

Research News November 2016-October 2017

Annual Report Information

Between November 2016 and October 2017, **31 projects have commenced at Colchester Zoo**. These are either solely based at Colchester Zoo or are 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.

Author: Mollie George **Title:** Visitor Number Effects on the Behaviour of the Orangutan (*Pongo*), Housed at Colchester Zoo **Establishment:** Otley College BSc

Author: Heather Ingles **Title:** A Behaviour Analysis of the Effects of Visitors Present at the Meerkats (*Suricata suricatta*) Enclosure during the Late-Night Openings at Colchester Zoo **Establishment:** Writtle College BSc

Author: Penny Johns **Title:** Behavioural Differences Based on Gender and Social Ranking in Captive Mandrills (*Mandrillus sphinx*) **Establishment:** Essex University BSc

Author: Eleanor Wilson **Title:** A Study into if Visitor Number Affects Rainbow Lorikeet (*Trichoglossus moluccanus*) Behaviour and Enclosure Use in a Walk Through Exhibit **Establishment:** Sparsholt College BSc

Author: Laura Alvey **Title:** From Visit to Action: The Influence of UK Zoos on Visitor Attitudes, Knowledge and Behaviour Towards Conservation **Establishment:** University of East Anglia BSc

Author: Mike Williams **Title:** Social Interactions between a Newly Formed Pack of *Lycaon pictus* **Establishment:** Writtle College Level 3

Author: Marsha Schlee **Title:** (1) Wattle Conformation and Growth in the King Vulture *Sarcoramphus papa* (2) Social behaviors and courtship in King Vultures *Sarcoramphus papa* **Establishment:** N/a

Author: Matt Shirley **Title:** Employing Environmental (e)DNA to Rapidly Assess Critically Endangered Crocodylians and Pygmy Hippos in West African Protected Areas **Establishment:** Rare Species Conservatory

Author: Vicky Konnari **Title:** Interactions within a Newly Formed Pack of Wolves (*Canis Lupus*) **Establishment:** Essex University BSc

Author: Jack Simmons **Title:** Interactions within a Captive Group of *Theropithecus gelada* Following Social Structure Reform **Establishment:** Essex University BSc

Author: Jessica Whitlam **Title:** Social Interaction and Behaviour of *Mandrillus sphinx* in a Captive Environment **Establishment:** Writtle College BSc

Author: Georgiana Phylactou **Title:** The Impact of Environmental Enrichment on Aggression and Other Behaviours of Captive *Sapajus xanthosternos* **Establishment:** Essex University BSc

Author: Roselle Smith **Title:** A Study on Social Interactions, Activity Budgets and Enclosure Use in Captive Red Pandas (*Ailurus fulgens fulgens*) at Colchester Zoo **Establishment:** Writtle College BSc

Author: Emma Rogers **Title:** Comparing the Behaviours of Leopards (*Panthera pardus*), Tigers (*Panthera tigris*), Cheetahs (*Acinonyx jubatus*) and Lions (*Panthera leo*) to Assess the Behavioural Differences between the Species **Establishment:** University of Gloucestershire BSc

Author: Louise Jerome **Title:** Observation to Compare and Contrast the Developmental Behaviour of Humboldt Penguin Chicks (*Spheniscus humboldtii*) from Two Colonies at Colchester Zoo, Penguin Shores and the Inca Trail Exhibit **Establishment:** Writtle College BSc

Author: Tamsin Nicholas **Title:** The Behaviours Shown when Squirrel Monkeys (*Saimiri sciureus*) Socially Interact within a Group **Establishment:** Writtle College BSc

Author: Katie Webster **Title:** Assessing the Relationship between Visitor Popularity of Selected Species and their Adoption Rates at Colchester Zoo **Establishment:** Merristwood College FdSc

Author: Shona Ashwell **Title:** Zoo Visitor Behaviour and Attitudes towards Animals and the Effects this has on Captive Animals' Behaviour **Establishment:** Anglia Ruskin University BSc

Author: Aimee Hill **Title:** Does the Feeding Behaviour of Rainbow Lorikeets (*Trichoglossus moluccanus*) Change Depending on the Type and Location of the Visitor? **Establishment:** Writtle College BSc

Author: Danielle Pryke **Title:** An Assessment of Environmental Influences on the Behaviour and Public Perceptions of Ring-Tailed Lemurs (*Lemur catta*) Housed within Walkthrough Exhibits **Establishment:** Oxford Brookes University MSc

Author: Catherine Romero **Title:** The Behaviour of Slender-tailed Meerkats (*Suricata suricatta*) in a Captive Environment at Colchester Zoo **Establishment:** Nottingham Trent University FdSc

Author: Peggy Liebig **Title:** Personality in Amur Leopards (*Panthera pardus orientalis*) and Behavioural Differences Towards Humans and Conspecifics That May Impact on Reintroduction Success **Establishment:** University of Exeter MSc

Author: Kirbie Snowling **Title:** Enclosure Utilisation and Behaviour of Chimpanzees (*Pan troglodytes*) in a Newly Designed Exhibit **Establishment:** Anglia Ruskin University BSc

Author: Sam Roche **Title:** An Investigation into the Effects of Mixed Species Housing on Animal Welfare, Using Social Behaviour and Enclosure Use **Establishment:** Writtle College MSc

Author: Daniel Carr **Title:** An Investigation into the Interactions of Visayan Warty Pigs and Visayan Spotted Deer in a Mixed Species Exhibit at Colchester Zoo using Social Network Analysis and Spread of Participation Index **Establishment:** Writtle College MSc

Author: Katie Webster **Title:** Assessing the Enclosure Use and Activity Budgets for 1.2 African Lions (*Panthera leo*) at Colchester Zoo **Establishment:** Merristwood College BSc

Author: Brogan Mace **Title:** Investigation into Sex Differences in Enrichment Use in Two Species of Nonhuman Primate (*Theropithecus gelada* and *Mandrillus sphinx*) **Establishment:** Bangor University MZool

Author: Declan Lightowler **Title:** Behavioural Ecology of a Group of Female Patagonian Sealions (*Otaria byronia*) in Captivity **Establishment:** Essex University BSc

Author: Eloise Woodland **Title:** Examining the Impact of Current Zoo Conservation Education Programmes and Looking at Improvements Relevant to Target Demographics **Establishment:** Sparsholt College BSc

Author: Lauren Thorpe **Title:** What is the Observed Level of Interactions between a Breeding Pair of King Vultures? **Establishment:** Sparsholt College BSc

Author: Joshua Bisset **Title:** A Study into the Social Interactions of a Newly Formed Captive Group of Red River Hog Following the Removal of a Number of Individuals **Establishment:** Sparsholt College BSc