

## Concept Plan CF 2018-135

# Captive breeding of Western Ground Parrots at Perth Zoo.

Perth Zoo Science

### Project Core Team

Supervising Scientist	Peter Mawson
Data Custodian	Peter Mawson
Site Custodian	

### Project status as of Feb. 4, 2019, 5:10 p.m.

New project, pending concept plan approval

### Document endorsements and approvals as of Feb. 4, 2019, 5:10 p.m.

Project Team	granted
Program Leader	granted
Directorate	required

# Captive breeding of Western Ground Parrots at Perth Zoo.

## Biodiversity and Conservation Science Program

Perth Zoo Science

## Departmental Service

Service 6: Conserving Habitats, Species and Communities

## Aims

To determine if the species can successfully be bred in captivity, as this knowledge will inform future recovery actions. Given this, Perth Zoo is working to develop and document captive breeding techniques that maximize reproductive output for Western Ground Parrots, while also taking the opportunity to learn as much as possible about the biology and behaviour of the species. As relatively little is known about this highly cryptic species, the information being providing to those working with the species in the field is valuable.

## Expected outcome

To increase knowledge of western ground parrot behaviour, social interactions and dietary preferences, and develop breeding and rearing techniques

Determine if a full-scale breeding program would be a viable option.

## Strategic context

### Expected collaborations

Regional Services and Biodiversity Conservation Science staff in the South Coast Region and BCS staff at the Woodvale Research facility. Financial assistance from State and Federal biodiversity programs and non-government supporters including the local south coast Friends group.

## Proposed period of the project

July 1, 2017 – June 30, 2026

## Staff time allocation

Role	Year 1	Year 2	Year 3
Scientist			
Technical	1.5	1.5	1.5
Volunteer			
Collaborator			

## Indicative operating budget

Source	Year 1	Year 2	Year 3
Consolidated Funds (DBCA)	50,000	50,000	50,000
External Funding	80,000	9000	