

## CONTACT DETAILS

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|-------------------------------------|--|
| <b>Name of Company</b>              | Coastal and Environmental Services (Pty) Ltd   |
| <b>Trading as</b>                   | CES  |
| <b>Description of Company</b>       | Environmental and Social Advisory Services   |
| <b>Designation</b>                  | Gauteng  |
| <b>Profession</b>                   | Ecologist: Faunal  |
| <b>Years of Relevant Experience</b> | 2  |
| <b>E-mail</b>                       | <a href="mailto:info@cesnet.co.za">info@cesnet.co.za</a>   |
| <b>Office number</b>                | +27 (0) 46 622 2364  |
| <b>Mobile</b>                       | +27 (0) 87 405 8360  |
| <b>Nationality</b>                  | South African  |
| <b>Professional Body</b>            | ➤ HAA: Herpetological Association of Africa  |
| <b>Key areas of expertise</b>       | ➤ Avifaunal Surveys<br>➤ Herpetological Surveys<br>➤ Morphometrics Analyst<br>➤ Biodiversity Surveys |

## PROFILE

### Emily Jackson

Emily obtained her MSc in Zoology from Rhodes University. Her academic background includes thermal physiology, behavioral ecology, natural history and reproductive biology research. She has additional experience in the areas of herpetofauna surveys and tours, environmental education and biological outreach programs. She has broad interests across taxa, with a keen interest in herpetofauna, small mammals and general wildlife photography. Her knowledge of species in the field is applied in her specialist survey work and scientific publications, where she aims to contribute novel information to scientific literature.

**EMPLOYMENT  
EXPERIENCE**

➤ **Avifaunal field observer**

May 2023 – 2024

- Vantage Point (VP) Surveys
- Bird identification
- Data Collection

➤ **Herpetological Surveys**

2023 – 2024

- Field Assistant
- Animal Handling
- Data Collection for assessing the taxonomic diversity of flat geckos (*Afroedura*)
- Specimen preservation and tagging (Waterberg Biosphere Project)

➤ **Morphometrics Analyst**

2023

- Research and Field Assistant
- Morphological measurements and gosner stage identification of tadpoles, amphibian collection

➤ **Biodiversity Surveys**

April – June 2020

- Field Assistant
- Active Trapping
- Species identifications

**ACADEMIC  
QUALIFICATIONS**

- 2017 – 2019: Bachelor of Science (BSc) in Zoology and Ichthyology (Rhodes University)
- 2020 – Bachelor of Science with Honors (BSc Hons) (Rhodes University)
- 2021 – 2023: Master of Science (MSc) (Rhodes University)

**COURSES /  
CONFERENCES**

- May 2023- Presented research on *Hydrophis platurus* natural history 15<sup>th</sup> Herpetological Association of Africa Conference, Hoedspruit, South Africa
- May 2022 – Presented Honours research on *Hydrophis platurus* online mini symposium for Herpetological Association of Africa
- August 2021 - Presented MSc Proposal at the Hot Birds AGM. Kruger National Park, South Africa.
- January 2020 – Attended World Herpetological Congress, Dunedin, New Zealand

**CONSULTING  
EXPERIENCE**

- Daggakraal WEF  
Assigned as a bird specialist for vantage point surveys.
- Ntabande WEF  
Assigned as a bird specialist for vantage point surveys.
- Daggakraal South WEF (still running)  
Assigned as a bird specialist for vantage point surveys and for field data daily collation.

**PUBLICATIONS**

- Nicolau GK, van Huyssteen R, Jackson EA 2020. *Breviceps adspersus adspersus* Diet. Herpetological Review 51:97
- Nicolau GK & Jackson EA, 2021. Geographical Distributions: *Afrogecko porphyreus* (Daudin, 1802). African Herp News 77.
- Nicolay GK, Jackson EA, Jordaan A, Alexander G. 2022. *Tropidosaura essexi* Hewitt, 1927 (Reptilia: Lacertidae) is live bearing: the only viviparous African lacertid. African Journal of Herpetology. DOI: [10.1080/21564574.2021.2019839](https://doi.org/10.1080/21564574.2021.2019839)
- Jackson EA & Nicolau GK. 2022. Diet of the Southern Tree agama. African Herp News 81:27 – 29.
- Jackson EA, Edwards S, Conradie W. 2022. The natural history of the Yellow – bellied Sea Snake, along the South African coastline. Coral Reefs. (In Progress)
- Nicolau GK, Jackson EA, Wasserman RJ. 2023. Mass vehicle induced mortalities of Giant Bullfrogs in Nylsvley Nature Reserve. KOEDOE 65(1): 1-4.
- Phillips J, Nicolau GK, Ngwenya SS, Jackson EA, Womack MC. 2024. Habitat and Respiratory strategy effects on hypoxia performance in anuran tadpoles. Integrative and Comparative Biology ()): 1-18.

**CERTIFICATION**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

**Emily Jackson**

Date: 20.07.2024