

PUBLICATIONS: 2013-14

1. Impact of severe climate variability on lion home range and movement patterns in the Amboseli ecosystem, Kenya. *Global Ecology and Conservation 2* (2014) 1-10

Tuqa JH, Funston P, Musyoki C, Ojwang GO, Gichuki NN, Bauer H, Tamis W, Dolrenry S, Zelfde M, de Snoo GR & de Long HH (2014).

2. Ecological fidelity of functional traits based on species presence absence in a modern mammalian bone assemblage (Amboseli, Kenya). *Paleobiology, 40(4), 2014, pp. 560-583*

Miller JH, Behrensmeyer AK, Du A, Lyons SK, Patterson D, T'oth A, Villasenor A, Kanga E & Reed D (2014)

3. Crop defense and coping strategies: Wildlife raids in Mahiga 'B' village in Nyeri District, Kenya. *African Study Monographs, 35(1): 19-40, April 2014 19*

Musyoki C (2014)

4. Elephant movement closely tracks precipitation-driven dynamics in a Kenya forest-savanna landscape. *Bohrer et al. Movement Ecology 2014, 2:2*

Bohrer G, Beck PSA, Ngene SM, Skidmore AK & Douglas-Hamilton I (2014)

5. First reported case of fatal tuberculosis in a wild African elephant with past human-wildlife contact. *Epidemiol. Infect. (2013), 141 1476-1480. © Cambridge University Press 2013 doi:10.1017/S0950268813000022*

Obanda V, Poghon J, Yongo M, Mulei I, Ngotho M, Waititu K, Makumi J, Gakuya F, Omondi P, Songuer R & Alasaads (2013)

6. Isolation of Tick and Mosquito-Borne Arboviruses from Ticks Sampled from Livestock and Wild Animal Hosts in Ijara District, Kenya. *VECTOR-BORNE AND ZOONOTIC DISEASES, Volume 13, Number X, 2013, Mary Ann Liebert, Inc, DOI:10.1089/vbz.2012.1190*

Lwande OW, Lutomiah J, Obanda V, Gakuya F, Mutisya J, Mulwa F, Michuki G, Chepkorir E, Fischer A, Venter M & Sang R (2013)

7. Opportunistic infection of *Aspergillus* and bacteria in captive cape vultures (Gypsoprotheres). *Asian Pac J Trop Biomed* 2013; 3(5): 401-406
Chege S, Howlett J, Al Qassimi Majid, Toosy Arshad, Kinne Joerg, Obanda Vincent (2013)
8. Genotypic variations in field isolates of *Theileria* species infecting giraffes (*Giraffa camelopardalis reticulata*) in Kenya. *Parasitology International* 62 (2013) 448-453
Githaka N, Konnai S, Skilton R, Kariuki E, Kanduma E, Murata S & Obashi K (2013)
9. Spatio-Temporal Distribution of injured Elephants in Masai Mara and the Putative Negative and Positive Roles of the Local Community. *PLoS ONE* 8(7):e71179.
Doi:10.1371/journal.pone.0071179
- Mijele D, Obanda V, Omondi P, Soriguer RC, Gakuya F, Otiende M, Hongo P & Alasaad S (2013)
10. A reliable, single-step method for gender determination in black rhinoceros from low-copy template DNA. *Conservation Genet Resour*, DOI 10.1007/s 12686.013-9875-y
Cain B, Watts PC, Wandera AB, Wood BS & Shawcross SG (2013)
11. Traumatic myiasis in free-ranging eland, reported from Kenya. *Parasites & Vectors* 2013, 6:80
Obanda V, Ndambiri ME, King'ori E, Gakuya F, Lwande WO & Alasaad S (2013)
12. Zero tolerance: evolving wildlife management in Kenya. *International Journal of Environmental Protection and Policy*, 2013; 1(2): 24-31, doi: 10.11648/j.ijepp.20130102.12
Ngene SM, Skidmore A, Gils H, Muthoni FK, Mutero W & Omondi P (2013)
13. Status and trends of the elephant population in the Tsavo-Mkomazi ecosystem. *Pachyderm No. 53 January-June 2013*
Ngene S, Njumbi S, Nzisa M, Kimitei K, Mukeka J, Muya S, Ihwagi F & Omondi P (2013)
14. Using Range Condition Assessment to Optimize Wildlife Stocking in Tindress Wildlife Sanctuary, Nakuru District, Kenya. *Rangeland Ecol Manage* 66:410-418, July 2013, DOI: 10.2111/REM-D-12-00075.1
Muya SM, Kamweya AM, Muigai AWT, Kariuki A & Ngene SM (2013).

15. An outbreak of anthrax in endangered Rothschild's giraffes in Mwea National Reserve, Kenya. *Veterinary Medicine: Research and Reports* 2013;4 45-48

Kaitho T, Ndeereh D & Ngoru B (2013)

16. Dynamics of dissolved inorganic carbon and aquatic metabolism in the Tana River Basin, Kenya. *Biogeosciences Discuss* 10, 5175-5221.2013 doi:10.5194/bdg-10-5175-2013

Tamooch F, Borges AV, Meysman FJR, Meersche K Van Den, Dehairs F, Merckx R & Bouillon S (2013)

BOOK CHAPTERS

Ngene, S.M., Mukeka, J., Kimutai, D., Ochieng, B. and Omondi, P. (2013) Aerial Census of Elephants and Other Mammals in Shimba Hills, Mkongani, and Mwaluganje Conservation Areas in Kwale County, Kenya. In: *Savannas: Climate, Biodiversity and Ecological Significance* (Eds. C. Perrault and L. Bellamy). Nova Publishers, New York, USA. **ISBN:** 978-1-62618-075-8.

https://www.novapublishers.com/catalog/product_info.php?products_id=37211.

Ngene, S.M., Kimutai, D., Rono, B., Mulandi, P., Mutinda, M. Lekolool, I., Ndeere,D., Mukeka, J., Ouna, W., Gakuya, F. and Omondi, P. (2013) Translocation of Elephants from Moju-Asako to Meru and Aberdare Ecosystems, Kenya. In: *Savannas: Climate, Biodiversity and Ecological Significance* (Eds. C. Perrault and L. Bellamy). Nova Publishers, New York, USA. **ISBN:** 978-1-62618-075-8.

https://www.novapublishers.com/catalog/product_info.php?products_id=37211

Kanga, E.M., Ogutu, J.O., Piepho, H-P., & Olf, H. (2013). Hippopotamus and livestock grazing: influences on riparian vegetation and facilitation of other herbivores in the Mara Region of Kenya. *Landscape Ecological Engineering*, 9:47–58.