



Pachyderm

Journal of the African Elephant, African Rhino
and Asian Rhino Specialist Groups

July 2016–June 2017

No. 58

Managing Editor

Suzannah Goss

Section Editors

Deborah Gibson–African Elephants

Kees Rookmaaker–African and Asian Rhinos

Editorial Board

Holly T Dublin

Richard Emslie

Deborah Gibson

Mike Knight

Esmond Martin

Benson Okita-Ouma

Robert Olivier

Bibhab K Talukdar

Lucy Vigne

Justine Cordingley

Copy Editors

Andrew Halliday

Suzannah Goss

Design and Layout

Roshni Peshavaria

Suzannah Goss

Address all correspondences, including enquiries about subscription, to

The Managing Editor, Pachyderm

PO Box 68200–00200

Nairobi, Kenya

Tel: +254 20 249 3561/65

Email: pachydermeditor@gmail.com

Website: http://www.iucn.org/african_elephant

<http://pachydermjournal.org>

Reproduction of this publication for educational or other non-commercial purposes is authorized without written permission from the copyright holder provided the source is fully acknowledged.

1 Chair reports / Rapports des Présidants

- 1 African Elephant Specialist Group report/
Rapport du Groupe de Spécialistes de
l'Éléphant d'Afrique

Holly T Dublin

- 17 African Rhino Specialist Group report/
Rapport du Groupe de Spécialistes du
Rhinocéros d'Afrique

Mike Knight

- 36 Asian Rhino Specialist Group report/
Rapport du Groupe de Spécialistes du Rhinocéros
d'Asie

Bibhab K Talukdar

40 Research

- 40 Forage choice of the reintroduced black
rhino and the availability of selected browse
species at Majete Wildlife Reserve, Malawi

Krisztián Gyöngyi and Morten Elmeros

- 51 A pathological condition in elephant dentition

Ian SC Parker

Cover caption: The Godfather, a dominant bull elephant commanded a small waterhole, keeping it all for himself for over an hour, while smaller and younger bulls waited their turn in the shade of wide-spreading acacia trees, or even the sun. All bulls around about respected and acknowledged him as the leader. This emerging “big tusker” is part of the last viable “big tusker” gene pool in African savanna elephants. Should he survive, in some 5-10 years from now he may become one of the finest elephants with tusks-to-the-ground left on the African continent.

©George Dian Balan 2015.

- 58 Behaviour of post released translocated greater one-horned rhinoceros (*Rhinoceros unicornis*) at Manas National Park, Assam, India
Deba Kumar Dutta, Amit Sharma, Rita Mahanta and Anindya Swargowari
- 67 A preliminary study of stakeholders' opinions and perceptions of elephants and elephant management in Botswana
Tempe SF Adams, Michael J Chase, Anna Attard and Keith EA Leggett
- 77 Abundance and nutrient content of some food plants in Sumatran rhino habitat in the forest of Kutai Barat, East Kalimantan, Indonesia
Mukhlisi, Tri Atmoko, Ishak Yassir, Ridwan Setiawan and Arif Data Kusuma
- 88 A tale of two African cities—Ivory trade comparisons in Khartoum/Omdurman and Addis Ababa
Lucy Vigne
- 97 Coupling African elephant movement and habitat modeling for landscape availability-suitability-connectivity assessment in Kruger National Park
Wenjing Xu, Richard Fayrer-Hosken, Marguerite Madden, Chenay Simms, Lan Mu and Andrea Presotto
- 107 The effects of elephants and fire on vegetation at Marakele National Park, South Africa
Piet J van Staden, Hugo Bezuidenhout, Sam Ferreira and George J Bredenkamp

Colour Plates pp. i-viii

123 Management

- 123 The impact of fire and elephants on a mixed woodland in Liwonde National Park, Malawi: the results of a thirty-seven year study
Cornell Dudley
- 135 Reconsidering the use of soy and alfalfa in southern white rhinoceros diets
Christopher W Tubbs, Barbara S Durrant and Matthew R Milnes
-

140 Field notes

- 140 Field note from CITES CoP 17 on elephants and the ivory trade
Sebastien Korwin, Keith Lindsay and Rosalind Reeve
- 144 The Chi Initiative: A behaviour change initiative to reduce the demand for rhino horn in Viet Nam
Susie Offord-Woolley
- 148 The use of ear tufts to assist in the identification of individual black rhinos
Felix Patton
- 152 The Sumatran rhino is one-of-a-kind
Colin Groves
- 154 Ten-year outcomes from the introduction of black rhinos to a new area at Ol Pejeta Conservancy, Kenya
Felix Patton, Samuel Mutisya and Petra Campbell
- 159 Early first white rhino calving and consequent foot problem
Felix Patton and Angie Genade
- 161 A stakeholder assessment of human–elephant conflict in Benin
Chabi AMS Djaoun, Hugues Akpona, Barthélémy Kassa, Nathan Gichohi, Philip Muruthi and Brice Sinsin

167 Review

- 167 Ivory: Power and Poaching in Africa
John Frederick Walker
- 169 Vietnam's Illegal Ivory Trade threatens Africa's Elephants
Suzannah Goss

171 Obituaries

- 171 Robert F Dodson tribute by Mike Korchinsky
173 Graham Child tribute by Brian Child and Ingrid Child
175 Charles Stuart Mackie tribute by Russell Taylor
-

177 Donor updates

177 Oak Foundation—Disrupting criminal networks, promoting and improving existing laws and building global capacity

178 African Fund for Endangered Wildlife—our emphasis on conservation education

180 Guidelines for contributors

Donate to Pachyderm

To support the continued publication of *Pachyderm* and its contribution to the conservation and management of African elephants, African rhinos and Asian rhinos, please click <http://goo.gl/P2CzvK> to donate. Indicate *Pachyderm* in the organisation field.

Acknowledgements

The production of this issue of *Pachyderm* was possible through contributions from a number of organizations and individuals. In particular, we would like to thank the following:



Views expressed in *Pachyderm* are those of the individual authors and do not necessarily reflect those of IUCN, the European Union, the Species Survival Commission or any of the three Specialist Groups responsible for producing *Pachyderm* (the African Elephant Specialist Group, the African Rhino Specialist Group and the Asian Rhino Specialist Group).