

This approach is most appropriate at the Davis campus for not only does it contain the veterinary school it also has a large number of staff members engaged in the study of animal behaviour.

The Center has now started producing the UC ALERT newsletter and the first issue (Spring 1993) describes how the CAA was set up and details the use of animal alternatives in the UC campus system. There are also short Law Briefs, a News Brief section and short descriptions of recent relevant publications.

This publication seems as though it is going to be a useful source of information for anyone working in the alternatives and especially the refinement alternatives field.

UC ALERT (UC ALternatives in Education, Research and Testing) Volume 1 (Number 1) Spring 1993. 8pp. Obtainable from UC Center for Animal Alternatives, School of Veterinary Medicine, University of California, Davis, CA 95616, USA.

Audio-visuals on animal welfare

This most useful annotated list of some 237 audio-visual presentations (video-cassettes and slide sets with associated audio-cassettes) relating to animal care, use and welfare has been prepared by D'Anna J Berry of the USDA National Agricultural Library's Animal Welfare Information Center. Audio-visual material can be produced for instruction, for education and for indoctrination and there are numerous examples of each of these in this catalogue. The subjects covered range from animal welfare/rights through research techniques used on animals, the care/husbandry of farm, companion and laboratory animals, to alternatives and the justification for biomedical research. The items listed were produced mainly in the 1980s and 1990s; each is described and commented on and the name and location of the producing organization is given (as in a book reference) but the detailed postal address is not. This makes it a little difficult for non-US residents - the material listed can, apparently, be borrowed by any US library but not by potential overseas users - they would have to approach the producing organizations directly. Nevertheless, this is a useful and informative catalogue of the audio-visual material available in the animal welfare field.

Audio-Visuals Relating to Animal Care, Use, and Welfare Animal Welfare Information Center (AWIC) US Department of Agriculture (1993). Paperback. 76pp. Obtainable free from AWIC, National Agricultural Library, 10301 Baltimore Boulevard, Beltsville, Maryland 20705-2351, USA. (ISSN 1049-202X).

Non-human primate use

In 1989 the International Primatological Society (IPS) published an outline of general principles relating to the welfare and use of primates. These were followed in 1993 by very much more detailed codes of practice specifying requirements for physical and psychological welfare. The two sets of guidelines are complimentary, and to improve ease of access have now been published together as one volume. However, in the process a few typographical errors have crept in. Most of the use of non-human primates still

occurs outside the source countries, but studies using primates are constantly changing. There are moves away from using wild caught animals towards captive bred supplies (sometimes within the countries of origin) and research in source countries is increasing. The use of primates cuts across national boundaries and there is a clear need for international agreement on the necessary standards. These guidelines, which have been produced as a synthesis of international expertise, are a step in the right direction and should help to persuade those whose regulations are not up to the mark.

IPS International Guidelines for the Acquisition, Care and Breeding of Nonhuman Primates. Prepared by the Captive Care and Breeding Committee, IPS (1993). Primate Report Special Issue. Paperback. 27pp & 29pp. Obtainable free from UFAW, 8 Hamilton Close, South Mimms, Potters Bar, Herts EN6 3QD, UK.

Bats in captivity

These guidelines, which have been prepared by a working party of the Bat Conservation Trust, are directed towards those who find or are presented with injured/diseased or orphaned bats. Should the animals be treated and released, killed humanely or kept in permanent captivity? The legal, moral and practical aspects of these questions are dealt with. It is clearly pointed out that it is sometimes necessary to humanely kill badly injured animals; that release back into the wild is only justifiable if the animal is truly recovered from its injury/disease and that retention of the animal in permanent captivity should only be attempted when there is a reasonable chance that the bat will enjoy a decent lifestyle. This is a very realistic and useful leaflet.

Guidelines on Bats in Captivity The Bat Conservation Trust (1992). 4pp. A4 leaflet. Obtainable free from The Bat Conservation Trust, The London Ecology Centre, 45 Shelton Street, London WC2H 9HJ, UK.

Animal welfare in New Zealand

This volume contains papers presented at a seminar organised by the State Veterinarians Branch of the New Zealand Veterinary Association and held at Rotorua (North Island) in June 1992.

The following themes were covered:-

Animal Welfare: A Pragmatic Approach (D K Blackmore)

The Farmer's Perception of Animal Welfare (D Davison)

The RNZSPCA and its Role in Animal Welfare (P Loague)

Physiological Measurements of Animal Welfare (D J Mellor)

Behavioural Measures of Animal Welfare (L R Matthews)

Recent Advances in Laboratory Animal Science (J C Schofield)

Animal Welfare Research in the Meat Industry (C J Cook, C E Devine,
K V Gilbert, S A Maasland)