The International Journal of Conservation

Published for Fauna & Flora International

www.oryxthejournal.org

April 2009 · Volume 43 · Number 2

Conservation in

Perspectives Giant panda Bats

Tibetan antelope migration Fencing, rangeland management and calving grounds

Species conservation Sino-Mongolian beaver Black crested gibbon Chinese crested tern

Chelonian trade China's largest pet market

> **Bats as bushmeat** A global review

Argali in Ladakh Effects of a hunting ban

Olive ridley turtle in French Guiana Back from the brink of regional extirpation?

Meat and fish consumption in the Serengeti Importance of migratory herbivores

Land cover change in Madagascar Forests in Kirindy Mite National Park

Subterranean herpetofauna in South Africa A decline after 34 years

10.1017/S0030605309432137 Published online by Cambridge University Press

The International Journal of Conservation

ISSN 0030-6053 Fauna & Flora International Patron Her Majesty The Queen

A company limited by guarantee registered in England 2677068 Registered Charity 1011102

A registered 501(c)(3) non-profit organization EIN #04-2730954 in the United States of America

FFI, 4th Floor, Jupiter House, Station Road, Cambridge, CB1 2JD, UK. Tel: +44 1223 571000; Fax: +44 1223 461481; E-mail: info@fauna-flora.org http://www.fauna-flora.org

FFI, Inc., 1720 N Street, NW, Washington, DC 20036, USA Tel: +1 202 375 7766; E-mail katie.frohardt@fauna-flora.org

Editor

Dr Martin Fisher, FFI, UK

Editorial Assistant

Elizabeth Allen, FFI, UK

Senior Editors

Professor Bill Adams University of Cambridge, UK

Dr Andrew Balmford University of Cambridge, UK

Dr Porter P. Lowry II Missouri Botanical

Garden, USA and France Dr Jeffrey A. McNeely IUCN — The World Conservation Union, Switzerland

Dr Mike Maunder Fairchild Tropical Garden, USA

Dr E. J. Milner-Gulland Imperial College London, UK

Dr John G. Robinson Wildlife Conservation Society, USA

Professor William Sutherland University of Cambridge, UK

International Board of Editors

Dr Elizabeth L. Bennett USA Dr Robert K. Bonde USA Dr Katrina Brown UK Dr Neil Burgess UK Dr Thomas Butynski Kenya Dr Robert H. Cowie Hawaii Professor Richard M. Cowling South Africa Dr Jenny Daltry UK

Professor Jon Fjeldså Denmark Professor Ulf Gärdenfors Sweden

Dr Brendan J. Godley UK

Dr Rhys Green UK

Professor Colin Groves Australia

Dr K. Ullas Karanth India

Dr Sandra Knapp UK

Dr Kathy MacKinnon USA

Dr David Mallon UK

Dr Rodrigo A. Medellin Mexico

Professor John F. Oates USA

Sara Oldfield UK

Professor Hugh Possingham Australia

Dr Jon Paul Rodriguez Venezuela

Dr Kent H. Redford USA

Dr Anthony B. Rylands USA

Dr Philip Seddon New Zealand

Dr Paul Smith UK

Dr Matt Walpole UK

Fauna & Flora International President

Lindsay Bury

Vice Presidents

Sir David Attenborough, CH, CVO, CBE, FRS

Professor David Bellamy, OBE The Lord Browne of Madingley, FR Eng Field Marshal Sir John Chapple GCB,

CBE, DL Dr Lee Durrell Edward Hoare

Professor Frederick Kayanja Professor Jonathan Kingdon HRH Princess Laurentien of the

Netherlands Rove McManus Dr Lisbet Rausing

Jon L. Stryker

Dr Charlotte Uhlenbroek

The Rt Hon Baroness Young of Old Scone

Council

Chairman Andrew Sykes

Vice Chairman Professor Paul Racey **Honorary Treasurer** Philip Prettejohn **Chief Executive Officer Mark Rose**

Professor Bill Adams Virginia Drabbe-Seemann Melanie Gee Dr Sandra Knapp Professor Nigel Leader-Williams Philip Merricks, MBE, DL Professor Callum Roberts Diana van de Kamp

Dr Juliet Vickery Charles Whitbread

John Wotton

US Board of Directors

Chair Melissa Shackleton Dann Vice Chair Clea Newman Soderlund Treasurer C. Jonathan Fischer Secretary Victoria Stack

Virginia M. Busch Marc J. Ebbin Dorette Louise Fleischmann Tom Foster Sarah Papineau Blaine T. Phillips Mark Rose Beth Ann Ruoff Charles C. Savitt Anita Winsor-Edwards

Subscriptions Oryx (ISSN 0030-6053) is published four times a year (one volume per annum) in January, April, July, and October. The 2009 subscription price (excluding VAT) of a volume, which includes print and electronic access, is £380.00 (US \$690.00 in USA, Canada and Mexico). The electronic-only price available to institutional subscribers is £335.00 (US \$610.00 in USA, Canada

Orders, which must be accompanied by payment, may be sent to any bookseller, subscription agent or direct to the publisher: Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 8RU, UK; or in the USA, Canada and Mexico: Journals Fulfillment Department, Cambridge University Press, 100 Brook Hill Drive, West Nyack, New York 10994-2133, USA. EU subscribers (outside the UK) who are not registered for VAT should add VAT at their country's rate. VAT registered members should provide their VAT registration number. Japanese prices for institutions (including ASP delivery) are available from Kinokuniya Company Ltd, P.O. Box 55, Chitose, Tokyo 156, Japan. Prices include delivery by air. Periodicals postage paid at New York, NY, and at additional mailing offices. Postmaster: send address changes in USA, Canada and Mexico to: Oryx, Cambridge University Press, 100 Brook Hill Drive, West Nyack, New York 10994-2133, USA. Claims for missing issues should be made immediately on receipt of the subsequent issues.

FFI Members Subscription Members of Fauna & Flora International receive the journal as part of their subscription to the society (Standard membership rate: £75; Concessionary membership rate: £40). A membership application form is printed at the back of this issue. Enquiries about back issues for members should be addressed to the Membership Secretary (members@fauna-flora.org) at FFI.

Back volumes Copies of the current volume and Volume 33 (1998) onwards can be obtained from Cambridge University Press at the above address. Requests for previous volumes should be directed to the Membership Secretary at FFI.

Copyright and Permissions This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA. Organizations in the USA who are also registered with C.C.C. may therefore photocopy material (beyond the limits permitted by Section 107 and 108 of U.S. Copyright law) subject to payment to C.C.C. of the per-copy fee of \$16.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0030-6053/2009 \$16.00. ISI Tear Sheet Service, 3501 Market Street, Philadelphia, PA 19104, USA, is authorized to supply single photocopies of separate articles for private use only. Organizations authorized by the UK Copyright Licensing Agency may also copy material subject to the usual conditions. For all other use, permission should be sought from Cambridge University Press.

No part of this publication may otherwise be reproduced, stored or distributed by any means without permission in writing from Cambridge University Press, acting for the copyright holder.

Internet Access This journal is included in the Cambridge Journals Online service which can be found at: http://journals.cambridge.org For further information on other Press titles access http:// uk.cambridge.org or http://us.cambridge.org

This journal issue has been printed on FSC-certified paper and cover board. FSC is an independent, non-government, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.