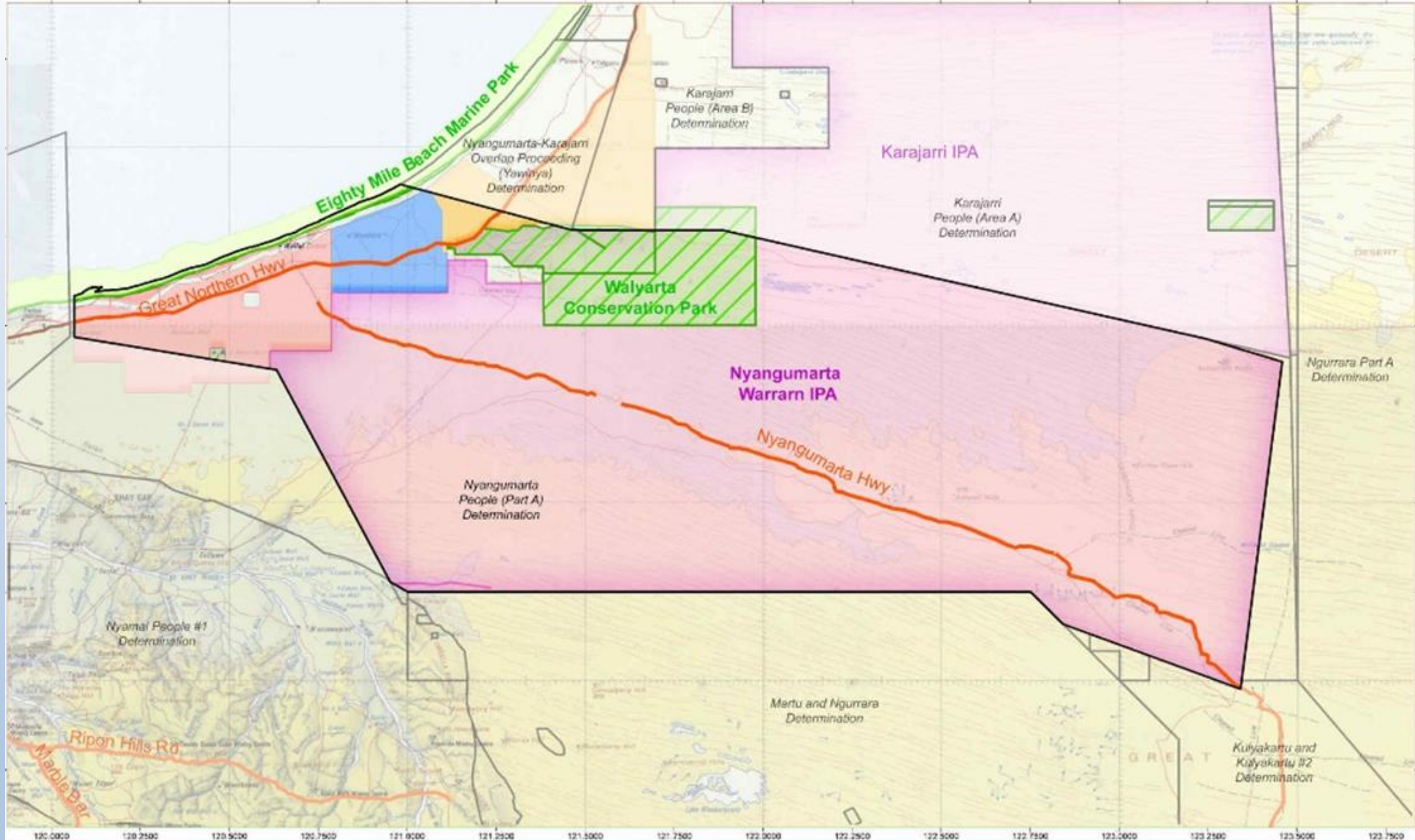




Pirrawarnku on warrarn

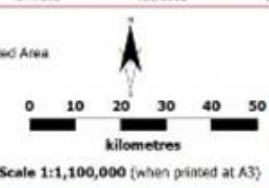
-Nyangumarta Ranger cat
management journey



Nyangumarta Indigenous Protected Area



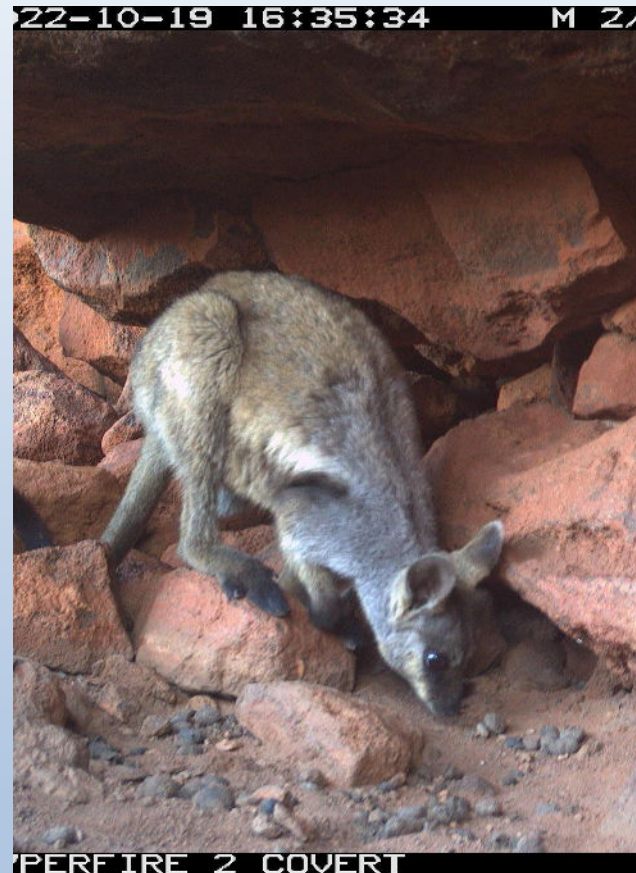
- Legend**
- State Road
 - Determination Boundary
 - Nyangumarta Determination Boundary
 - Joint Managed Reserve
 - Joint Managed And Vested Reserve
 - Indigenous Protected Area
 - Pastoral Leases**
 - Anna Plains
 - Mandora
 - Wala Downs



DRAFT

Claim / Determination Boundaries: National Native Title Tribunal, Mar 2021.
Raster 1M Digital Maps: © Commonwealth of Australia (Geoscience Australia) 2008.
Tenure boundaries: © Landgate (2021).
IPAs: © Commonwealth of Australia (DAWE)
Reserves: © DSCA (2021)





2009 Nyangumarta Warrarn native title awarded

2015 IPA declared and ranger team established.

Expanded to men and women's team with cultural advisors and elders ~ 40

Since first IPA management plan in 2015, feral animal control been a priority for Nyangumarta.

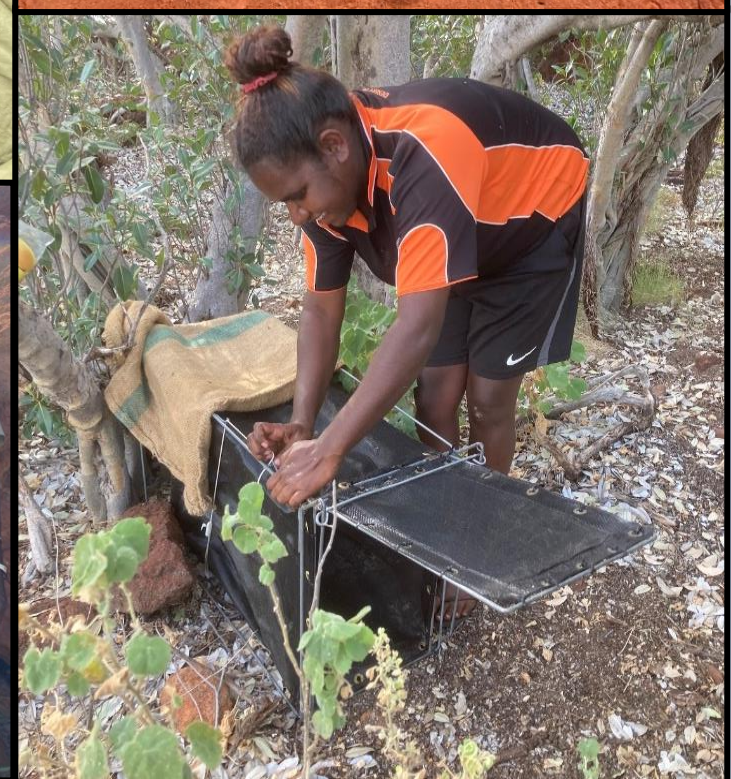
Concern for bilbies and other significant species.

Discovering new BFRW populations—known to be threatened by cats on Nyikina Mangala Country

Cat management

- 2 ha plot surveying → Cat tracks everywhere
- Sensor camera surveys → Cats everywhere
- Threatened species monitoring (bilby, black foot rock wallaby, northern quoll.)
- Fire management
- Cage trapping and spotlighting
- Kiwirrkurra Ranger exchange (IDA) → Film Finalist at UNESCO Earth Futures Film Festival
- [Marrngumili Warrarn Muwarr Pirraja - Sharing Desert Stories on Vimeo](#)
- Fire and Biodiversity Project with Environs Kimberley to understand impact of different fire patterns on biodiversity
- Felixer cat grooming traps



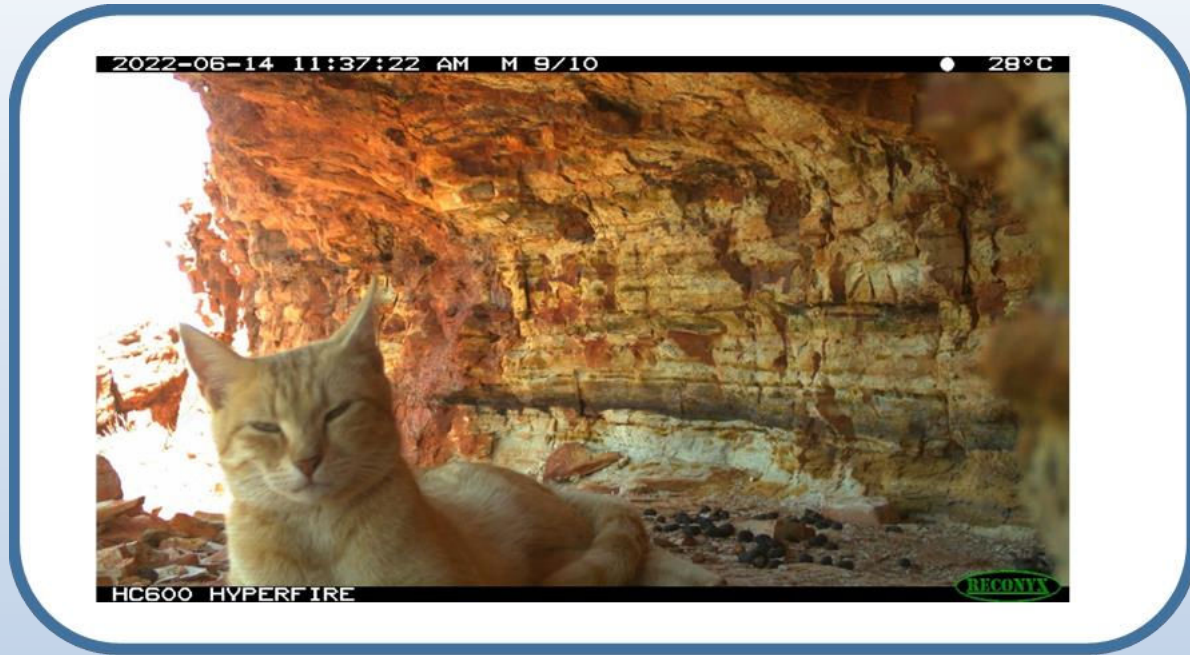


Fire Management

- Burn Plans → to protect different ages of spinifex and animal habitat
- Burn right way
- Fire Training
- Fire Scar mapping
- Biodiversity surveys to monitor and inform fire management







Feral Cat Mugshot ID

Creating a database of cats caught on camera.

Further camera trapping will identify whether cats in locality are changing.

Date	14/06/2022
Time	11:37:22 AM
Location	Rocky outcrop 2 FMG Track
Physical Condition	Very Good
Sex M/F	Male
Distinguishing Features	Ginger Tabby

Felixer -Cat grooming Traps



2022-11-28 15:24:24 M 1/3 34°C



- Two Felixer for 15month lease
- Two Felixer for 24 month lease

Threatened species project with EK on quolls, black-footed rock-wallabies and brush-tail possum → monitoring + management

- Targeting key rocky outcrop habitat containing black-footed rock wallabies.
- Assessing effectiveness of Felixers in managing cats visiting the outcrops.
- Regular monitoring of cats and BFRW populations to be protected will take place.

Funding to continue to look for threatened species in the IPA.

Wanting to trial and find best options for cat management: also keen to try leg-hold trapping

Challenges

- Methods which are easily available to us (cage trapping and shooting) found to not be effective on Nyangumarta desert country
- Other methods (Felixers, leg-holds, baiting) require complicated licensing/permits, not easily accessible to Aboriginal rangers.
- Felixers:
 - long and complicated process with little support and clarity
 - clear as mud in relation to signage
 - expensive
 - need to be leased instead of bought → tight timelines
- How to get leg hold trapping permit/experience.

In the future it would be great to have:

- More support and clarity from Government departments on possible management methods + licensing/permits
- More support and info from Thylation on Felixer requirements and regulations (e.g. info sheet handed out to people who lease Felixers on what the requirements are for each state/ info on website)

Current Available methods

- **Shooting:**
 - must be licenced and comply under the Firearms Act 1973, Animal Welfare Act 2002 and Biodiversity Conservation Act 2016; authorised persons may humanely destroy feral cats providing land owner permission is obtained.
- **Baiting:**
 - Eradicat bait (1080) registered for use in Western Australia; Eradicat can only be used by Authorised Officers, Licensed Pesticide Management Technicians that comply under the Medicines and Poisons Act 2014.
- **Cage trapping:**
 - cage trapping permitted for cat control (under permit) under the Animal Welfare Act 2002.
- **Leghold traps:**
 - leghold traps are not permitted for cat control (unless under special exemption), considered inhumane devices under the Animal Welfare Act 2002.
- **Dogs:**
 - the use of dogs is permitted ensuring compliance under the Animal Welfare Act 2002 and Dog Act 1976.
- **Felixer grooming trap:**
 - no specific legislation preventing the use of Felixers; until broadscale registration is received, Felixers can only be operated with toxins if approved by the APVMA and State authorities.

Thankyou!!!! Any Questions?

