

Research News November 2021-October 2022 Annual Report Information

Between November 2021 and October 2022, **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, providing samples or by completing questionnaires.

Author: Philip Quinn **Title:** The Use of Contraceptives to Reduce Aggression in Mandrills (*Mandrillus sphinx*) **Establishment:** Moulton College, BSc.

Author: Charlotte Munroe **Title:** The impact of life stage at time of surgical castration on the physiological and behavioural development of captive, male ring-tailed lemurs (*Lemur catta*) **Establishment:** Liverpool John Moores, BSc.

Author: Megan Venturi **Title:** The Behavioural And Social Interactions Between A New Group Of Bornean Orangutans In A Captive Environment **Establishment:** Moulton College, BSc.

Author: Amber Marshall **Title:** Collection and Analysis of Captive Bush Dog (*Speothos venaticus*) Vocalisations in Context with Behavioural Signals **Establishment:** University of Suffolk, MSc.

Author: Lewis Stickings **Title:** The Repertoire And Context Of Bush Dog Vocalisations At Colchester Zoo **Establishment:** University of Suffolk, MSc.

Author: Lowri Simpson **Title:** The Repertoire and Context of Bush Dog (*Speothos venaticus*) Vocalisations **Establishment:** University of Suffolk, MSc.

Author: Susan James **Title:** The Common Calls and High-Frequency Calls of Bush Dog (*Speothos venaticus*) **Establishment:** University of Suffolk, MSc.

Author: Talia-Jayne Felstead **Title:** The Repertoire And Context Of Bush Dog Vocalisations At Colchester Zoo **Establishment:** University of Suffolk, MSc.

Author: Hayley Griffin **Title:** Comparing the Behaviours of Asian Short-Clawed Otter (*Aonyx cinerus*) and Smooth-Coated Otter (*Lutrogale perspicillata*) At Colchester Zoo **Establishment:** Writtle University College, BSc.

Author: Billie King **Title:** A Comparison of Activity Budgets and Enclosure Use of Asian Short-Clawed Otters and Smooth-Coated Otters at Colchester Zoo **Establishment:** Writtle University College, BSc.

Author: David Hopkinson **Title:** The Interactions of Captive Southern White Rhinoceros (*Ceratotherium simum simum*) with Conspecifics and Other Taxa Housed in a Mixed-Species Enclosure at Colchester Zoo: A Social Network Analysis **Establishment:** Anglia Ruskin University, MSc.

Author: Serena Wybrow **Title:** Monitoring Diurnal Enclosure Utilisation and Activity Budgets of a Malayan Sun Bear (*Helarctos malayanus*) Pair at Colchester Zoo **Establishment:** Writtle University College, BSc.

Author: Leah Leadley **Title:** An Investigation Into The Behavioural Dynamics Of A Captive Group Of Asian Short-Clawed Otters At Colchester Zoo. **Establishment:** Writtle University College, BSc.

Author: Gracie Cox **Title:** A Study To Investigate the Effect of Carcass Feeds and Subsequent Starve Days on Spotted Hyena (*Crocuta crocuta*) Behaviour **Establishment:** Writtle University College, BSc.

Author: Rebecca Wheatley **Title:** The Influence Of Management Events, Enclosure Use, Activity And Other Conspecific Individual's Behaviour On The Flipper-Sucking Behaviour Exhibited In "Paris" The Captive Sea Lion **Establishment:** Writtle University College, BSc.

Author: Chloe Nicholls **Title:** Interspecific And Intraspecific Social Interactions Between Rhino Calves And Other Species Within A Mixed Species Enclosure **Establishment:** Writtle University College, BSc.

Author: Simone Kisby **Title:** Visitor Effect on Goat Behaviour **Establishment:** Writtle University College, BSc.

Author: Brogan Weeks **Title:** Can the Surroundings of the Zoo Influence the Meerkats' Social Hierarchy? **Establishment:** Writtle University College, Extended Diploma.

Author: Jodie Longbridge **Title:** Public Perception of Hyenas and Canids **Establishment:** Writtle University College, BSc.

Author: Katie Phelps **Title:** Behavioural Study of the Social Interactions between Bornean Orangutans (*Pongo pygmaeus*) At Colchester Zoo **Establishment:** Writtle University College, BSc.

Author: Sophie Cook **Title:** Rhino Calf Social Interactions and Behaviour in a Mixed Species Paddock **Establishment:** Writtle University College, BSc.

Author: Bryony Jones **Title:** Identifying The Most Effective Environment In Which To Raise A Southern White Rhinoceros Calf Through A Study Of Inter And Intraspecific Social Interactions At Colchester Zoo **Establishment:** Writtle University College, BSc.

Author: Jessica Woodrow **Title:** Investigate the Captive Patagonian Sea Lions (*Otaria byronia*) Enclosure Use at Colchester Zoo during the Zoo's Opening Hours **Establishment:** UEA Easton College, BSc.

Author: Lauren Godfrey **Title:** The Potential Triggers Of Regurgitation And Re-ingestion And The Effects Of Altering The Diet In A Chimpanzee Group At Colchester Zoo **Establishment:** Nottingham Trent University, BSc.

Author: Andrew Mark **Title:** How do environmental factors affect behaviour of captive Humboldt penguins (*Spheniscus humboldti*)? **Establishment:** UEA Easton College, BSc.

Author: Holly Evans **Title:** The Influence of Contraceptive Implants on Behaviour and Social Interactions of Colchester Zoos Gelada Baboons (*Theropithecus gelada*) **Establishment:** Nottingham Trent University, BSc.

Author: Sarah Murray **Title:** To determine how the introduction of a mother/daughter pair of Bornean orangutans (*Pongo pygmaeus*) has impacted group/paired interaction in an enclosure of one established male orangutan. **Establishment:** Writtle University College, MSc.

Author: Charlotte Garwood **Title:** To what extent do captive environments permit or inhibit the natural behaviour of activity of the Smooth-coated Otter (*Lutrogale perspicillata*)? **Establishment:** Writtle University College, MSc.

Author: Martha Duley **Title:** Enclosure Use and Activity Budgets for African Elephants at Colchester Zoo **Establishment:** Writtle University College, MSc.

Author: Megan Braxton **Title:** To Investigate the effects of visual cues on Smooth coated Otter anticipatory behaviour **Establishment:** Swansea University, BSc.

Author: Scarlett-Mae Rash **Title:** Which scents and materials elicit rubbing behaviours within Sun Bears for hair collection **Establishment:** Moulton College, BSc.