



LITTLE BLUE RESEARCH CASE STUDY

Natural capital valuation of a botanic garden living collection

Client: Botanic garden

Little Blue Research supported a botanic garden to value a living collection of plants.

Service: Impact & dependency

Capital: NATURAL | SOCIAL

Assessment location: UK

Project partner:

RAMBOLL

Bright ideas.
Sustainable change.

LITTLE BLUE RESEARCH LTD

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Case study details

Client need

The client requested support to value the natural and social capital of one of their largest living collections as part of a larger overall project.

The challenge

- Using the total economic value framework and Green Book criteria & guidance to assign monetary values to a living collection of plants.
- Identifying research on the value of the specimens that make up the living collection.
- Providing, qualitative, quantitative and monetary values for a diverse range of non-market ecosystem services, including coverage of threatened species.
- Estimating the opportunity cost of the loss of a specific collection of plants.

Outputs and results

- ✓ Summary of the qualitative, quantitative and monetary values produced for the living collection over a fifty-year time period.
- ✓ Recommendations and options for expanding the valuation of the living collection.
- ✓ Assessment of the potential value of 17 aspects, with monetary estimates provided for five of these.

What happened next

The botanic garden will use values generated by the project to support potential future funding proposals for the living collection.



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