

## Smithsonian Institution

# Changes in Mammal Community Structure in Kenya over the Last 100 years Anikó Tóth<sup>1,2</sup>, Kate Lyons<sup>1</sup>, Kay Behrensmeyer<sup>1</sup> <sup>1</sup>Evolution of Terrestrial Ecosystems, Department of Paleobiology, National Museum of Natural History, Smithsonian Institution; <sup>2</sup>The College of William and Mary

Climate change and anthropogenic activity have substantially altered habitats and ecosystems all over the world. Habitat loss, invasive species, and overexploitation are threatening biodiversity. To protect their historical biodiversity and species richness, many countries, such as Kenya, have set aside National Parks. Here we compare mammal communities sampled by museum expeditions in the early 1900s to modern surveys in the same areas to test how these parks are preserving the biological integrity and diversity of historical ecosystems.



comparative and analytical purposes?





Site	Richness	Cha
Naivasha	57	64
Athi-Kaputei Plains	83	110
Maasai-Mara	53	67
Tsavo	58	76
Kakamega	49	63
Samburu	52	60



