

applied to other species. It seems likely that there will be pressure for further research of this sort to investigate welfare aspects of other human-wild animal interactions.

The Behavioural and Physiological Effects of Culling Red Deer. Report to the Council of the National Trust. Bateson P (1997). The National Trust: London. 77pp. A4 softback. Obtainable from the Research Office, The National Trust, 36 Queen Anne's Gate, London SW1H 9AS, UK. Price £10 (including postage and packing).

Primate directory

This is a very useful information resource for primatologists. Its production represents a notable international effort. The directory is divided into five main sections and has four indexes. The main sections provide data on organizations, field studies, population-management groups, primate societies, and information resources. There are indexes for organizations, species, subjects, and names of individuals. Three hundred and seven organizations are listed and, for each, data are provided on contact addresses and telecommunication numbers, the mission, research programmes, species supported, key personnel, training opportunities provided, and other aspects. The section on population-management groups lists all the studbook and species programmes and includes a recent ISIS abstract containing data (numbers, sexes, locations) on all the primates kept in ISIS registered zoos and primate centres throughout the world. If you want to know, for example, where and how many *Callithrix geoffroyi* are maintained in captivity, this is a good place to start. The primate societies section contains the names and addresses of all the members of the International Primate Society and data on 27 other primate societies, including contact names and addresses, and details of their missions and activities. The final main section provides data on various primate information resources: information centres, resources for animal exchange and animal care supplies, details of internet-based information sources (Primate-talk, AskPrimate, and others), primatology web sites, journals and newsletters. The indexes make the directory very easy to use. Although there is much here of relevance to the subject, welfare is, regrettably, not listed as a subject heading in the index. This will be a valuable tool for many primatologists and would-be primatologists, and the price is very reasonable.

International Directory of Primatology, 3rd edition. Jacobsen L and Hamel R (eds) (1996). Wisconsin Regional Primate Research Center: Madison. 400pp. Softback. Obtainable from Larry Jacobsen, IDP Coordinator, Wisconsin Regional Primate Research Center, 1220 Capitol Court, Madison, WI 53715-1299, USA. Price \$25.00 (in USA), \$35.00 (surface mail outside USA), \$50.00 (air mail, outside North America).

Emergency killing of livestock

This is the nineteenth in a series of guidelines, produced by the New Zealand Ministry of Agriculture, on animal welfare issues. It is well laid out, easy to understand and follows a logical progression from a general introduction, through the principles and methods of killing, to special requirements for emergency slaughter.

The text on stunning, shooting and bleeding is summarized in two small tables, highlighting the various advantages and disadvantages of each method, according to different situations. These tables may have been more useful had they contained preferred methods of killing for each species, according to size, age, situation etc. The appendix consists of a series of line drawings (which will be familiar to readers of some UK publications), together with text, which shows the correct positions for shooting the various species with captive-bolt