



## Have you recently seen a dunnart?

Please complete a survey form or contact:

Julia Creek Visitor Information Centre  
34 Burke St, Julia Creek, Qld 4823  
Phone: 07 4746 7690  
Email: [tourism@mckinlay.qld.gov.au](mailto:tourism@mckinlay.qld.gov.au)

Survey forms are available from the McKinlay Shire Council Office, Julia Creek Information Centre, [www.mckinlay.qld.gov.au](http://www.mckinlay.qld.gov.au) and [www.southerngulf.com.au](http://www.southerngulf.com.au)

*Queensland's native wildlife is protected under the Nature Conservation Act 1992. Persons are required to hold licenses, permits or authorities (wildlife authorities) to take, keep and use many native plants and animals.*



Australian Government



Southern Gulf NRM



## Who are we?

Southern Gulf NRM is the natural resource management (NRM) organisation for the Southern Gulf region of north west Queensland. We work with our partners and the community to improve and protect our region's natural resources and maintain the prosperity of industries and communities that rely on these. The region comprises all the land whose creeks and rivers run into the south of the Gulf of Carpentaria.



PO Box 2211 | 43 Barkly Highway | Mount Isa Qld 4825  
**FREECALL** 1800 676 242  
**Telephone** 07 4743 1888  
**Email** [admin@southerngulf.com.au](mailto:admin@southerngulf.com.au)  
**[www.southerngulf.com.au](http://www.southerngulf.com.au)**



Southern Gulf NRM

## Julia Creek Dunnart RESEARCH

### CITIZEN SCIENCE TO HELP SAVE A SPECIES

Southern Gulf NRM and McKinlay Shire Council are pleased to continue to work together to support the endangered Julia Creek dunnart.



People of all ages can contribute valuable data to this Citizen Science program by providing dunnart sighting information. The information provided will complement research previously conducted in the region and assist in gaining a better understanding of the distribution and ecology that supports this iconic threatened species.

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The Julia Creek dunnart is a nocturnal marsupial found only in the Mitchell Grass Downs of north-western Queensland. It relies on the cracking clay soils as well as Mitchell Grass tussocks and low-lying vegetation for shelter. With a ferocious appetite for insects, spiders and small invertebrates, this small animal is an important predator in the Mitchell Grass food chain. Compared to other dunnarts of the region, the Julia Creek dunnart occupies a very small range contributing to its threatened species status.

**Three species of dunnart are typically found in the region.**



**Julia Creek dunnart**  
*(Sminthopsis douglasi)*

**National Conservation Status:** Vulnerable  
**Queensland Conservation Status:** Endangered  
**Weight:** 40-70 g  
**Head and Body Length:** 110-135 mm  
**Tail Length:** 110-130 mm  
**Hind Foot Length:** >20 mm  
**Common Features:** Sandy brown colour, speckled with grey above and buffy white below. Rufous hair on the cheeks and at the base of the ears. Dark hairs towards the tip of its tapering tail. A darker face stripe runs between its ears and eyes.



**Fat-tailed dunnart**  
*(Sminthopsis crassicaudata)*

**National Conservation Status:** Not listed  
**Queensland Conservation Status:** Least concern  
**Weight:** 10-20 g  
**Head and Body Length:** 60-90 mm  
**Tail Length:** 45-70 mm  
**Hind Foot Length:** 14-17mm  
**Common Features:** No distinct facial stripe. Colouration may vary from reddish tinged or ginger fur to grey, depending on distribution, and buffy white below.



**Stripe-faced dunnart**  
*(Sminthopsis macroura)*

**National Conservation Status:** Not listed  
**Queensland Conservation Status:** Least Concern  
**Weight:** 15-25 g  
**Head and Body Length:** 70-100 mm  
**Tail Length:** 80-110 mm (about 1.25 times the head-body length)  
**Hind Foot Length:** <20 mm (average 17-18 mm)  
**Common Features:** Grey-brown with white feet and underparts. Distinct dark stripe that runs between its ears and eyes. Distinguished from the fat-tailed dunnart with a comparatively longer tail.