

SEBASTIAN A. HATT

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EDUCATION

- PhD** in Plant Sciences **2021-2025**
Royal Botanic Gardens, Kew / University of Manchester
- MSc** in Plant and Fungal Taxonomy, Diversity and Conservation **2020-2021**
Royal Botanic Gardens, Kew / Queen Mary University (1st Class - Kew Guild Prize)
- BSc** in Biological Sciences **2017-2020**
University of Oxford (1st Class)

RESEARCH EXPERIENCE

- PhD Thesis Research** **2021-2025**
Royal Botanic Gardens, Kew & University of Manchester
Supervisors: Dr Olwen Grace, Dr Chris Thorogood & Prof. Duncan Cameron
- Evolutionary history and ecology of the holoparasitic plant family Hydnoraceae
 - Encompassing taxonomy, phylogenetics, comparative anatomy and genomics
 - 5-week fieldwork in June 2022 across Namibia and South Africa collecting material, making observations and visiting collections in local herbaria
- MSc Dissertation Research** **2020-2021**
Royal Botanic Gardens, Kew
Supervisor: Dr Olwen Grace
- 56-page taxonomic monograph of the rare parasitic plant *Hydnora* (Hydnoraceae)
 - Herbarium-based study encompassing comparative morphology, biogeography, ethnobotany and systematics
 - Resulted in 1st Class Dissertation that won 1st Prize in cohort
- Research Assistant** **2020-2022**
Royal Botanic Gardens, Kew
Supervisor: Dr Eve Lucas
- Comparative analysis of fruit morphology and ecological traits of *Syzygium* subg. *Perikion* (Myrtaceae)
 - Description of a new subgenus of *Syzygium*
- Research Assistant** **2020-2021**
Royal Botanic Gardens, Kew
Supervisor: Dr Martin Cheek
- Description and distribution mapping of a new species of *Vepris* (Rutaceae) to Cameroon
 - Description and distribution mapping of two new species of *Coleus* (Lamiaceae) to Guinea
- BSc Dissertation Research** **2019-2020**
University of Oxford
Supervisor: Dr Chris Thorogood
- Comparative analysis of pitcher and peristome morphology and ecology in *Nepenthes* (Nepenthaceae)
 - Resulted in 1st Class Dissertation
- Herbarium Assistant** **2018-2020**
University of Oxford Herbarium
Supervisor: Prof. Stephen Harris
- Mounting, sorting, processing and digitising plant specimens

PUBLICATIONS

Hatt SA, Low YW, Middleton D, Burslem D, Lucas E, Biffin E, Maurin O. 2023. A morphological analysis of *Syzygium*, with a focus on fibre bundles and description of a new subgenus. Accepted by *Botanical Journal of the Linnean Society* boac065.

Hatt SA, Thorogood CJ, Bolin JF, Musselman LJ, Cameron DD, Grace OM. due 2023. A taxonomic revision of the genus *Hydnora* (Hydnoraceae). Accepted by *Kew Bulletin* (Oct 2022).

Hatt SA, Cameron D, Grace OM, Rocamundi N, Cocucci AA, Martel C, Thorogood CJ. 2023. *Prosopanche* : A remarkable genus of parasitic plants. *Plants People Planet* 5(2): 163–168.

Cheek M, Hatt SA, Onana JM. 2022. *Vepris onanae* (Rutaceae), a new Critically Endangered cloud-forest tree species, and the endemic plant species of Bali Ngemba Forest Reserve, Bamenda Highlands Cameroon. *Kew Bulletin* 77: 435-449.

GRANTS AWARDED

British Cactus and Succulent Society Research Grant Feb 2023
£2,000 to study *Euphorbia* and *Hydnora* in South Africa

Oleg Polunin Memorial Fund Jan 2023
£500 to study *Lathraea rhodopea* in Northern Greece

AWARDS

Young Systematists' Forum First Prize for Best Presentation Nov 2022

Kew Guild Prize for Best MSc Dissertation in cohort Oct 2021

CONFERENCE ATTENDANCE

Avoiding Plant Blindness in Conservation & 30x30 commitments Feb 2023
Royal Botanic Gardens, Kew

Young Systematists' Forum Nov 2022
Online

AETFAT [African Taxonomy] 22nd Congress June 2022
Livingstone, Zambia

COURSE ATTENDANCE

NERC Molecular Phylogenetics Course Mar 2023
Natural History Museum, London

Tropical Plant ID Course May 2022
Royal Botanic Gardens, Kew

RELEVANT SKILLS

- Proficient in R, Python, UNIX
- Botanical illustration (Line drawing, watercolour & oil paint)
- Plant identification (in the field and from specimens)

ACADEMIC INTERESTS

Plant systematics, taxonomy, phylogenetics, evolutionary biology, ecology, biogeography.