

# Dr Ros Clubb

REDACTED

## Employment history

### **Scientific Officer, Captive Wild Animals, Wildlife Department**      **RSPCA, Southwater, UK**

October 2006 - present      Responsibilities at this animal welfare charity include the collation and dissemination of information on wildlife welfare issues, with a focus on captive animals, for use by the Society and the public; research and preparation of reports on specific wildlife topics (e.g. the role of zoos, circus and zoo animal welfare, non-domestic pets); provision of scientific information and advice on wildlife matters internally and externally; preparation of MP briefings, representation of the Society at meetings, working groups and to the media.

### **Programme Officer**      **Care for the Wild International, Kingsfold, UK**

May 2004 – Sept 2006      Responsibilities at this conservation charity included the day to day running of international projects relating to the protection of species and their habitats, including liaison with project partners in country, organisation of payments, collation of results, etc; research on conservation and welfare topics; representing the organisation at meetings; contribution towards writing of reports; overseeing production timetable for supporter newsletters; producing text for website and other literature for the public; answering supporter enquiries.

### **Postdoctoral Research positions**      **Dept. Zoology, Oxford University, UK**

Nov 2003 - May 2004      Development of non-invasive measures of stress in the laboratory rat, and assessment of the effects of early experience on their welfare. Animal Behaviour Research Group (ABRG).

Aug - Oct 2003      Commission from RSPCA to write publications based on previous work on zoo elephants.

Aug 2002 - May 2003      Effects of handling and management on farmed and wild South American Camelids (SACs). Wildlife Conservation Research Unit (WildCRU). Part of a large international EU-funded project aimed at developing a humane sustainable management plan for harvesting the fleece of SACs. Fieldwork based in Chile and carried out in collaboration with the Catholic University in Santiago.

Mar 2001 - Mar 2002      Review of the welfare of zoo elephants in Europe. Animal Behaviour Research Group. Commissioned and funded by the RSPCA. Report received extensive media coverage in Europe and US, reprinted in US and Taiwan.

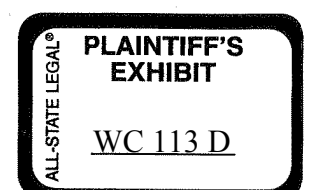
## Education

### Oct 1997 – Mar 2001      **D.Phil.**      **Dept. Zoology, Oxford University, UK**

Factors affecting the development of abnormal, stereotyped behaviour in zoo-housed carnivores. Funded by a Pirie-Reid Scholarship and eight UK zoos. Key results published in the journal *Nature*, received extensive media coverage in Europe and US.

### Sept 1992 – July 1996      **B.Sc. (Hons) Zoology (Anim. Ecol.)**      **Dept. Zoology, Aberdeen University, UK**

First class degree.



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## Publications

- Clubb, R. & Mason, G. J. (2007). Natural behavioural biology as a risk factor in carnivore welfare: How analysing species differences could help zoos improve enclosures. Applied Animal Behaviour Science 102 (3-4): 303-328
- Mason, G., Clubb, R., Latham, N. & Vickery, S. (2007) Why and how should we use environmental enrichment to tackle stereotypic behaviour? Applied Animal Behaviour Science 102 (3-4): 163-188
- Clubb, R. & Vickery, S. (2006) Locomotory stereotypies in carnivores: does pacing stem from hunting, ranging or frustrated escape? 58-85. In Mason, G. & Rushen, J. (eds) Stereotypic Animal Behaviour: fundamentals and applications to welfare (2<sup>nd</sup> ed.) CABI, Wallingford, UK.
- Clubb, R. & Sharpe, S. (2006). Pacing stereotypies in carnivores: insights from observational, environmental manipulation and cross-species studies. In: Stereotypic Animal Behaviour, Second edition, CAB International.
- Clubb, R. (2005) To die for. (Editorial on the fur industry). New Scientist 186(2504): 22-22
- Clubb, R. & Macdonald, D. (2004). The effect of capture, handling and husbandry procedures on the welfare of South American camelids in Chile. Final Report, MACS Project.
- Clubb, R. & Mason, G. (2004). Pacing polar bears and stoical sheep: testing ecological and evolutionary hypotheses about animal welfare. Animal Welfare 13: S33-S40.
- Clubb, R. & Mason, G. (2003) The welfare of zoo elephants in Europe: mortality, morbidity and reproduction. In: Proceedings of the Fifth Annual Zoo Research Symposium, Marwell Zoological Park, Federation of Zoological Gardens of Great Britain and Ireland, London, 67-76.
- Clubb, R. (2003). Why do carnivores pace? Summary of Ph.D. thesis results disseminated to zookeepers.
- Clubb, R. & Mason, G. (2003). Captivity effects on wide ranging carnivores. Nature 425: 473-474
- Clubb, R. & Mason, G. (2002). A Review of the Welfare of Elephants in European Zoos. RSPCA, Horsham. Reprinted in Taiwan.
- Clubb, R. & Mason, G. (2002). Are some Carnivore species predisposed to develop stereotypy because of their foraging strategy in the wild? In: Proceedings of the 4<sup>th</sup> International Conference on Environmental Enrichment, eds. Hare, V. J., Worley, K. E. & Myers, K. The Shape of Enrichment, San Diego, pp. 139 – 141. Abstract also in Advances in Ethology 34, Supplement to Ethology, p. 214.
- Clubb, R. & Mason, G. (2001). Does behavioural ecology influence the development of stereotypic behaviour in captivity? In: The Marwell Scientific Report 1999/2000, eds. Ostler, J. & Worman, G. Pebble Graphics, Romsey, pp. 9 – 11.

