## CAMBRIDGE

## **JOURNALS**

# Bird Conservation International

Published on behalf of BirdLife International

#### **Editor-in-Chief**

Phil Atkinson, British Trust for Ornithology, UK

Bird Conservation International is a quarterly peerreviewed journal focusing on the conservation of birds and their habitats. The official journal of BirdLife International, it provides stimulating, international and up-to-date coverage of a broad range of conservation topics, using birds to illuminate wider issues of biodiversity, conservation and sustainable resource use. Bird Conservation International publishes original papers and reviews, including specifically targeted articles and recommendations by leading experts.

## **Price information**

is available at: http://journals.cambridge.org/bci

#### Free email alerts

Keep up-to-date with new material – sign up at http://journals.cambridge.org/bci-alerts



#### Bird Conservation International

is available online at: http://journals.cambridge.org/bci

#### To subscribe contact Customer Services

### in Cambridge:

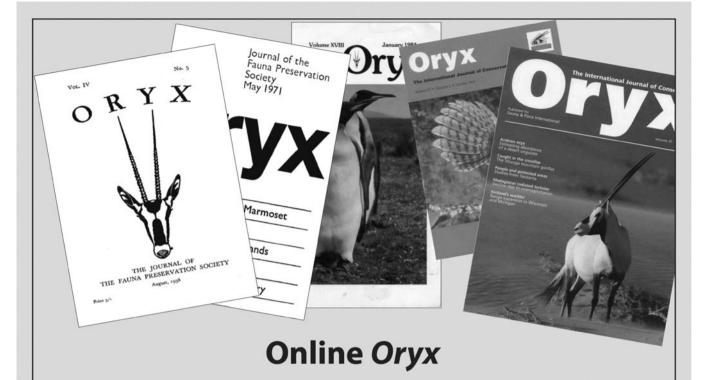
Phone +44 (0)1223 326070 Fax +44 (0)1223 325150 Email journals@cambridge.org

#### in New York:

Phone +1 (845) 353 7500 Fax +1 (845) 353 4141 Email subscriptions\_newyork@cambridge.org

For free online content visit: http://journals.cambridge.org/bci





Access to the electronic version of *Oryx* is something many of our members have asked for. We are now therefore delighted to be able to offer online access to the journal. Online access provides readers with:

- electronic access to past Oryx issues dating from 1950
- instant access (no waiting for the post!)
- access to the Oryx archive search facility
- the opportunity to reduce their use of paper and packaging

Whether you are an existing *Oryx* subscriber or are considering becoming a member of Fauna & Flora International to gain access to one of conservation's foremost journals, *Oryx* online is available to all. *Oryx* is valued around the world, both by those who read the journal and by the scientists who publish in and use the journal for their conservation work.

'Your support is much appreciated and comes as a breath of fresh air in this highly tensed academic atmosphere.'

— Malika Virah-Sawmy, conservationist in Madagascar and Oryx author

'I have read the July issue from cover to cover and find it really informative for my MSc in Wildlife Management and Conservation.'

- Kenny Armstrong, student

Online access to *Oryx* is available to both existing and new members. Those wishing to join Fauna & Flora International as a member can do so by visiting

## www.fauna-flora.org/membership

Once you have subscribed we will contact you to ask whether you would prefer to receive *Oryx* online or as a printed copy. If you change your mind later your preference can be amended at any time.

Existing members can contact Fauna & Flora International's Membership Secretary Ken Richard on +44 (0)1223 579472 or ken.richard@fauna-flora.org to find out more and to discuss their preference. Please rest assured that if we don't hear from you we will continue to send a printed copy of *Oryx* to you.

Photo credit: JP Moreiras / FFI



# A LIFETIME DEDICATED TO CONSERVATION

## Our Vision

A sustainable future for the planet, where biodiversity is effectively conserved by the people who live closest to it, supported by the global community

## **Our Mission**

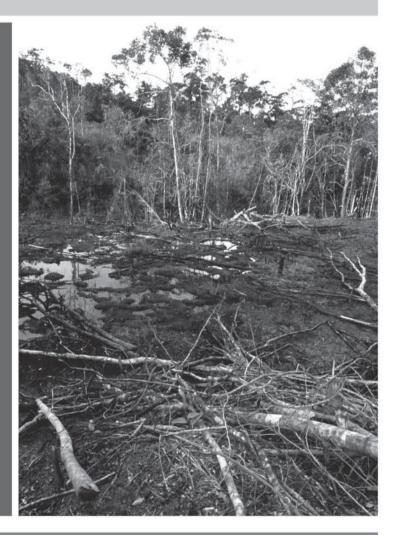
Fauna & Flora International acts to conserve threatened species and ecosystems worldwide, choosing solutions that are sustainable, based on sound science and take account of human needs



66 I have been a member of Fauna & Flora International since the 1950s... investment in the work of FFI is truly an investment in the future of our planet

Sir David Attenborough

JOIN US TODAY & BE A PART OF SAFEGUARDING THE FUTURE OF LIFE ON EARTH



# **SUPPORT FAUNA & FLORA INTERNATIONAL**

Please consider one of the following ways in which you can make a world of difference to the survival of species:

- Become a Member of Fauna & Flora International at www.fauna-flora.org/membership
- Remember Fauna & Flora International in your will at www.fauna-flora.org/leave-a-legacy
- Make a donation today at www.fauna-flora.org/donate

To find out more please see over the page.

## **THANK YOU**





# **CONTACT US**

To find out more about how you can help

Fauna & Flora International please get in touch in one of the following ways:

Visit our website www.fauna-flora.org

By email at info@fauna-flora.org

Contact us by **post** at one of our international offices:

## In the UK:

Fauna & Flora International 4th Floor, Jupiter House Station Road Cambridge CB1 2JD

## In the USA:

Fauna & Flora International US 1720 N Street NW, Washington DC 20036 USA

## In Australia:

Fauna & Flora International Australia 62 Cambridge Street Collingwood Victoria 3066 Australia

## Telephone us:

In the UK: +44 (0)1223 57 1000 In the USA: +1 202 375 7766 In Australia: +61 (0)3 9416 5220

## **THANK YOU**





## Instructions for contributors

Before submitting material to *Oryx—The International Journal of Conservation* please carefully read and follow the journal's full Instructions for contributors (including the General instructions, Guidelines for preparation of figures and plates, and the Code of conduct for researchers contributing articles) at oryxthejournal.org.

### How to submit a manuscript

By submitting an article to Oryx you join an international community of conservation practitioners, researchers and academics. Necessarily high standards mean that not all manuscripts are accepted, but following the advice in the full Instructions for contributors at oryxthejournal.org will facilitate your submission. To submit material to the journal you will need to create an account at mc.manuscriptcentral. com/oryx. All article types, Letters, replies to Letters and Conservation News items must be submitted online. During the submission you will be asked to indicate that the submitted manuscript has not been published, or submitted for publication, elsewhere, that all authors have abided by the Code of conduct for researchers contributing articles, and that all authors have read the submitted manuscript and agreed to its submission. You will then be given a unique reference number that you must use in all correspondence with the Editorial Office, always including it in the subject line of any e-mail so that we can respond promptly.

#### **General instructions**

See the full General instructions at oryxthejournal.org for details of the types of articles that *Oryx* considers, manuscript requirements, the prescription for the presentation of text, Tables, Figures, Plates and Appendices/Supplementary material, and other relevant matters.

## **Open Access option**

The Cambridge Open Option gives authors the option to make their articles freely available to everyone, immediately on publication, in exchange for a one-off charge paid either by the authors or by their associated funding body. Payment of this one-off fee entitles permanent archiving both by Cambridge University Press and by the author, and enables anyone else to view, search and download an article for personal and non-commercial use. See oryxthejournal.org for full details.

## **Guidelines for preparation of figures and plates**

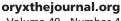
Figures are printed at widths of 79, 107.5 and 165 mm (3.1, 4.2 and 6.5 inches, respectively); wherever possible, design for the narrower widths. See recent issues of the journal for examples of suitably designed Figures. Plates (i.e. photographs) are usually printed at 79 mm width. On initial submission Figures and Plates can be at low to medium resolution as long as they are legible. For accepted articles we require Figures and Plates at publication quality. We welcome colour Figures and Plates but they can be printed only at the author's expense; contact the Editorial Office for a costing. Figures and Plates can, however, be published in colour online and greyscale in print at no cost to the author; in such cases authors need to ensure that any colour graphic will also reproduce well in greyscale. See oryxthejournal.org for the full guidelines.

# Code of conduct for researchers contributing articles

We believe it is important that conservation research conforms to the highest possible ethical and legal standards, and the journal therefore has a Code of conduct for researchers contributing articles. When you submit an article for consideration by *Oryx* you will be required to assent that all authors on the article have abided by this Code of conduct. See oryxthejournal.org for the full text.

#### How to submit other material

Oryx is well known for its coverage of international conservation news and related matters, and we welcome contributions to these sections of the journal. Send all prospective Briefly news and details of Grants & Opportunities to the Editorial Office. To submit Letters, replies to Letters and Conservation News items see oryxthejournal.org. Deadlines for material for the Briefly (news items < 6 months old and <150 words in length summarizing recent conservation developments that have been published by authoritative sources, including websites), Conservation News (major recent developments, <6 months old and <700 words, in conservation or important announcements that have not been published elsewhere) and Grants & Opportunities (short descriptions, < 350 words, of grants and funding opportunities for conservationists) sections are 1 October, 1 January, 1 April and 1 July for the January, April, July and October issues, respectively. See oryxthejournal.org for full details.





643

652

659

Volume 49 · Number 4 October 2015

565 567 577	What is conservation? <i>C. Sandbrook</i> Briefly Conservation news	669 677	Factors influencing the occurrence and vulnerability of the Travancore tortoise <i>Indotestudo travancorica</i> in protected areas in south India, <i>V. Deepak &amp; K. Vasudevan</i> Assessing the efficacy of direct conservation interventions: clutch protection of the leatherback marine turtle in the Dominican Republic, <i>O. Revuelta, Y.M. León, A.C. Broderick, P. Feliz, B.J. Godley, J.A. Balbuena et al.</i> Dead or alive? Comparing costs and benefits of lethal and non-lethal human—wildlife conflict mitigation on livestock farms, <i>J.S. McManus, A.J. Dickman, D. Gaynor, B.H. Smuts &amp; D.W. Macdonald</i>
581 584	Crocodile conservation Using predator attack data to save lives, human and crocodilian, <i>S. Pooley</i> Co-occurring cryptic species pose challenges for conservation: a case study of the African dwarf crocodile ( <i>Osteolaemus</i> spp.) in Cameroon, <i>N.L. Smolensky</i>	687	
		696	Conservation ecology of rare plants within complex local
591	<b>Carnivore conservation</b> Saharan cheetah <i>Acinonyx jubatus hecki</i> , a ghostly dweller		habitat networks, B.J. Crain, A.M. Sánchez-Cuervo, J.W. White & S.J. Steinberg
	on Niger's Termit massif, C. Sillero-Zubiri, S. Rostro-García, D. Burruss, A. Matchano, A. Harouna & T. Rabeil	704	Conservation status of the Endangered Nubian dragon tree Dracaena ombet in Gebel Elba National Park, Egypt,
595	Survival rates and causes of mortality of leopards <i>Panthera</i> pardus in southern Africa, <i>L.H. Swanepoel, M.J. Somers</i> ,	710	M. Kamel, U.M. Ghazaly & M.W. Callmander Conservation status of chimpanzees Pan troglodytes verus
604	W. van Hoven, M. Schiess-Meier, C. Owen, A. Snyman et al. The effect of alternative forms of hunting on the social organization of two small populations of lions <i>Panthera leo</i>		and other large mammals in Liberia: a nationwide survey, C.G. Tweh, M.M. Lormie, C.Y. Kouakou, A. Hillers, H.S. Kühl & J. Junker
611	in southern Africa, <i>A. Snyman, C.R. Jackson &amp; P.J. Funston</i> Assessing the distribution of a Vulnerable felid species:	719	Potential habitat corridors and restoration areas for the black-and-white snub-nosed monkey <i>Rhinopithecus bieti</i> in
	threats from human land use and climate change to the kodkod <i>Leopardus guigna</i> , G.A.E. Cuyckens, M.M. Morales	727	Yunnan, China, <i>L. Li, Y. Xue, G. Wu, D. Li &amp; P. Giraudoux</i> Threatened birds of the Angolan Central Escarpment:
619	& M.F. Tognelli Density of threatened ocelot <i>Leopardus pardalis</i> in the		distribution and response to habitat change at Kumbira Forest, A. Cáceres, M. Melo, J. Barlow, P. Cardoso,
	Sierra Abra-Tanchipa Biosphere Reserve, San Luis Potosí, Mexico, A. Martínez-Hernández, O. César Rosas-Rosas,	735	F. Maiato & M.S.L. Mills Rainforest disturbance affects population density of the
	F. Clemente-Sánchez, L.A. Tarango-Arámbula, J. Palacio-	,	northern cassowary Casuarius unappendiculatus in Papua,
626	Núñez, L.C. Bender & J.G. Herrera-Haro Recovering the jaguar Panthera onca in peripheral range: a challenge to conservation policy, T. Povilitis	743	Indonesia, <i>M. Pangau-Adam, M. Mühlenberg &amp; M. Waltert</i> Aligning conservation and research priorities for proactive species and habitat management: the case of dugongs
632	Presence of the Endangered Amur tiger <i>Panthera tigris</i> altaica in Jilin Province, China, detected using non-invasive genetic techniques, A. Caragiulo, Y. Kang, S. Rabinowitz, I. Dias-Freedman, S. Loss, XW. Zhou et al.		Dugong dugon in Johor, Malaysia, L.S. Ponnampalam, J.H. Fairul Izmal, K. Adulyanukosol, J.L.S. Ooi & J.E. Reynolds III
		750	Acknowledgements
636	Providing health care to improve community perceptions of protected areas, C.A. Chapman, B. van Bavel, C. Boodman,	Cover As human populations grow and transform undeveloped terrestrial and aquatic habitats, human–wildlife conflict inevitably	



E.J. Milner-Gulland





increases. This is particularly problematic for large predators and the

people who live alongside them. One of the most significant conflict species in Africa is the Nile crocodile Crocodylus niloticus (seen here on

the bank of the Rufiji River, Selous Game Reserve, Tanzania). Attacks by this crocodile on people are apparently more prevalent in the warmer,

wetter months but the available explanations for this are overlapping and uninvestigated. Data on attacks are now being made more accessible,

to raise awareness and to generate useful knowledge to help save lives,

both human and crocodilian. For further details, see pp. 581-583.

(Photograph © Charlie Summers/NaturePL)

R.R. Ghai, J.F. Gogarten, J. Hartter et al.

The role of bushmeat in a West African agricultural landscape,

J.S. Alexander, J. McNamara, J.M. Rowcliffe, J. Oppong &

Spatial and temporal patterns of harvesting of the Vulnerable pig-

nosed turtle Carettochelys insculpta in the Kikori region, Papua

New Guinea, C.C. Eisemberg, M. Rose, B. Yaru & A. Georges

Red List assessments of East African chameleons: a case study of why we need experts, A. Hjarding, K.A. Tolley &