

It is sometimes a particular problem for people working in the field of animal welfare to locate specialist advice: this directory is certainly a step forward in promoting communication and collaboration between scientists, and between the research community and industry, government, non-government organizations and the media. Clear and accurate information about scientific developments needs to be accessible if decisions by politicians, industrialists and the general public are to be made from an informed viewpoint.

Life Science Pages 1993/94: a Scientific Communication Initiative David Manning and Tim France (1993). Life Science Press Ltd: Cardiff. c 119pp. Paperback. Available from the publishers, PO Box 267, Cardiff CF2 3YQ, UK. Price of postage only for bona fide educational establishments; £31.60 including postage within UK to companies.

Slaughter of pigs, cattle and sheep

The Compassion in World Farming Trust has recently published a report on the welfare of pigs, cattle and sheep at the time of slaughter. It takes the form of a review of the scientific literature on the subject over the past ten years.

Much of the work that is cited was carried out as a direct result of the Farm Animal Welfare Council's 1984 *Report on the Welfare of Livestock (Red Meat Animals) at the Time of Slaughter*, many of the findings of which have already been incorporated into Codes of Practice. However the report does highlight the current scientific debate on the effectiveness or otherwise of carbon dioxide for stunning pigs and the use and possible misuse of head-restraint devices for stunning cattle. It would have been beneficial, however, if the Trust had recommended ways forward on some of the issues which it highlights.

The Welfare of Pigs, Cattle and Sheep at Slaughter A Compassion in World Farming Trust report by Peter Stevenson (1993). CIWF Trust: Petersfield. Paperback. 16pp. Obtainable from the publishers, Charles House, 5A Charles Street, Petersfield, Hampshire GU32 3EH, UK. Price £2.50 including postage.

Heat stress in farm animals

The UK Ministry of Agriculture, Fisheries and Food publishes a number of free leaflets and booklets on farm animal welfare. Two of the latest ones are on heat stress in pigs and in poultry; they describe the main causes of heat stress in these two types of animals and outline some of the common sense management measures that will help to prevent it. There is also, apparently, a training video on heat stress available at a cost of £8.25 from MAFF Publicity Video Unit, Room 26, Government Buildings, Hook Rise South, Tolworth, Surrey KT6 7NF.

Heat Stress in Pigs (PB 1316) and *Heat Stress in Poultry (PB 1815)* Ministry of Agriculture, Fisheries and Food (1993). 12pp each. Paperback. Obtainable free of charge from MAFF Publications, London SE99 7TP, UK.