

# Animal Welfare

Vol 2 No 1

1993

## Editorial

## Articles

*Social manipulation of captive primates*

*Tamarin responses to faecal scents*

*The human-animal relationship in farming*

*Behaviour of rehabilitated hedgehogs*

*Laying cages: ban or modify?*

## Short communication

*Preference tests with rodents*

## Reports and comments

## Book and video reviews

## Letters

UNIVERSITIES  
FEDERATION  
FOR  
ANIMAL  
WELFARE

# Animal Welfare

The UFAW Journal

*Editor-in-Chief:* Roger Ewbank

*Editorial Assistant:* Judith Kershaw

*Development Officer:* Victoria Taylor

Universities Federation for Animal Welfare

8 Hamilton Close, South Mimms, Potters Bar, Herts EN6 3QD, UK

Tel: 0707 658202 Fax: 0707 649279

## *Section Editors*

### *Companion animals*

**Dr Dennis C Turner**

Pet Ethology Group

Ethology Department, Institute of Zoology

University of Zurich-Irchel

Winterthurerstrasse 190, 8057 Zurich

Switzerland

### *Laboratory animals*

**Professor Jann Hau**

Department of Veterinary Pathology and

Infectious Diseases

The Royal Veterinary College

University of London

Royal College Street, London NW1 0TU

### *Farm animals*

**Professor Piet Wiepkema**

Wageningen Agricultural University

Marijkeweg 40

6709 PG Wageningen

The Netherlands

### *Zoo and wild animals*

**Dr Miranda Stevenson**

Royal Zoological Society of Edinburgh

Edinburgh Zoo

Murrayfield

Edinburgh EH12 6TS Scotland

## *Editorial Advisers*

**Professor Anton C Beynen**

State University Utrecht

**Dr Marcia Edwards**

Zoological Society of London

**Professor David Morton**

University of Birmingham

**Dr James Serpell**

University of Cambridge

**Professor John Webster**

University of Bristol

*Animal Welfare*, (ISSN 0962-7286) the UFAW journal, brings together the results of scientific research and technical studies related to the welfare of animals kept on farms, in laboratories, in zoos, as companions or living in the wild.

**Subscription rates:** £50/US\$100 (UFAW members: £40/US\$80) per annum.

**Orders:** Can be made direct to UFAW and are accepted by Volume, which will consist of four issues per year.

**Articles:** Instructions for authors are summarized on the inside back cover. Manuscripts should be submitted to the appropriate Section Editor or to the Editor-in-Chief.

© 1993 UFAW

All rights reserved; no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means; electronic, mechanical, photocopying, recording or otherwise without the prior written permission of the Publisher. Opinions expressed by authors do not necessarily reflect the views of UFAW, its Council, Staff, Members or Associates, the Section Editors or the Editorial Advisers.

# Animal Welfare

The UFAW Journal

Volume 2 Number 1

February 1993

## CONTENTS

<b>EDITORIAL</b>	1
<b>ARTICLES</b>	
Reasons and risks associated with manipulating captive primates' social environments <i>E Visalberghi and J R Anderson</i>	3
Responses of cotton-top tamarins ( <i>Saguinus oedipus</i> ) to faecal scents of predators and non-predators <i>H M Buchanan-Smith, D A Anderson and C W Ryan</i>	17
The human-animal relationship in agriculture and its consequences for the animal <i>P H Hemsworth, J L Barnett and G J Coleman</i>	33
The behaviour and survival of rehabilitated hedgehogs ( <i>Erinaceus europaeus</i> ) <i>P A Morris, K Meakin and S Sharafi</i>	53
Should cages for laying hens be banned or modified? <i>M C Appleby</i>	67
<b>SHORT COMMUNICATION</b>	
Preference tests with rodents to assess housing conditions <i>H J M Blom, V Baumans, C J A H V Van Vorstenbosch, L F M Van Zutphen and A C Beynen</i>	81
<b>REPORTS AND COMMENTS</b>	89
Bibliography on laboratory animal welfare	
Environmental enrichment for captive animals	
UK farm animal welfare law	
The workings of the <i>Animals (Scientific Procedures) Act 1986</i>	
The humane side of human/non-human animal interactions	
Emergencies on livestock farms	
<b>BOOK AND VIDEO REVIEWS</b>	94
The Laying Hen: Proceedings of a Seminar Organised by the European Conference Group on the Protection of Farm Animals	
Biology, Rearing and Care of Young Primates	
How to Talk to Your Cat	
Wildcats	
Handbook for the Animal Licence Holder, 2nd edition	
Deer	
Farm Animal Welfare	
<b>LETTERS</b>	101
The 'needs' of birds and mammals in the science of animal welfare	
Badger persecution	

Published by

Universities Federation for Animal Welfare

8 Hamilton Close, South Mimms, Potters Bar, Herts EN6 3QD, UK

Tel: 0707 658202 Fax: 0707 649279