

Project Plan CF 2023-041

Threatened Species and Ecological Communities Biodiversity Knowledge

BCS Species and Communities

Project Core Team

X X **Supervising Scientist** Ruth Harvey
Data Custodian Jessica Donaldson

Project status as of Sept. 1, 2023, 4:31 p.m.

X X Approved and active

Document endorsements and approvals as of Sept. 1, 2023, 4:31 p.m.

X X

Project Team granted
Program Leader granted
Directorate granted
Biometrician granted

Herbarium Curator not required

Animal Ethics Committee not required

Threatened Species and Ecological Communities Biodiversity Knowledge

Program

BCS Species and Communities

Departmental Service

Service 6: Conserving Habitats, Species and Communities

Project Staff

X X X **Role Person Time allocation (FTE)**

Technical Officer Joel Chick 1.0

Technical Officer Alexander Cooke 1.0

Supervising Scientist Jessica Donaldson 1.0

Supervising Scientist Ruth Harvey 0.0

Supervising Scientist Claire Sands 1.0

Technical Officer Ebony Skey (Murdoch University) 1.0

Technical Officer Yasmyn Skinner 1.0

Technical Officer Sandra Williamson 1.0

Related Science Projects

Wetland mapping 2023-013

Proposed period of the project

July 1, 2023 – June 30, 2025

Relevance and Outcomes

Background

This is to be delivered by the Biodiversity Knowledge team in Species and Communities Program as core ongoing functions required for departmental delivery of listing functions related to the Biodiversity Conservation Act. The legislative processes for listing threatened species and ecological communities under the BC Act elevate the standard of scientific rigour in assessing the eligibility of ecological communities for listing and include provisions for improving public consultation. The TPFL, TFAUNA and TEC databases are end-of-life legacy systems that are to be replaced with a new database, Boranga. This one-off project is addressing databasing, legacy systems, curation and ongoing sharing arrangements. Following the initial delivery, maintenance of this system will also be managed by the Biodiversity Knowledge team.

Aims

To ensure that the list of threatened species and communities ecological communities under the Act, remains up-to-date as threats change and our scientific understanding improves. To deliver the listing through a robust process that has involved scientific, operational, community, stakeholder and government consultation in a manner consistent with contemporary expectations and the Common Assessment Method Framework. Deliver contemporary, integrated and accessible databases, data catalogues, and data management systems, with appropriate data standards. Improve the quality and quantity, and trustworthiness of threatened species, communities and wetlands datasets held by DBCA. It will also be designed

to improve access to data to those that require it i.e. internal staff, external persons and systems required to integrate with this system.</p> <p></p>Maintain databases of known locations, conservation status and all other relevant information about conservation listed (threatened, extinct/collapsed, specially protected and priority) species and ecological communities.</p> <p></p>Collect and curate data for conservation listed species (locations, threats, management actions, ecological and biological attributes).</p> <p></p>Provide location data for conservation listed species and ecological communities.</p> <p></p>Maintain relevant departmental policies for the administration of the legislative process for maintaining conservation lists, and administrative process for Priority listings.</p> <p></p>Undertake activities to support the statutory listing process, including using up to date scientific information to prepare nominations for the conservation status of species and ecological communities, undertaking public consultation and administration of Scientific Committees

Expected outcome

>Maintaining threatened and priority species and communities lists allows for identification of research and management actions necessary to stop the decline of, and support the recovery of, these species and ecological communities.</p><p></p><p></p><p></p>This will lead to improvements and efficiency gains in conservation status assessments and listings, environmental impact assessments, management advice and implementation of DBCA's legislative responsibilities in relation to Threatened Species and Ecological Communities under the Biodiversity Conservation Act 2016.

Knowledge transfer

All data to be captured on Corporate systems.

Procedure manuals and instructions for maintenance of systems and curation to be kept on file.

Tasks and Milestones

References

Study design

Methodology

Biometrician's Endorsement

granted

Data management

No. specimens

Herbarium Curator's Endorsement

not required

Animal Ethics Committee's Endorsement

not required

Data management

Budget

Consolidated Funds

to | X | X | X | X |
Source Year 1 Year 2 Year 3

FTE Scientist

FTE Technical

Equipment

Vehicle

Travel

Other

Total

External Funds

to |X|X|X|X|

Source	Year 1	Year 2	Year 3
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Salaries, Wages, Overtime

Overheads

Equipment

Vehicle

Travel

Other

Total