

Research Conducted November 2023-October 2024

Between November 2023 and present, **23 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: Phoebe Clarke **Title:** Space utilisation of a captive Chimpanzee (*Pan troglodytes*) group at Colchester Zoo and mechanisms to increase outside use to prevent vitamin D deficiency
Establishment: Nottingham Trent University, BSc.

Author: Samvi Yau **Title:** Zoo Enclosure utilisation: Behavioural Observations of captive Komodo Dragons (*Varanus komodoensis*) **Establishment:** Nottingham Trent University, BSc.

Author: Nadia Conteh **Title:** Investigate the effects of enrichment on activity budgets and animal welfare in captive Bornean Orangutans (*Pongo pygmaeus*). **Establishment:** Nottingham Trent University, BSc.

Author: Megan Fuller **Title:** Investigating the attraction and deterrence of materials and scents in Sun Bears: Enhancing rubbing behaviour and hair sample collection. **Establishment:** University of Suffolk, BSc.

Author: Caitlin Jackson **Title:** Seasonal behaviours of zoo housed reticulated giraffes at Colchester Zoo **Establishment:** Writtle University College, BSc.

Author: Tianna Hornsby **Title:** The enclosure use and activity budgets of Colchester zoo's Orangutans **Establishment:** University of Greenwich, BSc.

Author: Kenna Jordan-Finch **Title:** Comparing the Reaction of A Routine Stressor to Baseline Behavioural Data for Poison Dart Frogs **Establishment:** University of Suffolk, BSc.

Author: Ellie Rollinson **Title:** Do zoo visitors have a taxonomic bias? A study identifying dwell time perception of the following underrepresented species; birds, reptiles and amphibians at Colchester Zoo during typical opening hours. **Establishment:** Writtle University College, BSc.

Author: Abbey Clarke **Title:** An Investigation into the Diversity of Wild Bird Species at Colchester Zoo.. **Establishment:** University of Suffolk, BSc.

Author: Madison Mack **Title:** Using the Rubbing Behavior of Sun Bears To Test the Effectiveness of Olfactory Stimuli and Differing Brush Materials on the Collection of Hair Samples
Establishment: University of Suffolk, BSc.

Author: Lucy Smith **Title:** A behavioural comparison of Colchester Zoo's Bornean Orangutan group and their wild counterparts **Establishment:** Capel Manor College, FdSc

Author: James Sams **Title:** Impacts of captive environment on Orangutan interaction behaviour and enclosure budget. **Establishment:** Anglia Ruskin, BSc.

Author: Charlie Wade **Title:** The effects of visitor presence/ absence on zoo animal welfare on a Koi fish exhibit at Colchester zoo **Establishment:** Writtle University College, BSc.

Author: Emma Burley **Title:** A Comparison of the Gastrointestinal Parasite Burden in Free-Roaming and Captive Bennetts Wallaby populations **Establishment:** Royal Veterinary College, BSc.

Author: Madison Scott **Title:** Do external factors affect stereotypical behaviours of different species of rhinoceros (*Diceros bicornis* black rhinoceros and *Ceratotherium simum* white rhinoceros) in captivity, during winter in England? **Establishment:** Christ Church University, Canterbury, BSc

Author: Rachel Thomson **Title:** Validating a Personality Assessment in Captive Elephant Zoo Populations **Establishment:** University of Southampton, MSc / University of Portsmouth, PhD

Author: Amelia Bovill **Title:** Environmental Influences on Prehensile-Tailed Skink Behavior: A Comprehensive Analysis Using Observational Data and ZooMonitor Technology **Establishment:** Nottingham Trent University, MSc

Author: Mya Curwen **Title:** Correlation between visitor numbers and Chimpanzee behaviour in a zoological collection. **Establishment:** Easton College, BSc.

Author: Lauren Coe **Title:** Seasonal behaviour of Giraffes in captivity. **Establishment:** Easton College, BSc.

Author: Kelly Laxton **Title:** Understand the potential triggers of horn rubbing behaviour in captive Southern white rhino (*Ceratotherium simum simum*). **Establishment:** Anglia Ruskin University, Writtle, BSc.

Author: Amye De Naeyer **Title:** A study on the impact of visitor density during peak season on the behaviour of White Rhinos (*Ceratotherium simum*) in a mixed species enclosure at Colchester Zoo **Establishment:** Anglia Ruskin University, Writtle, BSc.

Author: Jodie Suckling **Title:** A Family of Asian Smooth-Coated Otters (*Lutrogale perspicillata*): A Study into the Presence and Absence of Anticipatory Behaviour Caused by Environmental Cues in Captivity. **Establishment:** Anglia Ruskin University, Writtle, BSc.

Author: Maya Ishaque **Title:** Behaviour of Lemur species in a mixed-species enclosure. **Establishment:** University of East Anglia, BSc.

Research Conducted on UmPhafa Private Nature Reserve

2 projects have been conducted at the UmPhafa Private Nature Reserve. These were conducted as part of their internships for their University degrees:

Author: Morgan Singleton **Title:** Influence of vegetation types and poaching on white rhino home range **Establishment:** Nottingham Trent University, MRes

Author: Alexander Fleming **Title:** Seasonal vegetation growth at UmPhafa Reserve South Africa **Establishment:** University of Plymouth, BSc