍ LETECKÁ FOTOGRAFIE 2006





DERBIANUS  
CONSERVATION

RÉSERVE  
de  
BANDIA

FATHALA  
wildlife reserve réserve naturelle

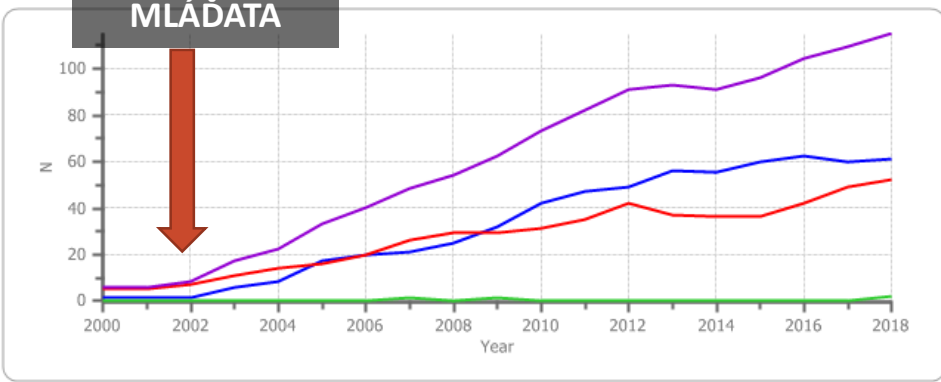


Direction des Parcs Nationaux  
du Sénégal

1 SAMEC A 5 SAMIC (6) V ROCE 2000

PRVNÍ 2 MLÁĎATA

Census



LIFE TABLE  
LAMBDA 1.26



2006

BANDIA

FATHALA



2000

NIOKOLO KOBA

62 SAMCŮ A 53 SAMIC (115) V 6 STÁDECH VE 2 REZERVACÍCH V 2018



S.P.E.F.S sarl  
Société pour la Protection de  
l'Environnement et de la Faune  
au Sénégal

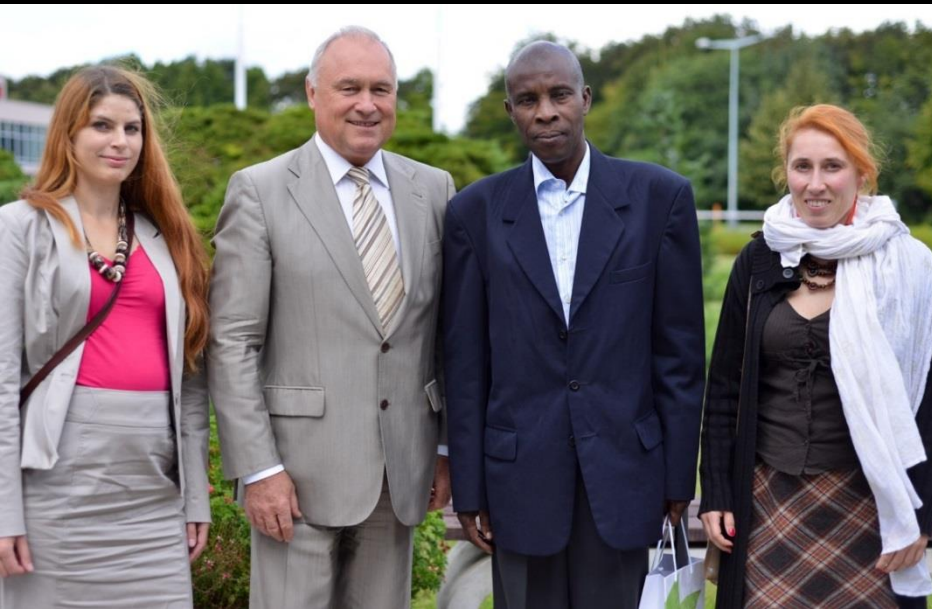
 **ATELIER SUR LA CONSERVATION DE L'ELAND DE DERBY OCCIDENTAL**  
**(Taurotragus derbianus derbianus)**  
**Du 29 au 31 Janvier 2013**  
**Hôtel Le Flamboyant, Saly (MBOUR)**





# POVĚŘENÍ MINISTERSTVY

- V ROCE 2015 **MEMORANDUM O SPOLUPRÁCI MEZI MINISTERSTVY ŽIVOTNÍHO PROSTŘEDÍ ČR A SENEGALU**
- **DERBIANUS CONSERVATION** POVĚŘEN ZÁCHRANOU ANTILOPY DERBYHO



# 3 PILÍŘE OCHRANY

VÝZKUM  
ŘÍZENÍ CHOVU  
VZDĚLÁVÁNÍ



Wildl. Biol. 17: 299-310 (2011)  
DOI: 10.2981/10-019  
© Wildlife Biology, NKV  
www.wildlifebiology.com

Original article

## Population management as a tool in the recovery of the critically endangered Western Derby eland *Taurotragus derbianus* in Senegal, Africa

Karolína Koláčková, Pavla Hejmanová, Markéta Antonínová & Pavel Brandl

Mammalian Biology 80 (2015) 328–332

Contents lists available at ScienceDirect



ELSEVIER

Mammalian Biology

journal homepage: [www.elsevier.com/locate/mambio](http://www.elsevier.com/locate/mambio)



Short Communication

Conservation genetics of the Western Derby eland (*Taurotragus derbianus*) in Senegal: Integration of pedigree and microsatellite data

Hana Zemanová<sup>a</sup>, Barbora Černá Bolfiková<sup>a</sup>, Karolína Brandlová<sup>a,\*</sup>, Pavla Hejmanová<sup>a</sup>, Pavel Hulva<sup>b</sup>

<sup>a</sup> Department of Animal Science and Food Processing, Faculty of Tropical AgriSciences, Czech University of Life Sciences Prague, Prague, Czech Republic  
<sup>b</sup> Department of Zoology, Charles University in Prague, Prague, Czech Republic



# MORFOLOGIE





ELSEVIER

Available online at [www.sciencedirect.com](http://www.sciencedirect.com)



South African Journal of Botany 72 (2006) 256–262

SOUTH AFRICAN  
 JOURNAL OF BOTANY

[www.elsevier.com/locate/sajb](http://www.elsevier.com/locate/sajb)

## A canonical correspondence analysis (CCA) of the vegetation–environment relationships in Sudanese savannah, Senegal

P. Hejmanová-Nežerková\*, M. Hejman

Czech University of Agriculture in Prague, Kamýcká 129, CZ-165 21 Prague, Czech Republic

Received 7 January 2005; accepted 7 September 2005

## Diet composition of western Derby eland (*Taurotragus derbianus derbianus*) in the dry season in a natural and a managed habitat in Senegal using faecal analyses

Pavla Hejmanová<sup>1\*</sup>, Miloslav Homolka<sup>2</sup>, Markéta Antonínová<sup>3,4</sup>,  
 Michal Hejman<sup>5</sup> & Veronika Podhájecká<sup>6</sup>

<sup>1</sup>Faculty of Forestry and Wood Sciences, Czech University of Life Sciences, Prague, Czech Republic

<sup>2</sup>Institute of Vertebrate Biology, Academy of Sciences of the Czech Republic, Brno, Czech Republic

<sup>3</sup>African Parks Network, Garamba National Park, Democratic Republic of Congo

<sup>4</sup>Institute of Tropics and Subtropics, Czech University of Life Sciences, Prague, Czech Republic

<sup>5</sup>Faculty of Environmental Sciences, Czech University of Life Sciences, Prague, Czech Republic

Received 8 June 2009; Accepted 21 December 2009

## African Journal of Ecology

### Exclusion of livestock grazing and wood collection in dryland savannah: an effect on long-term vegetation succession

Pavla Hejmanová<sup>1\*</sup>, Michal Hejman<sup>2</sup>, Abou Aziz Camara<sup>3</sup> and Markéta Antonínová<sup>4</sup>

<sup>1</sup>Institute of Tropics and Subtropics, Czech University of Life Sciences, Kamýcká 129, Prague 6 – Suchbát, 165 21, Czech Republic; <sup>2</sup>Department of Botany, Czech University of Life Sciences, Kamýcká 129, Prague 6 – Suchbát, 165 21, Czech Republic; and <sup>3</sup>Department of Tropical Biology, Faculty of Sciences and Techniques, Cheikh Anta Diop University in Dakar, Dakar, Senegal

#### Abstract

Sahelian savannahs faces increasing pressure from human activities, leading to its degradation. The aim of this study was to investigate the possibility of restoration of dryland savannah vegetation by the elimination of disturbance factors on the ecosystem. In degraded dryland savannah vegetation able to be restored by means of natural suc-

de cette étude était d'étudier la possibilité de restaurer la végétation de la savane sèche en éliminant les facteurs de perturbation de l'écosystème. La végétation de savane sèche est-elle capable de se rétablir par voie de succession naturelle ? Cette étude a eu lieu dans la Réserve de Bandia, située à 45 km au sud-est de Dakar (Sénégal), un site unique qui enclôt deux stades de succession en raison de



Syst Parasitol (2012) 82:121–123  
DOI 10.1007/s11230-012-9352-0

**Description of a new species of *Eimeria* Schneider, 1875  
(Apicomplexa: Eimeriidae) from the western Derby eland  
*Taurotragus derbianus derbianus* Gray (Artiodactyla:  
Bovidae) in Senegal**

Ondřej Máca

Received: 15 November 2011 / Accepted: 1 January 2012  
© Springer Science+Business Media B.V. 2012

**Abstract** Examination of faecal samples from semi-captive western Derby elands *Taurotragus derbianus derbianus* Gray, in the Bandia and Fathala Reserves of Senegal, revealed the presence of oocysts of the genus *Eimeria* Schneider, 1875 that we considered to represent a new species, *Eimeria derbiani* n. sp. The new species possesses nearly ellipsoidal oocysts (length/width ratio 1.3) with a bi-layered wall and an

**Introduction**

The western subspecies of the Derby eland *Taurotragus derbianus* Gray, *T. derbianus derbianus*, is on the Red list of threatened species with a status of critically endangered (IUCN 2011). The natural habitats of this subspecies of antelope are probably currently restricted to the Niokolo Koba National Park (NKNP).

# CHOVÁNÍ



Czech University of Life Sciences Prague  
**Faculty of Tropical  
AgriSciences**



African Zoology 2015, 50(4): 313–320  
Printed in South Africa — All rights reserved

Copyright © Zoological Society  
of Southern Africa  
AFRICAN ZOOLOGY  
ISSN 1562-7620 EISSN 2224-073X  
<http://dx.doi.org/10.1080/15627620.2015.1111167>

## Feeding rank in the Derby eland: lessons for management

Pavla Jůnková Vymyslická, Karolína Brandtová\*, Kateřina Hozdecká, Magdalena Žáčková and Pavla Hejčmanová

Department of Animal Science and Food Processing, Faculty of Tropical AgriSciences, Czech University of Life Sciences Prague, Czech Republic

\* Corresponding author, email: [brandtova@ftz.czu.cz](mailto:brandtova@ftz.czu.cz)

## Does supplemental feeding affect behaviour and foraging of critically endangered western giant eland in an ex situ conservation site?

Pavla Hejčmanová<sup>1</sup>, Pavla Vymyslická<sup>2</sup>, Magdalena Žáčková<sup>2</sup> & Michal Hejčman<sup>2</sup>

<sup>1</sup>Faculty of Tropical AgriSciences, Czech University of Life Sciences, Kamýcká 129, 16521, Prague 6 – Suchbát, Czech Republic

<sup>2</sup>Faculty of Environmental Sciences, Czech University of Life Sciences, Kamýcká 1176, 16521, Prague 6 – Suchbát, Czech Republic

Received 24 July 2012; Accepted 9 July 2013

J Elish (2011) 29:161–168  
DOI 10.1007/s10164-010-0241-1

ARTICLE

## Suckling behavior of eland antelopes (*Taurotragus* spp.) under semi-captive and farm conditions

Pavla Hejčmanová · Pavla Vymyslická · Karolína Kolačková · Markéta Antonínová · Barbora Havlíková · Michaela Stejskalová · Richard Policht · Michal Hejčman

# ŘÍZENÍ CHOVU





96% ZNÁMÉHO PŮVODU


**SALEMATA**

Scientific name: <i>Taurotragus derbianus</i>	Identification number: 1003
English name: Western giant eland	
Birth type: wild born	
Birth location: Niokolo Koba NP, Senegal	
Hybrids status: not a hybrid	
Current location: Bandia Reserve 1, Senegal	
Other characteristics:	1411



**BEMBOU**

Scientific name: <i>Taurotragus derbianus</i>	Identification number: 1004
English name: Western giant eland	
Birth type: wild born	
Birth location: Niokolo Koba NP, Senegal	
Hybrids status: not a hybrid	
Current location: Bandia Reserve 1, Senegal	
Other characteristics:	1413



**AFRICAN STUDBOOK**

**WESTERN GIANT ELAND**  
*Taurotragus derbianus derbianus*  
(GRAY, 1847)



2009  
Current until the 30 June 2009  
English-French version

African Studbook  
Western Giant eland  
*Taurotragus derbianus derbianus* (Gray, 1847)  
Karolina Kaláčková, Pavla Hejzlová, Markéta Ansoňová,  
Pavel Bráník, Petr H. Wimmer (Eds.)  
3rd edition  
Czech University of Life Sciences Prague, 2019









# VZDĚLÁVÁNÍ



Czech University of Life Sciences Prague  
**Faculty of Tropical  
AgriSciences**



Applied Environmental Education & Communication



ISSN: 1533-015X (Print) 1533-0389 (Online) Journal homepage: <http://www.tandfonline.com/loi/aeec20>

**Environmental education supports conservation action by increasing the immediate and long-term environmental knowledge of children in West Africa**

Markéta Grůňová, Karolína Brandlová, Jan Svitálek & Pavla Hejčmanová

To cite this article: Markéta Grůňová, Karolína Brandlová, Jan Svitálek & Pavla Hejčmanová (2017): Environmental education supports conservation action by increasing the immediate and long-term environmental knowledge of children in West Africa, Applied Environmental Education & Communication, DOI: 10.1080/1533015X.2016.1273153



Environmental Education Research



ISSN: 1350-4622 (Print) 1469-5871 (Online) Journal homepage: <http://www.tandfonline.com/loi/ceer20>

**Reliability of the new environmental paradigm for analysing the environmental attitudes of Senegalese pupils in the context of conservation education projects**

M. Grůňová, M. Sané, Jan Cincera, Roman Kroufek & P. Hejčmanová

To cite this article: M. Grůňová, M. Sané, Jan Cincera, Roman Kroufek & P. Hejčmanová (2018): Reliability of the new environmental paradigm for analysing the environmental attitudes of Senegalese pupils in the context of conservation education projects, Environmental Education Research, DOI: 10.1080/13504622.2018.1480000



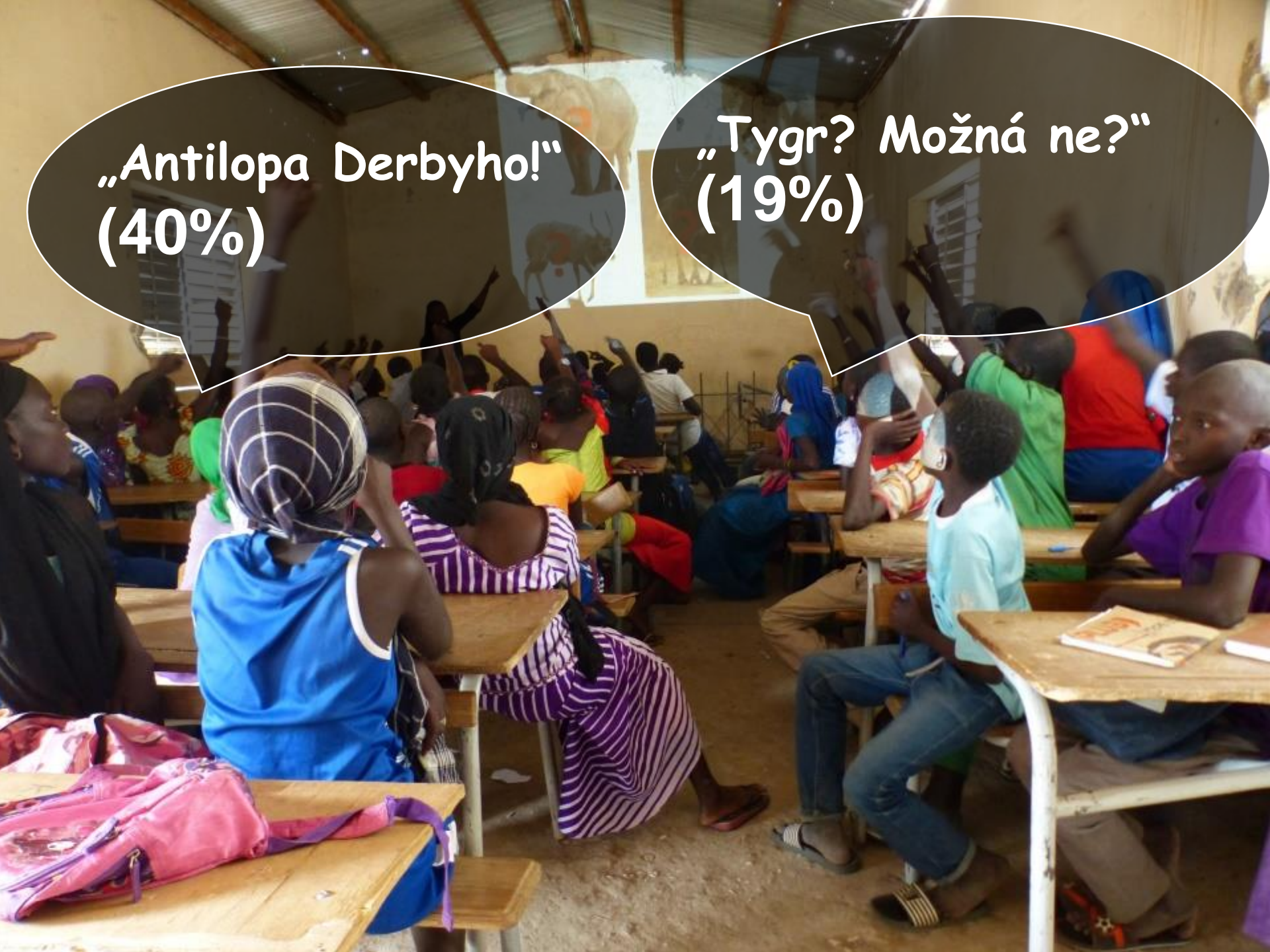
„Antilopa Derbyho? Hmmm“  
0.5%

„Tygr, tygr!!!!“  
34%



„Antilopa Derbyho!“  
(40%)

„Tygr? Možná ne?“  
(19%)





# BEZ VÁS BY TO NEŠLO! DĚKUJEME ZA PODPORU.



PARTNER of



World Association of Zoos  
and Aquariums | **WAZA**  
United for Conservation®



Antelope Specialist Group

