

Research News November 2018-October 2019 Annual Report Information

Between November 2018 and October 2019, **35 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, providing samples or by completing questionnaires.

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, retired associate professor

Author: Hannah Coutts **Title:** The Effects of Contraception on a Captive Troop of Male Geladas (*Theropithecus gelada*) **Establishment:** Anglia Ruskin University, BSc

Author: Jodie Reville **Title:** Time Budget and Activity Patterns of Kirk's Dik Dik (*Madoqua kirkii*) in Captivity **Establishment:** University of Northampton, BSc

Author: Sabina Schiau **Title:** Effects of Varying Visitor Number on Feeding Behaviour of Rainbow Lorikeets (*Trichoglossus moluccanus*) **Establishment:** University of Essex, BSc

Author: Jack Bicheno **Title:** The Behaviour and Interactions of Three Azure Damsel Fish (*Chrysiptera hemicyanea*) Within a Multi Species Fish Tank **Establishment:** University of Essex, BSc

Author: Lucy Neilson **Title:** The Effects of a Starve Day on Anticipation Behaviours and Aggression of Captive Spotted Hyena (*Crocuta crocuta*) **Establishment:** Writtle University College, BSc

Author: Jasmin Plummer **Title:** Multi-Factorial Analysis of *Spheniscus humboldti* Ethology at Colchester Zoo, Colchester, Essex, UK **Establishment:** University of Essex, BSc

Author: Emily Orchard **Title:** Do Chimpanzees Exhibit Natural Behaviours in a Captive Environment? **Establishment:** Writtle University College, Level 3 Extended Diploma

Author: Jessica Del Vecchio **Title:** Do Social Hierarchy Ranks Affect Domination at a Carcass at Feeding Time Within a Captive Population of Rüppell's Griffon Vultures? **Establishment:** Writtle University College, BSc

Author: Justyna Gnaidek **Title:** Intraspecific Behaviours between the Red Panda (*Ailurus fulgens*) Cub and the Parents at Colchester Zoo **Establishment:** Writtle University College, BSc

Author: Molly Simpson **Title:** Does the Amount of Visitors (Estimated) Affect the Behaviours Displayed by *Panthera pardus orientalis* in Conjunction with the Enclosure Design at Colchester Zoo? **Establishment:** Easton and Otley College, BSc

Author: Amy Fitzmaurice **Title:** Assessing the Practical Interventions for Reducing Human-felid Conflict in Nepal **Establishment:** Oxford University, DPhil

Author: Phoebe Kelly **Title:** How Does Enclosure Size and Structure Affect Captive Giraffe Natural Behaviours in Some UK Zoos **Establishment:** Royal Agricultural College, BSc

Author: Josh Wright **Title:** Ethology of Teleost fishes: Behaviour and Interactions in a Tropical Marine Aquarium **Establishment:** University of Essex, BSc

Author: Andrew Double **Title:** Food Preferences in Relation to Hierarchy in a Group of Zoo Housed Chimpanzees **Establishment:** Writtle University College, BSc

Author: Rebecca Craske **Title:** Do Smooth-Coated Otters, *Lutrogale perspicillata*, Exhibit Anticipatory Behaviours Prior to Predictable Feeding Times in a Zoo Environment? **Establishment:** Easton and Otley College, BSc

Author: Charlotte Pegrum **Title:** A Closer Look into the Behaviour and Enclosure Use of Captive African Lions **Establishment:** Easton and Otley College, BSc

Author: Zoe Braybrook **Title:** Effects of Either Diet Composition or Social Status of Captive Chimpanzees (*Pan troglodytes*) on Incidence of Abnormal Feeding Behaviour **Establishment:** Writtle University College, MSc

Author: Oriana Snow **Title:** An Investigation into the Factors Affecting the Social Interactions in Ring-tailed Lemurs (*Lemur catta*) in a Captive Environment **Establishment:** Wolverhampton University, BSc

Author: Ronit Abiyani **Title:** The Effect of Group Size on Aggressive Interactions in Captive Wolves **Establishment:** Roehampton University, BSc

Author: Laura Eke **Title:** Social Behaviour in Captive Smooth-coated (*Lutrogale perspicillata*) and Asian Small-clawed Otters (*Aonyx cinereus*) in Four British Zoos **Establishment:** Anglia Ruskin University, BSc

Author: Alex Brett **Title:** Assessing the Proposed Benefits of Mixed Species Exhibits in the 'Out of Africa' Exhibit at Colchester Zoo **Establishment:** Writtle University College, MSc

Author: Courtney Corrie **Title:** General and Breeding Behaviours of Red River Hogs **Establishment:** Kent University, BSc

Author: Laura Sheldon **Title:** Enclosure Use and Behaviour of a Single Group of Captive Gelada Baboons (*Theropithecus gelada*): Implications for Welfare **Establishment:** Writtle University College, MSc

Author: Ariana Burton **Title:** Can Probiotics Improve the Emotional Health of Captive Chimpanzees? **Establishment:** Liverpool John Moores University, MSc

Author: Darcy Howard **Title:** Assessing Reptile Compatibility in Mixed-species Exhibits **Establishment:** Sparsholt College, BSc

Author: Stefanie Collier **Title:** An Observation of Non-human Primate Behaviour in Comparison to their Sex: is there a Difference in Behaviours between Sexes of Chimpanzees? **Establishment:** Anglia Ruskin University, BSc

Author: Alex Brett **Title:** Investigating Welfare Indicators and Enclosure Use of an Endangered Species, Part of a Captive Breeding Program (Visayan Spotted Deer (*Rusa alfredi*)) Utilising GIS **Establishment:** Writtle University College, MSc

Author: Mizuho Ota **Title:** Do Behavioural Observations Made by Keepers Accurately Indicate Oestrus in Pygmy Hippos? **Establishment:** Writtle University College, MSc

Author: Courtney Rogers **Title:** The Effect of Visitors and Noise on Chimpanzee (*Pan troglodytes*) Behaviour and Space Utilisation in a Captive Environment **Establishment:** Kent University, BSc

Author: Claudia Gooch **Title:** How Visitor Presence and Enclosure Type Affect Red Necked Wallaby Behaviour and Enclosure Use **Establishment:** Sparsholt College, BSc

Author: Emily Dunstan **Title:** How do Differing Levels of Visitor Numbers Affect the Feeding Behaviour and Visitor Interaction of African Pygmy Goats? **Establishment:** Writtle University College, BSc

Author: Annabelle Mace **Title:** Investigating the Use of Flagship Species in Zoos and its Influence upon the Quality of Conservation Awareness amongst Visitors **Establishment:** Nottingham Trent University, BSc

Author: Charlotte Goddard **Title:** How Does Visitor Density Affect Behaviour and Enclosure Use of the 5.3 Bush Dogs (*Speithos venaticus*) in a Newly Designed Exhibit? **Establishment:** Writtle University College, MSc

Author: Joanna Smith **Title:** Visitor Density and the Effects on Behaviour with the Orangutan **Establishment:** Berkshire College, FdSc