

New Issue: May 2022

By Emma Muench, 28th April 2022

Our [May 2022](#) issue shines a spotlight on ungulate conservation, with articles on [saiga](#), [hog deer](#), [Baird's tapir](#), [Kashmir musk deer](#) and more! Our accompanying [Briefly](#) section features recent news on ungulate conservation. The [lead article](#) and cover feature by Tamrat et al. reports on population estimates, genetic variability and competition with livestock of Swayne's hartebeest in Ethiopia. In the [Editorial](#), Maggs et al. reflect on how we can increase capacity for species conservation in the post-2020 Global Biodiversity Framework. The issue also includes a host of Conservation news articles and book reviews!

Find out more about this [issue's](#) content, including our Editor's picks, below:

Ungulate conservation

- Swayne's hartebeest in Ethiopia: population estimate, genetic variability and competition with livestock – [Tamrat et al.](#) (see [blog post here](#))
- Estimating forest antelope population densities using distance sampling with camera traps – [Amin et al.](#)
- A systematic survey of online trade: trade in Saiga antelope horn on Russian-language websites – [Roberts et al.](#)
- Probable extirpation of the hog deer from China: implications for conservation – [Ding et al.](#) (see [blog post here](#))
- Genetic evidence indicates the occurrence of the Endangered Kashmir musk deer *Moschus cupreus* in Uttarakhand, India – [Kumar et al.](#)
- Tapirs in trouble: estimating Baird's tapir densities in the Sierra Madre de Chiapas, Mexico – [Rivero et al.](#)



Behind the cover

Swayne's hartebeest *Alcelaphus bucelaphus swaynei*, once widely distributed in the Horn of Africa, is now limited to two relict populations in the Ethiopian Rift Valley, in Senkele Swayne's Hartebeest Sanctuary and Maze National Park. Investigation of the size and genetic diversity of these two remaining populations indicates a positive population trend in both protected areas, but suggests that spatial overlap with livestock could lead to future population decline as a result of resource competition and disease transmission. Genetic diversity is higher in the larger population in Maze National Park. A translocation of individuals from Senkele Swayne's Hartebeest Sanctuary to other protected areas within the subspecies' former range could reduce the vulnerability of this population. For further details, see [here](#). (Photograph © NaturesMomentsUK/Shutterstock)

Editorial

[How can we increase capacity for species conservation in the post-2020 Global Biodiversity Framework?](#) – Maggs et al.

'Tackling the global biodiversity crisis is a huge challenge for the Parties. Conservation capacity requirements vary between countries, and each will require different levels and types of development to meet this challenge, in particular to determine which actions are most appropriate for reducing species extinction risk within their country. Meeting these national-level capacity needs is a priority to enable Parties to prioritize and align their conservation actions and policies with the Post-2020 Global Biodiversity Framework.'



The hog deer is currently only seen in zoos in China. Left: a male in Beijing Zoo. Right: female hog deer in Shanghai Zoo. Photos: Zhigang Jiang. Read the full blog post [here](#).

Editor's picks

1. Female wanted for the world's rarest turtle: prioritizing areas where *Rafetus swinhoei* may persist in the wild - [Pham et al.](#)
2. Uncovering prevalence of pangolin consumption using a technique for investigating sensitive behaviour - [Olmedo et al.](#) (see blog post [here](#))
3. Clinging to survival: Critically Endangered Chapman's pygmy chameleon *Rhampholeon chapmanorum* persists in shrinking forest patches - [Tolley et al.](#)
4. Field surveys can improve predictions of habitat suitability for reintroductions: a swift fox case study - [Paraskevopoulou et al.](#)

Other content

- Free-ranging dogs as a potential threat to Iranian mammals - [Nayeri et al.](#) (see blog post [here](#))
- Intact forests of the Hkakabo Razi Landscape are a hotspot of bat diversity in South-east Asia - [Bates et al.](#)
- Female wanted for the world's rarest turtle: prioritizing areas where *Rafetus swinhoei* may persist in the wild - [Pham et al.](#)
- The global magnitude and implications of legal and illegal wildlife trade in China - [Jiao & Lee](#)
- Uncovering prevalence of pangolin consumption using a technique for investigating sensitive behaviour - [Olmedo et al.](#) (see blog post [here](#))
- Occupancy patterns of prey species in a biological corridor and inferences for tiger population connectivity between national parks in Bhutan - [Letro et al.](#)
- Biological richness of Gunung Slamet, Central Java, and the need for its protection - [Devenish et al.](#) (see blog post [here](#))
- Status of a second viable population of the Critically Endangered Delacour's langur in Viet Nam - [Nguyen et al.](#)
- Intermediate levels of wood extraction may facilitate coexistence of an endemic arboreal marsupial and Indigenous communities - [González-Ancín et al.](#)

- Clinging to survival: Critically Endangered Chapman's pygmy chameleon *Rhampholeon chapmanorum* persists in shrinking forest patches – [Tolley et al.](#)
- Illegal settlement in the Babile Elephant Sanctuary is threatening the resident elephant population – [Neil & Greengrass](#)
- Field surveys can improve predictions of habitat suitability for reintroductions: a swift fox case study – [Paraskevopoulou et al.](#)



Swayne's hartebeest in Maze National Park. Photo: Misganaw Tamrat. Read the full blog post [here](#).

Conservation news

- Community-led sustainable finance mechanism for conservation in Uganda – [Niwamanya et al.](#)
- New database enhances the accessibility of global biodiversity information for conservation monitoring – [Stephenson & Ruiz de Paz](#)
- Thousands of pastoralists seek refuge in Waza National Park, Cameroon – [Scholte et al.](#)
- The African softshell turtle *Trionyx triunguis* in Senegal – [McGovern](#)
- A historic event marks World Rhino Day 2021 in India – [Dutta & Das](#)
- Searching for two endemic plants on Nusakambangan Island (Indonesia) last collected more than a century ago – [Primamanda et al.](#)
- GlobalTree Portal: visualizing the State of the World's trees – [Beech et al.](#)
- Online trade threatens even inconspicuous wildlife – [Nijman](#)
- Observation of twins in hippopotamus in Nigeria – [Usman et al.](#)
- Northern river terrapins *Batagur baska* reintroduced in Sundarban Tiger Reserve, India – [Singh et al.](#)
- Newly proposed protection list excludes aquatic wildlife, exposing a long-standing wildlife

management problem in China – *Shi et al.*

Book reviews

- [Extinctions: Living and Dying in the Margin of Error](#)
- [All Asian Primates](#)
- [Climate Ghosts: Migratory Species in the Anthropocene](#)

Grants & opportunities

- New Species Survival Commission–Oryx Partnership Fund announced
- Grant opportunities from the Mohamed bin Zayed Species Conservation Fund and Panthera’s Small Cat Action Fund
- The Conservation Leadership Programme Team Awards 2023



Emma Muench

Emma joined the Oryx team in 2018, having previously completed a BSc in Geography at the University of Sussex and an MSc in Conservation Science at Imperial College London. She has a keen interest in marine conservation and has experience working on sea turtle, coral reef, and tropical fish monitoring projects. Her previous research includes an ethological study on the impact of human enrichment on the welfare of captive giant Pacific octopus, and an investigation into the barriers to increased conservation involvement in European zoos.