

Research News November 2008 – October 2009 **Annual Report Information**



Between November 2008 and October 2009, 30 projects were conducted at Colchester Zoo. These were either solely based at Colchester Zoo or were multi-zoo studies. This list is by no means extensive, as Colchester Zoo has also contributed to a large number of projects by replying to information requests or by completing questionnaires.

Below is a list of the observational projects conducted at Colchester Zoo between November 2008 and October 2009:

Author: Kiri Coubrough. **Title:** An investigation involving the development of new enrichment devices for gelada baboons (*Theropithecus gelada*) and a study into habituation and latency to approach these new devices over time. **Establishment:** Essex University

Author: Murielle Adriaenssen **Title:** A comparative behavioural study between hand reared and parent reared Colombian black spider monkeys (*Ateles fusciceps robustus*)
Establishment: Essex University

Author: Natasha Lodge, **Title:** The effect of environmental enrichment on captive Patagonian sealions (*Otaria bryonia*). **Establishment:** Essex University

Author: Andy Wilson, **Title:** An ethological study of a lone male Asian short clawed otter (*Ambloxyx cinereus*) at Colchester Zoo. **Establishment:** Essex University

Author: Nathan Davies, **Title:** Enrichment of harbour seals (*Phoca vitulina*).
Establishment: Essex University

Author: Stephanie Osbourne, **Title:** Enclosure use and its effects on the behaviour of Komodo dragons (*Varanus komodoensis*) at Colchester Zoo. **Establishment:** Writtle College

Author: Shaun Norris, **Title:** An investigation into reducing aggressive behaviours between male Patas monkeys (*Erythrocebus patas*) through environmental enrichment.
Establishment: Writtle College

Author: Samantha Gay, **Title:** The effects of an enclosure share on two hyena species, spotted and striped hyena. **Establishment:** Writtle College

Author: Jack Woodley, **Title:** An evaluation of the ease of visibility of animal species within enclosures at Colchester Zoo and an investigation of visitor perception of visibility.
Establishment: Writtle College

Author: Becky Nurse, **Title:** Husbandry and accommodation of zoo animals-cheetahs.
Establishment: Askham Bryan College

Author: Amy Broadhead **Title:** Husbandry and accommodation of zoo animals- orangutans.
Establishment: Askham Bryan College

Author: Bridget Howard. **Title:** A comparative study of the behavioural responses to keepers of the ring tailed lemur, red ruffed lemur and black and white ruffed lemur.
Establishment: Writtle College

Author: Jo Ward. **Title:** Dominance hierarchies in Mandrills (*Mandrillus sphinx*) in captivity during feeding times. **Establishment:** Anglia Ruskin University of Cambridge

Author: Jenna Cook **Title:** Social relationships in captive giraffes positive or negative?
Establishment: Northampton University

Author: Rebecca West. **Title:** Red River hog activity budgets. **Establishment:** Writtle College

Author: Lola Brookes. **Title:** Hunting dog cortisol pre and post Dudley move.
Establishment: Institute of Zoology.

Author: Eleanor Smith, **Title:** An assessment to test if linear hierarchies exist in a group of captive Common chimpanzees (*Pan troglodytes*), **Establishment:** Swansea University

Author: Kirsty Hunnikin, **Title:** Enclosure use and enrichment for pygmy hippos (*Hexaprotodon liberiensis*). **Establishment:** Writtle College

Author: Llewelyn Lowen, **Title:** Otter and Langur interactions. **Establishment:** Writtle College.

Author: Paul Barnes. **Title:** An examination of welfare, environmental enrichment method and potential stereotypical behaviour in captive African spurred tortoises (*Geochelone sulcata*) and leopard tortoises (*Geochelone pardalis*). **Establishment:** Writtle College

Author: Thomas Quirke. **Title:** Comparative cheetah behaviour in a number of zoological institutions with special reference to stress levels, husbandry and enrichment.
Establishment: University College Cork.

Author: Paulette Lyon. **Title:** Enclosure use and enrichment for pygmy hippos (*Hexaprotodon liberiensis*). **Establishment:** Nottingham Trent University

Author: John Hutchinson. **Title:** Clinical gait analysis and biomechanics techniques.
Establishment: Royal Veterinary College.

Author: Gemma Western. **Title:** Do a mixed group of vultures interact as a social group?
Establishment: University of East Anglia

Author: Vanessa Drayton. **Title:** Behaviour of captive Orangutans (*Pongo sp.*) at Colchester Zoo (**Establishment:** Nottingham Trent University)

Author: Sanna Persson. **Title:** Behaviour of Humboldt penguins (*Spheniscus humboldti*).
Establishment: Essex University

Author: Mica Wagstaff. **Title:** Effect of environmental enrichment on the behaviour of timber wolves. **Establishment:** Writtle College

Author: Sergio Pellis. **Title:** The evolution of rough and tumble play in primates.
Establishment: University of Lethbridge

Author: Sally Barron, **Title:** Conservation awareness, interests and motives of Colchester Zoo visitors: Implications for interpretive practice. **Establishment:** Writtle College

Author: Amy Denny. **Title:** Effectiveness of environmental enrichment on activity levels of captive ruffed lemurs. **Establishment:** Writtle College.

Other studies

Author: John Hutchinson. **Title:** Clinical gait analysis and biomechanics techniques. **Establishment:** Royal Veterinary College.