

CHRISTIAN DRERUP



+49 152 37250260

cd731@cam.ac.uk

www.christiandrerp.com

0000-0002-6912-6379

ResearchGate Profile

@Chris_Drerup

@christian.drerp.photography

PhD Student in Zoology

Marine Behavioural Ecology Group

Department of Zoology

University of Cambridge

Downing St, Cambridge CB2 3EJ (UK)

EDUCATION

10/2020 – NOW

PhD Zoology | University of Cambridge, Cambridge (UK)

Topic: Adaptions to visually noise environments in cuttlefish

09/2017 – 12/2019

M.Sc. Marine Biology | University of Algarve, Faro (Portugal)

Thesis title: Habitat preference and behavioural ecology of bobtail squids (Sepiolidae)

10/2013 – 07/2017

B.Sc. Biology | Christian-Albrechts-University, Kiel (Germany)

Thesis title: The influence of terminal end structures on settlement behaviour and attachment strength in the barnacle *Balanus improvisus*

WORK EXPERIENCE

12/2019 – 08/2020 | FULL-TIME

Biocenter - Zoology II (Julius-Maximilians-University) | Würzburg (Germany)

Research assistant in the Department of Behavioural Physiology & Sociobiology, studying the spatial information processing and visual flower inspection behaviour of the hummingbird hawkmoth *Macroglossum stellatarum*.

02/2017 – 04/2017 | PART-TIME

GEOMAR Helmholtz Centre for Oceanic Research | Kiel (Germany)

Research assistant in the Department of Chemical Oceanography, analysing trace gas concentrations in sea water samples by means of gas chromatography coupled to a flame photometric detection (GC-FPD).

06/2016 – 01/2017 | PART-TIME

AGROLAB GROUP | Kiel (Germany)

Laboratory assistant, working on environmental analyses of freshwater samples.

04/2016 – 07/2016 | PART-TIME

Christian-Albrechts-University | Kiel (Germany)

Research assistant in the Department of Human Biology, supporting experiments of first-year students within the field of human biology.

INTERNSHIPS

09/2019 – 09/2019 | FULL-TIME

Ecology of Vision Lab (University of Bristol) | Bristol (UK) + Gavarnie (France)

Fieldwork assistant on the impact of light pollution on migrating moths in the French Pyrenees.

09/2019 – 09/2019 | FULL-TIME

Marine Biological Association | Plymouth (UK)

Research project on the processing of polarization and intensity information in cuttlefish vision.

04/2019 – 06/2019 | FULL-TIME

HYDRA Institute Field Station | Elba (Italy)

Research study on the burying behaviour of bobtail squids with regards to different sediment types.

02/2019 – 04/2019 | FULL-TIME

OIST Marine Science Station | Okinawa (Japan)

Research study on the behavioural ecology of the bobtail squid *Sepiolo parva*.

10/2018 – 12/2018 | FULL-TIME

Ecology of Vision Lab (University of Bristol) | Bristol (UK)

Research project on the role of polarization cues in the gaze stabilization of crustaceans.

09/2018 – 09/2018 | FULL-TIME

OIST Marine Science Station | Okinawa (Japan)

Lab study on the mating and egg laying behaviour of the oval squid *Sepioteuthis lessoniana*.

07/2018 – 09/2018 | FULL-TIME

Ikeda Lab (University of the Ryukyus) | Okinawa (Japan)

Field study on the spawning sites of the oval squid *Sepioteuthis lessoniana*.

09/2017 – 05/2018 | PART-TIME

Ramalhete Marine Station (CCMAR) | Faro (Portugal)

Research project on the rearing sound environment of marine species kept for aquaculture purposes.

06/2017 – 07/2017 | FULL-TIME

Hydrobiological Station Umberto D'Ancona | Chioggia (Italy)

Research study on the cognitive mechanisms governing female choice for multiple male traits in the peacock blenny *Salaria pavo*.

11/2015 – 02/2016 | FULL-TIME

Marine Conservation Cambodia | Koh Seh (Cambodia)

Conservation project on seahorse population demographics (survey dives and data analysis).

10/2015 – 11/2015 | FULL-TIME

COREsea | Koh Phangan (Thailand)

Internship in a marine research station, assisting master students with their field work.

05/2015 – 07/2015 | PART-TIME

Zoological Museum of Kiel University | Kiel (Germany)

Anatomical study on Brachyura (Decapoda, Crustacea) as well as survey dives for a new exhibition.

08/2011 – 09/2011 | FULL-TIME

Privatbrauerei Rolinck GmbH & Co. KG | Steinfurt (Germany)

Assistant in a brewery's laboratory, working on quality control procedures.

Peer-Reviewed:

- 1) **Drerup, C.***, Sykes, A.V., Cooke, G.M. (2020). Behavioural aspects of the spotty bobtail squid *Euprymna parva* (Sepiolidae: Cephalopoda). *Journal of Experimental Marine Biology and Ecology*, 530, 151442. Doi: [10.1016/j.jembe.2020.151442](https://doi.org/10.1016/j.jembe.2020.151442)

Submitted:

- **Drerup, C.***, How, M.J. The effect of polarization contrasts on the gaze stabilization of crustaceans.
- Cooke, G.M., **Drerup, C.**, Roldan-Wong, N., Jackson, A. Possible social behaviours in the common European cuttlefish.
- **Drerup, C.***, Miano, A., Sykes, A.V., Cooke, G.M. The burying behaviour of *Sepioloa* sp. (Sepiolidae: Cephalopoda) on different sediment types.

Presentations:

- Cooke, G.M., Sykes, A.V., Jackson, A., **Drerup, C.**, Silva, A., Contu, M., Seraphin J., Roldan-Wong, N., Laptikhovskiy, V. *Cephalopod Citizen Science*. Cambridge Natural History Society Conversazione. April 12-13, **2019**, Cambridge, United Kingdom (Poster). Doi: [10.13140/RG.2.2.27215.74404](https://doi.org/10.13140/RG.2.2.27215.74404)
- Cooke, G.M., Sykes, A.V., Jackson, A., **Drerup, C.**, Silva, A., Contu, M., Seraphin, J., Laptikhovskiy, V. *Citizen Science meets Cephalopod Behavioural Ecology*. Cephalopod International Advisory Council Conference 2018 - Cephalopod Research Across Scales: From Molecules to Ecosystems. November 12-16, **2018**, St. Petersburg, Florida, USA (Poster). Doi: [10.13140/RG.2.2.10957.28644](https://doi.org/10.13140/RG.2.2.10957.28644)

Other:

- **Drerup, C.***, & Cooke, G.M. (**2019**). Cephalopod ID Guide for the North Sea. Doi: [10.5281/zenodo.2589266](https://doi.org/10.5281/zenodo.2589266)
- **Drerup, C.***, & Cooke, G.M. (**2019**). Cephalopod ID Guide for the North-East Atlantic. Doi: [10.5281/zenodo.2589228](https://doi.org/10.5281/zenodo.2589228)
- **Drerup, C.***, & Cooke, G.M. (**2019**). Cephalopod ID Guide for the Mediterranean Sea. Doi: [10.5281/zenodo.2589226](https://doi.org/10.5281/zenodo.2589226)

GRANTS & SCHOLARSHIPS

- Cambridge Climate Life and Earth (C-CLEAR) NERC DTP Studentship (10/2020 – 03/2024)
- Cambridge Trust European Scholarship (10/2020 – 09/2023)
- Merit Scholarship – Portuguese Directorate General for Higher Education (09/2018 – 09/2019)
- Erasmus Traineeship Grant (04/2019 – 06/2019)
- OIST Research Internship Grant (02/2019 – 04/2019)
- National Geographic’s S.E.E. Initiative Grant for an OpenROV Trident (12/2018)
- Erasmus Traineeship Grant (10/2018 – 12/2018)
- Erasmus Traineeship Grant (06/2017 – 07/2017)
- Promos Scholarship (11/2015 – 02/2016)

SKILLS

Languages:

- German – native speaker
- English – fluent (C2)
- Dutch – intermediate (B2)
- Spanish – basic (A2)

Dive certifications:

- PADI Enriched Air (Nitrox) Diver (02/2019)
- PADI Divemaster (01/2016)
- PADI Rescue Diver (11/2015)
- Tropical Conservation Diver (10/2015)
- PADI Advanced Open Water Diver (10/2015)
- PADI Open Water Diver (03/2014)

SUPERVISION & MENTORING

- Annalena Miano. Matriculation (school graduation) project on the burying behaviour in sepiolid squids (05/2019 – 10/2019).

PROFESSIONAL MEMBERSHIPS

- Marine Biological Association (<https://www.mba.ac.uk/>)
- The Malacological Society of London (<http://malacsoc.org.uk/>)