



CONSERVATION BREEDING AND HUSBANDRY OF CALLITRICHIDS

16 - 19 OCTOBER 2017, JERSEY



DURRELL
CONSERVATION
ACADEMY

 **Royal Society of
Biology**
APPROVED BY THE ROYAL SOCIETY
OF BIOLOGY FOR PURPOSES OF CPD

YOUR INVITATION...

Successful conservation action involves a wide variety of cross-disciplinary skills. Durrell's experience of running successful conservation programmes provides significant insight which feeds into our training programmes. We hope you will be able to join us on this specialist course.

A handwritten signature in black ink, reading "Tim Wright". The signature is fluid and cursive, with the first name "Tim" and last name "Wright" clearly distinguishable.

DR TIM WRIGHT
ACADEMY MANAGER



COURSE OVERVIEW

Conservation Breeding and Husbandry of Callitrichids is a four day intensive course designed to equip participants with the necessary skills to successfully manage and breed primates, particularly callitrichids in captivity.

WHO IS IT FOR?

The course is targeted at curators, keepers and veterinarians from zoos and other institutions (e.g. universities) involved in the captive management of primates or anyone thinking about working with marmosets or tamarins.

WHAT IS THE COURSE CONTENT?

The course will cover the following topics:

- Planning your captive collection: making the link to the wild.
- Enclosure design, stress management and nutrition.
- Past, present and future for callitrichid conservation and the role of zoos.
- Managing animal health
- Conservation and biology

COURSE LEARNING OBJECTIVES

By the end of this course you will have:

- ✓ The current status of and roles for callitrichids in captivity;
- ✓ Callitrichid ecology, social systems and behaviours;
- ✓ Techniques for observing callitrichid behaviours;
- ✓ The principles of enclosure design;
- ✓ The fundamentals of correct social group management;
- ✓ The importance of minimising stress through correct husbandry and management;
- ✓ Key points of callitrichid nutrition and health;
- ✓ How we can more effectively contribute to the conservation of threatened callitrichids.



COURSE OUTLINE

In addition to the following, the first two hours of each day will be spent either getting practical work experience on Durrell's animal sections, or developing skills in behavioural observations.

MONDAY 16 OCTOBER

Planning your primate collection, introduction to behavioural observation

Day one introduces the key issues we need to address in order to achieve successful husbandry and breeding of callitrichids in a captive environment. We will also look at the status of callitrichids currently in captivity, and take a critical look at how we prioritise which species to work with, and how it supports their conservation. Understanding behaviours is a key skill for success with callitrichids, and we will discuss this in detail starting today.

TUESDAY 17 OCTOBER

Know your species – ecology and behaviour

Understanding the natural ecology, biology and behaviour of our species is critical for good husbandry and successful breeding. We will take a detailed look at this, and how it translates into practical management and enclosure design. We will also look at topics such as enrichment for callitrichids, and how to manage social groups correctly and minimise conflict. We will revisit the topic of enclosure design throughout the week.

WEDNESDAY 18 OCTOBER

Health management of callitrichids

On day three we will take a detailed look at key aspects of health management – keeping our animals healthy, correct nutrition, and what infectious and non-infectious diseases to look out for. We will consider the important role that keepers play in monitoring health, minimising stress, and keeping our callitrichids healthy. Many species of callitrichid are particularly sensitive to stress-related health problems, so we will take a detailed look at practical ways of minimising stress.

THURSDAY 19 OCTOBER

Future directions for zoos in callitrichid husbandry and conservation

On day four we will revisit the practical value of understanding and monitoring behaviours, and take a practical look at the need to actively manage populations of callitrichids (with a brief hands-on introduction to studbook analysis). We will then take a detailed look at how we can more effectively contribute to the bigger picture of callitrichid conservation, and link our work to in-situ activities. We will also go over what we have covered over the course, with an opportunity for you to ask for any clarification, and a chance for you to think about how you can apply the skills in your professional life.

OPTIONAL ADDITIONAL WORK EXPERIENCE

In addition to the course, a limited number of additional work experience sessions working alongside our specialist mammal staff will be available immediately after the course, on a first come first served basis, subject to availability.

PLEASE NOTE THAT THE ABOVE COURSE OUTLINE MAY BE SUBJECT TO MINOR CHANGES.

COURSE LEADERS



Dominic Wormell

HEAD OF MAMMAL DEPARTMENT, DURRELL

Dominic has been working for Durrell for over 20 years. He is an internationally renowned expert on the captive management of callitrichids, and has contributed to numerous in-situ recovery and reintroduction programmes. He is co-chair of the EAZA Callitrichid TAG, and has played a key role in delivering numerous training initiatives both in Jersey and South America.



Gale Glendewar

SENIOR MAMMAL KEEPER, DURRELL

Gale has been working at Durrell since 2002. She has extensive experience working with many mammals, but particularly with Durrell's callitrichid collection. She also manages several international breeding programmes and has delivered training in callitrichid husbandry skills in Colombia, Brazil and Jersey.



Dr Jennifer Mickelberg (subject to final confirmation)

CURATOR OF PRIMATES, ZOO ATLANTA, USA, AND GOLDEN LION TAMARIN INTERNATIONAL STUDBOOK KEEPER

Jennifer has been working with callitrichids in situ and ex situ for over 15 years, particularly with lion tamarins. Her research focus is on small population biology and management and the integration of wild and captive programs for conservation. She has delivered training courses in both population management and callitrichid husbandry and behaviour around the world.

VENUE AND ACCOMMODATION

The course will be held at Durrell Conservation Academy in Jersey, Channel Islands.

Durrell Wildlife Conservation Trust (Durrell) was established by the world renowned naturalist and author Gerald Durrell in 1963 with the primary aim of saving species from extinction. We now run 46 projects in 14 countries worldwide and have played a pivotal role in the recovery efforts for several species.

Durrell Conservation Academy is located at the Trust's headquarters, Jersey Zoo. In 1984 Gerald Durrell formally established the International Training Centre (now known as Durrell Conservation Academy) on Jersey as a form of "mini university" designed to equip conservationists from across the world with the animal management and critical

thinking skills required to bring species back from imminent demise. Since this time the academy has taught over 5,500 people (both conservation practitioners and conservation students) from 142 countries.

Our facilities include a 54 seat purpose built lecture theatre, two libraries, a computer lab and a classroom. There is 24 hour access to our computers and free Wi-Fi is available throughout.

Most course participants choose to stay at our YHA accredited hostel, which is immediately adjacent to Durrell Conservation Academy. You will stay in shared rooms in our hostel-style residence right next to the Zoo. The residence includes a TV lounge and dining room, where meals are served for course participants.



COST AND BOOKING INFORMATION

The course fee is £450

Optional full board accommodation is available in our on-site hostel for £43 per person per night.

Optional lunches are available for non-residents at £6 per person per day.

For further information or to book a place, please contact +44 (0)1534 860037 or email academy@durrell.org



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SAVING SPECIES FROM EXTINCTION