

## Research Conducted November 2022-October 2023

Between November 2022 and October 2023, **15 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:** Jessica Gard **Title:** A behavioural study on Reticulated Giraffes (*Giraffa reticulata*) housed inside during winter periods at Colchester Zoo **Establishment:** Writtle University College, BSc.

**Author:** Ellie Taylor **Title:** A comparison of interspecific behaviours observed in Barbary Macaques at Colchester Zoo to those at Garda Zoological Park **Establishment:** Writtle University College, BSc.

**Author:** Hannah Smith **Title:** Looking at Phylogeny to Determine the Evolutionary Path of Anointing in Primates. Focus on South American New World Primates. **Establishment:** University of Suffolk, BSc.

**Author:** Amy Clarke. **Title:** A study on the effect of visitor presence on enclosure use and anticipatory behaviour in captive smooth coated otters **Establishment:** Writtle University College, BSc.

**Author:** Josie Woods **Title:** The social after-effects of anointing on captive Buff-headed Capuchins (*Sapajus xanthosternos*). **Establishment:** University of Suffolk, BSc.

**Author:** Constance Grimwood **Title:** Does the presence of juvenile barbary macaques affect the social behaviour, specifically dominance-submission behaviour, in a zoo housed group and how does that affect their welfare? **Establishment:** Writtle University College, BSc.

**Author:** Jodie Johnson **Title:** Monitoring the behaviour of captive giraffes (*Giraffa camelopardalis*) over winter to assess welfare **Establishment:** Writtle University College, BSc.

**Author:** Jordon Wallace **Title:** Developing a new gait scoring system for giraffes **Establishment:** Royal Veterinary College, BVetMed 4

**Author:** Serena Wybrow **Title:** The effect of feeding method and environmental enrichment on behaviour in two species of tortoise at Colchester Zoo. **Establishment:** Writtle University College, MSc.

**Author:** Lorraine Jenkins **Title:** Which olfactory stimuli can be used to attract Sun Bears? **Establishment:** Writtle University College, MSc.

**Author:** Joe Hargreaves-Lee **Title:** Public perception of Spotted Hyenas (*Crocuta crocuta*) pre and post education at Colchester Zoo. **Establishment:** Askham Bryan, BSc.

**Author:** Louise Tovey **Title:** Effects of increased visitor flow on stress-related behaviours observed in Chimpanzees (*Pan troglodytes*) at Colchester Zoo. **Establishment:** Anglia Ruskin, BSc.

**Author:** Michael Vinnicombe **Title:** Behavioral comparison and enclosure use of Komodo dragons at Colchester Zoo **Establishment:** Anglia Ruskin, BSc.

**Author:** Sarah Keen **Title:** Understanding African Elephant Communication **Establishment:** Writtle University College, MSc.

**Author:** Hannah Robertshaw **Title:** Investigating the effects of visitors on Bennett's Wallabies (*Notamacropus rufogriseus*) in a walk-through enclosure **Establishment:** Anglia Ruskin, 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:** Alyssa Barraclough **Title** Do southern white rhinos have a vegetation preference and do the seasons effect their grazing choices. **Establishment:** Anglia Ruskin University, Cambridge, BSc

**Author:** Isobel Kershaw **Title** Do female white rhinos have larger home ranging areas than male rhinos, does their age also determine their home range? **Establishment:** Anglia Ruskin University, Cambridge, BSc