

SCIENCE PROJECT 2012-22 CONSERVATION OF SOUTH COAST THREATENED BIRDS

CONCEPT PLAN

title and summary

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Science Project Overview

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Part A - Summary & Approval	bla

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Project summary

The Western Ground Parrot (CR), Noisy Scrub-bird (VU), Western Bristlebird (VU) and Western Whipbird (VU/P4) are all in need of management action, and some of these actions require research, as specified in the South Coast Threatened Birds Recovery Plan (Gilfillan et al. 2009). Required research relates to the major threats that have been identified (uncontrolled/unmanaged fire, and introduced predators) and to the reduction of taxonomic uncertainty and assessment of genetic risk.

Reference:

Gilfillan, S., Comer, S., Burbidge, A. H., Blyth, J., Danks, A., and Newell, J. (2009). 'South Coast Threatened Birds Recovery Plan 2009-2018: Western Ground Parrot *Pezoporus wallicus flaviventris*, Western Bristlebird *Dasyornis longirostris*, Noisy Scrub-bird *Atrichornis clamorus*, Western Whipbird (western heath subspecies) *Psophodes nigrogularis nigrogularis*, Western Whipbird (western mallee subspecies) *Psophodes nigrogularis oregon* and Rufous Bristlebird (western subspecies) *Dasyornis broadbenti litoralis*.' Western Australian Wildlife Management Program No. 44, WA Department of Environment and Conservation, Perth.

Expected outcome

Development of an understanding of the biological and ecological factors that limit the distribution and numbers of Ground Parrots and Western Bristlebirds and the creation of management prescriptions that will increase the survival chances of the Ground Parrot, Western Bristlebird and Western Whipbird and increase their total population size.

Expected collaborations

South Coast Region staff, universities (UWA, ECU, Murdoch, Curtin)

Strategic context

Conserving biodiversity; managing natural resources and promoting sustainable practices; and Maintaining community involvement and support (parts of this work cannot be done without community involvement). The project fits within one of the major objectives of the Fauna Conservation Program as defined in the Science Division Business Plan, viz. 'Provision of reliable knowledge to underpin the conservation of threatened fauna in Western Australia'.

Staff time allocation

[[{"Role": "Year 1", "Year 2", "Year 3"}, {"Scientist", ""}, {"Technical", ""}, {"Volunteer", ""}, {"Collaborator", ""}]]

Indicative operating budget

[[{"Source": "Year 1", "Year 2", "Year 3"}, {"Consolidated Funds (DPaW)", ""}, {"External Funding", ""}]]

Science and Conservation Division Director's Comment

None

Comment of the Output Program's Director

None