

Job Description Form

Position Details

Position Title: Research Scientist (Invertebrate Ecologist)	Position Number: DBCA3165580	Level: Specified Calling Level 2
Division: Biodiversity and Conservation Science	Branch: Animal Science Program	Section:
Employment Agreement: PSA 1992, PS CSA 2022	Location: Woodvale	Effective Date: 22 October 2024

Our Values

Our values drive the way we make decisions, interact with each other, and work together to achieve results.



Reporting Relationships

Position Title Principal Research Scientist/Animal Science Program Leader	Level/Grade SCL4	⇔	Position title Principal Research Scientist Senior Research Scientist Research Scientist Senior Project Officer Senior Technical Officer	Level SCL4 SCL3 SCL2 L5 L5
Responsible to This position				

Officers under *direct* responsibility

Position Title	Level/Grade	Approx. no. FTEs supervised
----------------	-------------	-----------------------------

About the Role

Under general direction, designs and undertakes scientific research to inform the effective conservation management of threatened and priority terrestrial invertebrate fauna. Prepares reports and scientific publications and provides expert scientific advice. Liaises and collaborates with conservation managers to ensure that policies and management practices are based on the best available scientific information.

Individuals undertake their duties and responsibilities in accordance with the department's [Code of Conduct](#), policies and procedures, and relevant Government legislation.

Position Title Research Scientist (Invertebrate Ecologist)		
Position No. DBCA3165580	Level/Grade SCL2	Effective Date 22 October 2024

Responsibilities:

Scientific duties

- Designs and implements scientific research investigating the ecology of threatened and priority terrestrial invertebrate fauna to support conservation management of target invertebrate species and communities in Western Australia.
- Undertakes complex analyses to better understand population status of key invertebrate species/communities including their abundance and distribution.
- Collaborates with regional staff and research partners to identify knowledge gaps and design projects for priority research on the conservation biology of the State's invertebrate fauna.
- Prepares reports and scientific publications on results of research, integrates findings within broader theoretical frameworks and effectively translates research outputs to inform conservation management.
- Provides specialist advice on research outcomes to internal and external stakeholders relating to invertebrate conservation.

Other

- Prepares and manages project budgets and coordinates staff and students allocated to the work program.
- Participates in fire management activities that contribute to bushfire suppression and prescribed burning operations commensurate with capability, capacity, training and level of experience.
- Undertakes other duties as directed.

Selection Criteria

Applicants should address the following five criteria. These should be addressed in no more than five pages in total.

1. Relevant experience in planning and implementing scientific research into the ecology of invertebrates in relation to their conservation.
2. Sound knowledge of experimental design and complex statistical analysis applied to understanding population status of invertebrate species.
3. Demonstrated ability to publish research findings in a range of formats in a timely manner, including peer reviewed journal articles.
4. Proven ability to effectively translate research outputs and liaise with internal and external stakeholders to achieve conservation outcomes.
5. Well-developed skills to work in research teams and build innovative programs around collaborative research.

The following essential criteria will be assessed at some stage during the selection process. Desirable criteria will be assessed as required:

Position Title Research Scientist (Invertebrate Ecologist)		
Position No. DBCA3165580	Level/Grade SCL2	Effective Date 22 October 2024

6. Bachelor of Science degree in a relevant discipline (ecology, conservation biology or a related discipline) or approved equivalent qualification (ESSENTIAL) and post graduate degree in ecology (DESIRABLE).
8. Willingness to undertake field-based research (ESSENTIAL).
9. Proven ability to achieve agreed targets and milestones on schedule (ESSENTIAL).
10. Understanding of occupational safety, health and equity, and diversity principles and practices (ESSENTIAL).
11. Current C Class driver's license, preferably manual and with experience in the safe use of 4WD vehicles (ESSENTIAL).
12. Ongoing willingness and ability to participate in fire management activities that contribute to bushfire suppression and prescribed burning operations commensurate with capability, capacity, training and level of experience (DESIRABLE).

Behaviour Expectations [Leadership Expectations](#) provides a common understanding of the mindset and expected leadership behaviours for all public sector employees. The expected behaviours for this role is [Personal Leadership](#).

Other position-related information (only relevant ones will be populated)

Position Status - Permanent <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	FTE: 1
National Police Check <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No For more information refer to the department's guidelines on National Police checks .	
Current WA Driver's Licence or equivalent (only specify yes if a drivers licence is required for appointment to the position) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Medical Assessment <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Working with Children <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If this position works with children, refer to http://www.checkwwc.wa.gov.au/checkwwc/WWC+Check/	
Allowance and Special Conditions <input type="checkbox"/> District Allowance <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Ranger Leave (Rangers only) <input type="checkbox"/> North West Leave <input type="checkbox"/> No Fixed Hours (Rangers only) <input type="checkbox"/> Other (Please specify)	

Certification

Verified by: Recruitment and Establishment Section
 Registered JDF
Cbrown 24 October 2024