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Department of Biodiversity,  
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## Fauna Conservation Program

For more information contact:

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or visit DEC's website [www.dec.wa.gov.au](http://www.dec.wa.gov.au).

### Scope

Applied research undertaken by the Fauna Conservation Program seeks to understand the factors and processes that are critical for the conservation of Western Australia's rich and unique native fauna diversity. Ensuring the persistence of threatened species, ameliorating key threats such as predation by foxes and feral cats, assessing cane toad impacts and reconstructing the fauna of rangeland and arid areas are major objectives.

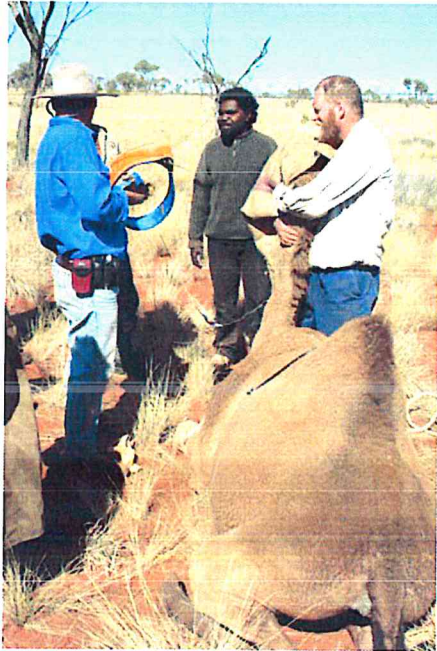
This research is aligned with the information needs of the Department of Environment and Conservation (DEC). Strong collaborative linkages exist with universities, cooperative research centres, CSIRO and other research institutions and the corporate sector.



### *What we do*

- Research the ecology and biology of threatened species.
- Develop protocols for ameliorating threats and for undertaking translocations to improve the conservation status of threatened species.
- Research ways to improve the control of introduced predators, particularly foxes and feral cats.
- Identify the impacts of emerging pests such as cane toads, feral pigs and feral camels.
- Develop and implement fauna reconstruction programs to assist in the ecological restoration of rangeland areas.
- Contribute to the development and implementation of species recovery plans.
- Communicate knowledge.
- Work collaboratively with land managers to ensure management practices are sustainable and based on the best available knowledge.





### *Current key activities and projects*

- Conserving Gilbert's potoroo and several other threatened species such as the chuditch, ringtail possum, rock-wallaby, woma python and western ground parrot.
- Identifying the main causes of native fauna decline, with an emphasis on interactions between introduced and native predators and the potential impact of disease.
- Developing an effective baiting strategy to control feral cats.
- Assessing the potential impact of cane toads on native fauna in the Kimberley.
- Monitoring important island fauna populations.
- Restoring arid zone mammal fauna as part of the Rangelands Restoration project in the Lorna Glen (Matuwa) Conservation Park.
- Collaborating with universities in identifying and confirming the taxonomic status of island fauna.
- Identifying conservation status and survey methods for threatened butterflies and moths.



Fauna Conservation Program staff are based at locations throughout Western Australia including Albany and Manjimup, and in the Perth metropolitan area at the Woodvale and Kensington research centres.