



# Artemis

n a t u r e f u n d

[artemis.org.au](http://artemis.org.au)

*Last year we developed an ambitious plan to intensify our habitat restoration work on Artemis over the next 18 months.*

**Most of this has now been  
funded!**



## What we received

We are very pleased to announce that the Australian Government, through the **"Environment Restoration Fund – Threatened Species Strategy Action Plan – Priority Species Grants"** has pledged **~\$130,000** over the next 18 months to help us restore parrot habitats on Artemis Station.

As part of the deal, Artemis Nature Fund has promised to contribute **~\$60,000 cash**.

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## What we've promised to do

Golden-shouldered Parrots are declining because their habitats have become choked by invasive native trees. This has allowed ambush predators to kill an unsustainably large number of nestlings, fledglings and adults.

Thanks to the new funding, we will be able to make significant gains in tackling the woody thickening problem. With the funding, we have promised to:

- **Restore 50 hectares of habitat:** We will continue to restore areas where parrots still occur and expand into areas where parrots have recently abandoned. These areas are 3-6km from occupied territories. Once these new areas are restored we expect that parrots will disperse into them and re-establish territories, possibly assisted by supplementary feeding. Recolonisation will demonstrably improve the trajectory of Golden-shouldered Parrots by expanding their current range.
- **Monitor parrots:** A large proportion of parrots on Artemis now wear unique colour leg bands which allows detailed monitoring of individuals. We use camera traps at supplementary feeders to monitor survival rate. We also count the ratio of marked to unmarked birds at waterholes to

calculate population size. Finally, we monitor nest success annually. Each of these parrot-focused monitoring activities provides a direct way to measure the effectiveness of our actions on parrots.

- **Monitor vegetation response:** Ultra-high resolution, georeferenced drone photos will be taken pre- & post-management. This allows accurate measurement of the amount habitat restored & the type of restoration work (eg clearing v thinning).
- **Monitor termite mounds:** Golden-shouldered Parrots nest in termite mounds. We are monitoring the availability and growth rates of termite mounds to see how this critical resource responds to habitat restoration.
- **Monitor butcherbirds:** Two of our restoration methods leave standing dead trees while the other razes stems to ground level. We will track pied butcherbirds (a key parrot predator) to determine how these different management outcomes affect predation. We will be using state-of-the-art tracking devices that record bodily movements, which are interpreted as different behaviours. We are most interested to see how hunting behaviour changes pre- and post-management.



**Building on our recent work.**

A large reason why our funding application was successful was because of the work over the past couple of years. During that time, we have shown that we can tackle this conservation problem with practical actions. This was only possible because of previous grants and the generous donations from people like you... so thank you!

As noted above, Artemis Nature Fund has promised a ~\$60,000 cash co-contribution to the work over the next 18 months. We have set a fund-raising target of \$40,000 to supplement funds carried forward. If you can help, please visit <https://artemis.org.au/donations/>

If you would like more information, please visit <https://artemis.org.au/our-work/> or send us an email.

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Artemis Nature Fund

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