



Post: Darwin Tree of Life Sample Co-ordinator
Department: Cryptogamic Plants and Fungi/Science and Technical Services
Division: Science

Job Description

Key Responsibilities

- Plan sampling collections (including checking/securing permits, and location details)
- Undertake plant sampling (including checking identification, making voucher specimens, processing samples, and preserving material for laboratory analyses)
- Manage sample meta-data, and flows of data between project databases
- Contribute towards project summaries and report writing

Specific Responsibilities

RHS:

- Maintain curated lists of taxa for priority sampling and compile relevant trait data (e.g. genome size and chromosome numbers)
- Undertake sampling of priority bryophytes
- Undertake sampling of priority vascular plants
- Check the identification of samples, and make voucher specimens
- Maintain data records of sampled material, and ensure data entry into local, project-wide, and international databases
- Sort and process samples
- Work with RBGE lab team to ensure DNA barcoding of sampled specimens
- Coordinate shipping of sample material to Sanger Institute for genome sequencing, and RBG Kew for genome size estimates
- Prepare reports on project progress



Person Specification

Skills/Aptitude	Essential	Desirable
Experience of project management/ working as part of a collaborative team	*	
Experience of sample and data management and tracking	*	
Practical experience of plant collecting and field work	*	

Knowledge	Essential	Desirable
Bryophyte identification skills	*	
Knowledge of the British flora	*	
Experience of biodiversity genetics/genomic analyses of plants	*	

Professional Qualifications	Essential	Desirable
PhD (botany, biodiversity science, plant science) or equivalent experience	*	



Royal
Botanic Garden
Edinburgh

Our Values:

We are **Inclusive**: We recognise, reward and celebrate each other's unique contribution and treat everyone with dignity and respect

We value **Pride**: We have a strong sense of belonging and demonstrate this through what we say and what we do

We have **Purpose**: We are clear on the long and short term priorities of RBGE and align our contribution, responses and actions to these

We are **Communicative**: We are open, respectful, consultative, creating an environment of transparency and trust

We are **Collaborative**: We respect expertise and actively seek opportunities to improve how we work together

We are **Customer-focused**: We understand the needs of our customers and colleagues, and meet and exceed their expectations

We celebrate and value **Curiosity**: We are inquisitive and engaged with the world around us, constantly exploring, expanding our expertise and sharing our knowledge