

Oryx

Volume 24 July 1990



President

Lord Craigton, PC, CBE

Vice-Presidents

Dr E. A. O. Asibey (Ghana)
Sir David Attenborough CBE FRS (UK)
Dr David Bellamy (UK)
Dr Felipe Benavides OBE (Peru)
Dr Gerard A. Bertrand (USA)
Lt Col C. L. Boyle OBE (UK)
Mervyn Cowie CBE ED (Kenya)
Dr Kai Curry-Lindahl (Sweden)
Gerald Durrell OBE (UK)
Maisie Fitter (UK)
Richard Fitter (UK)
Major Ian R. Grimwood OBE (Kenya)
Grenville Lucas OBE (UK)
Academician V. E. Sokolov (USSR)
Dr Lee M. Talbot (USA)

Chairman

David M. Jones

Vice-Chairman

Dr David Chivers

Hon. Treasurer

Edward Wright

Council

Dr Keith Banister
Stephen Bankler-Jukes
Lord Birkett
Dr Jeremy Cherfas
Bruce Coleman
Dr Mark Collins
Dr Lee Durrell
Nicholas Hammond
Edward Hoare
Richard Howard
Dr Chris Humphries
James MacEwen
Dr David McDonald
Christopher Parsons
Richard Steele
Dr Ian Swingland
Susan Wells
Dr P. Wyse Jackson

Membership

Oryx is free to members.
Details, see tear sheet.

Members' changes of address

In order to enable us to keep our membership records up to date please send any changes direct to: The Membership Secretary, FFPS, 79–83 North Street, Brighton, East Sussex BN1 1ZA.

Editor of *Oryx*

Dr Jacqui Morris

Manuscripts are invited for consideration and should be sent to the Editor at FFPS 79–83 North Street, Brighton, East Sussex BN1 1ZA.

The opinions expressed by authors do not necessarily reflect the policy of FFPS.

Cover

Marbled cat *Felis marmorata*, now very rare in parts of its range in South East Asia because of forest destruction (*Rod Williams/Bruce Coleman Ltd*).

Colour cover donated by Edward Wright Ltd. Colour separation donated by Masterlith Ltd of Mitcham in Surrey.

Subscriptions

The Journal is published quarterly (January, April, July, October) and the subscription price for 1990 for non-members is £38 (UK), £44.00 (overseas except North America) and \$73.50 (US and Canada) post free.

The Journal is published for the Fauna & Flora Preservation Society by Blackwell Scientific Publications Ltd. All matters relating to subscriptions, back numbers and offprints should be sent to Blackwell Scientific Publications Ltd, PO Box 88, Oxford OX2 0NE, UK.

Advertising

Enquiries should be sent to the Advertisement Manager, Blackwell Scientific Publications Ltd, Osney Mead, Oxford OX2 0EL, UK (telephone (0865) 240201; facsimile (0865) 721205).

© 1990 Fauna & Flora Preservation Society.

USA

Authorization to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by the Fauna & Flora Preservation Society for libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of \$05.00 per copy is paid directly to CCC, 27 Congress Street, Salem, MA 01970, USA. This consent does not extend to other kinds of copying, such as copying for general distribution for advertising or promotional purposes, for creating new collective works or for resale. Special requests should be addressed to the Editor. 0030–6053/90 \$05.00.

The Journal is despatched within Europe by surface mail, to other continents by various forms of air speeded delivery: to the US* by air freight for forwarding by second class post, to India by air freight for guaranteed local delivery, and to all other countries by Accelerated Surface Post.

*Second class postage paid at New York, NY. Postmaster, send address changes to *Oryx*, c/o Mercury Airfreight International Inc. 2323 Randolph Avenue, Avenel, NJ 07001, USA.

Professional Services in Wildlife Management

Dr. JOHN HENSHAW, F.I.Biol.

Furzeland Deer Park, Cadbury, Devon EX5 5LA, England
Telephone: Bickleigh (08845) 556

Providing services to private clients, corporations, institutions, NGOs, governmental and international agencies; either directly or with incorporated consultancies and other professional groups. Thirty years of experience worldwide, covering all aspects of wildlife work.

Basic surveys of wildlife populations and their distribution patterns.
Management of ecosystems – wildlife populations and their habitats.
Planning and management projects for national parks, game reserves and similar.
Planning and development of wildlife related tourism projects.
Wildlife and habitat related environmental impact statements.
Programmes for the conservation, management and protection of endangered species.
Programmes for the utilisation and harvesting of species in abundance.
Specialist in the immobilisation by darting of large mammal species for research, management and translocation purposes.

TRANQUILISATION EQUIPMENT

**Dart Guns/Gas Pistols/Blow Pipes/
Pole Syringes/Stun Guns**

For full details of our complete range of immobilisation equipment, including the superbly flexible Model 50 gas rifle, please contact:

**Tranquil-Inject Enterprises, 3 Warren Court, The Warren, Caversham,
Reading RG4 7TF Tel: 0734 482560 Telex: 847172 PROJEN G
Fax: 0734 504847**

C. J. & K. S. VOICE, Registered Fire Arms Dealer, TV No. 79 VAT Registration No: 438 2184 47

MAMMAL REVIEW

Editors

D.W. Yalden PhD, *Department of Environmental Biology, University of Manchester, Manchester M13 9LD, U.K.*

G.R. Hosey PhD, *Department of Psychology, Bolton Institute of Higher Education, Bolton BL3 5AB, U.K.*



Mammal Review is an official publication of the Mammal Society, dedicated to the promotion of mammalian studies. It is not intended for the publication of the results of original research but rather as a secondary journal, carrying reviews of, and reports on, any aspect of mammalogy. It also serves to report the proceedings of the Society's Symposia, which again are of a review nature.

Nowadays there are relatively few people who study a taxonomic group *per se*; many more become interested in the groups through the pursuit of one of the sub-disciplines such as ecology, behaviour, anatomy, physiology, genetics, etc. The journal therefore has an interdisci-

plinary nature and is intended for a wide readership, both amateur and professional. Contributions which promote the dissemination of knowledge of mammals or encourage their study are invited, particularly those which describe work in progress in the various disciplines and which help to bridge interdisciplinary gaps. Reports on the status and distribution of mammalian species are also welcomed.

Subscription Information

Mammal Review is published quarterly. Subscription rates for 1990 are £52.50 (UK), £60.00 (overseas) and US\$100.00 (USA & Canada) post free.

Order Form

Please tick the appropriate box and return to:

Blackwell Scientific Publications Ltd, P.O. Box 88, Oxford, England.

- I would like to subscribe to **Mammal Review**
- I wish to pay by cheque and enclose the sum of £ _____ US\$ _____
- I wish to pay by Access/American Express/Barclaycard/Diners Card/
VISA/Mastercard (delete as necessary)

Please debit my credit card no.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Expiry date _____ with the sum of £ _____ US\$ _____

Signature _____ Date _____

- Please send me a specimen copy of **Mammal Review**

Name _____

Address _____



BLACKWELL SCIENTIFIC PUBLICATIONS LTD

P. O. Box 88, Oxford, UK Tel: (44) 0865 240201