



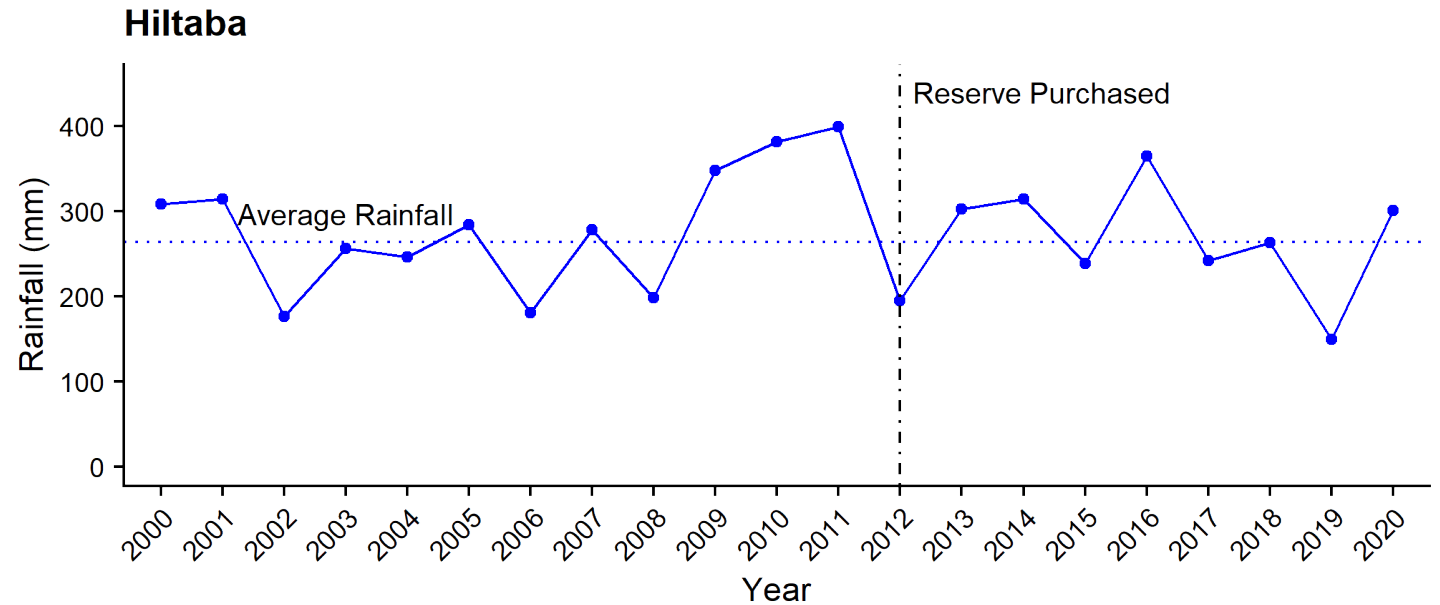
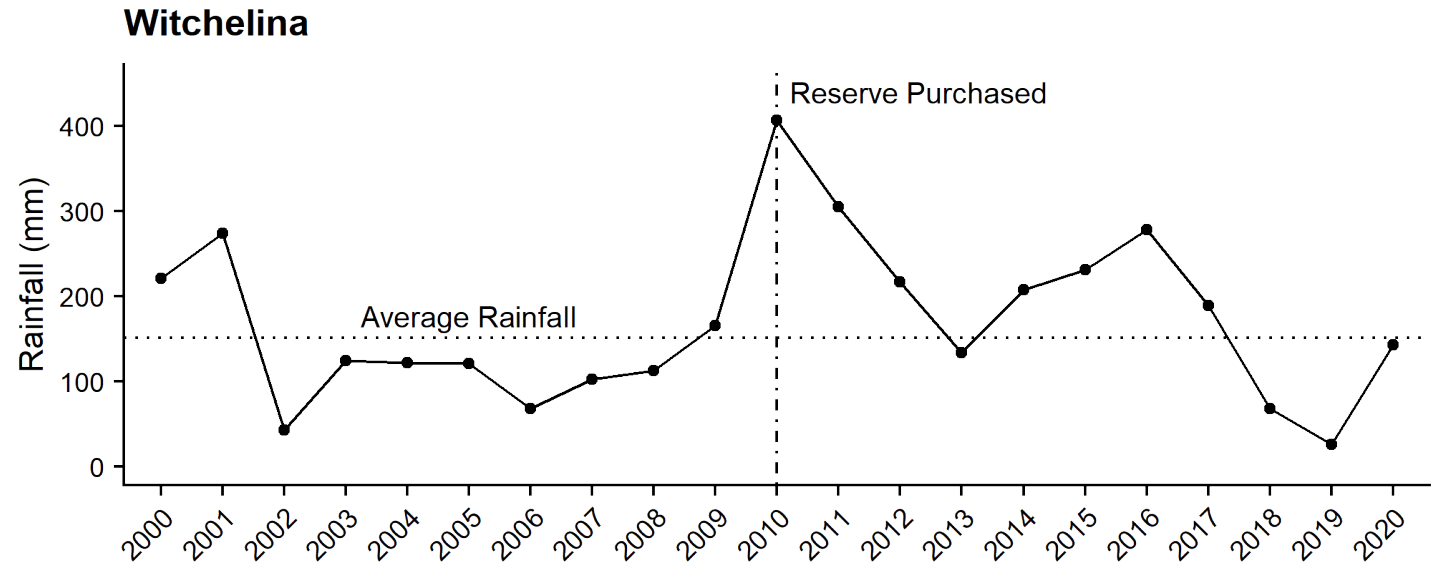
# Climate and Biodiversity





# Climate

- Low rainfall from 2018 to 2019
- 2020 a break in the drought
- Conditions generally much improved for flora and fauna



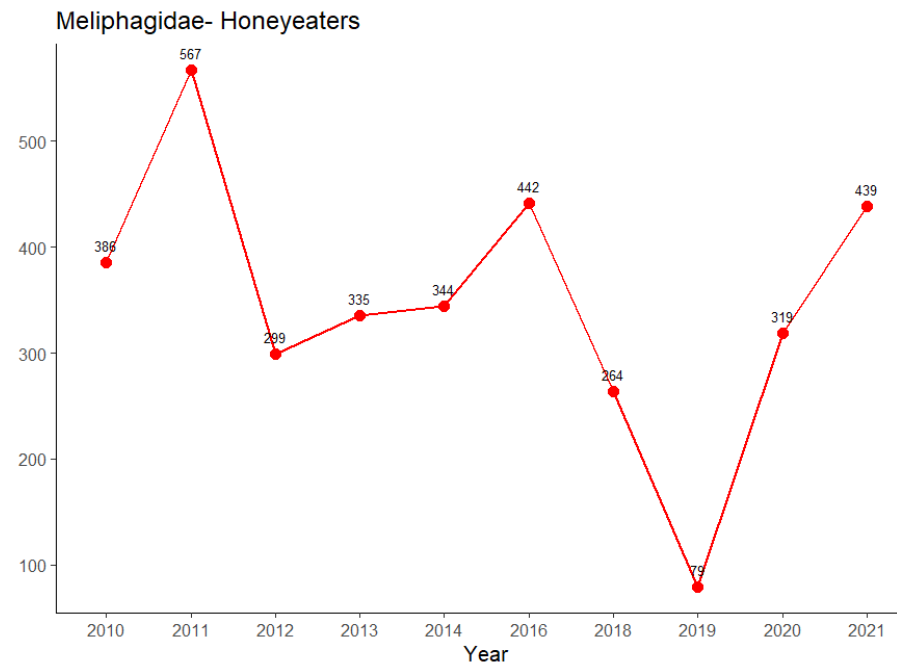


# Birds

## Witchelina

With a bit of rain in 2020 bird response is positive.

- Budgies returned
- Finches and wrens breed again



# Threatened Species

## Witchelina

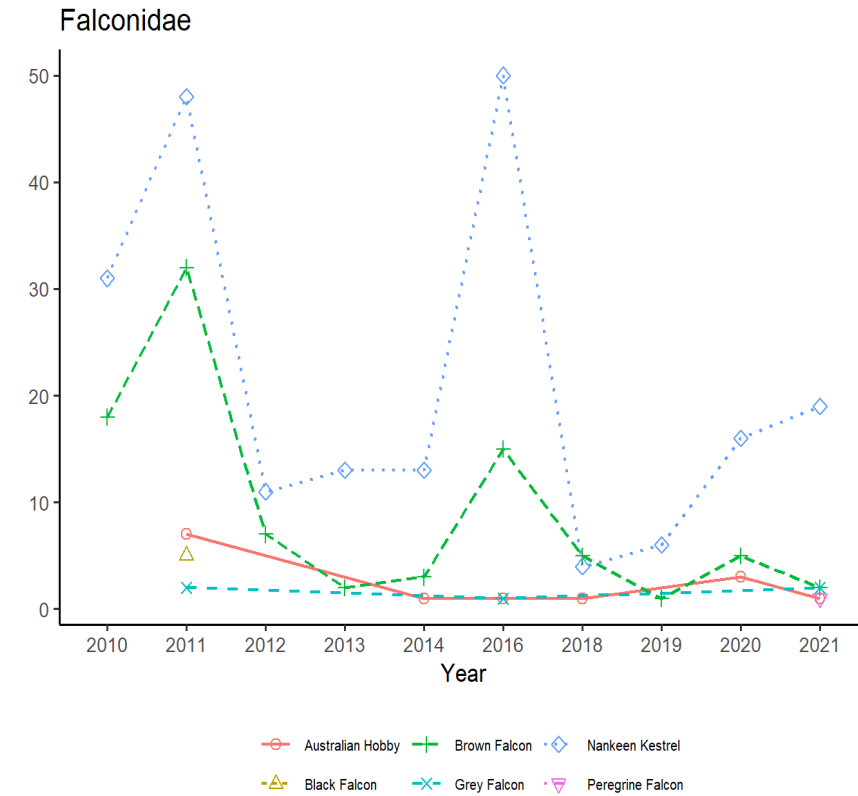
- Decline in grasswrens since the peak of the La Nina in 2011.
- Targeted surveys in 2021 reveal growth in the population since rain in 2020. Results to come.
- Plains mouse have been detected on camera traps at several locations. Although abundance is not known.



# Raptors

## Witchelina

- Wedge-tailed eagles had not bred for 2 years until this year.
- Due to an increase in red kangaroos with young at foot (~20%)
- Kestrels, brown falcon, little eagle and black-breasted buzzard all breeding.





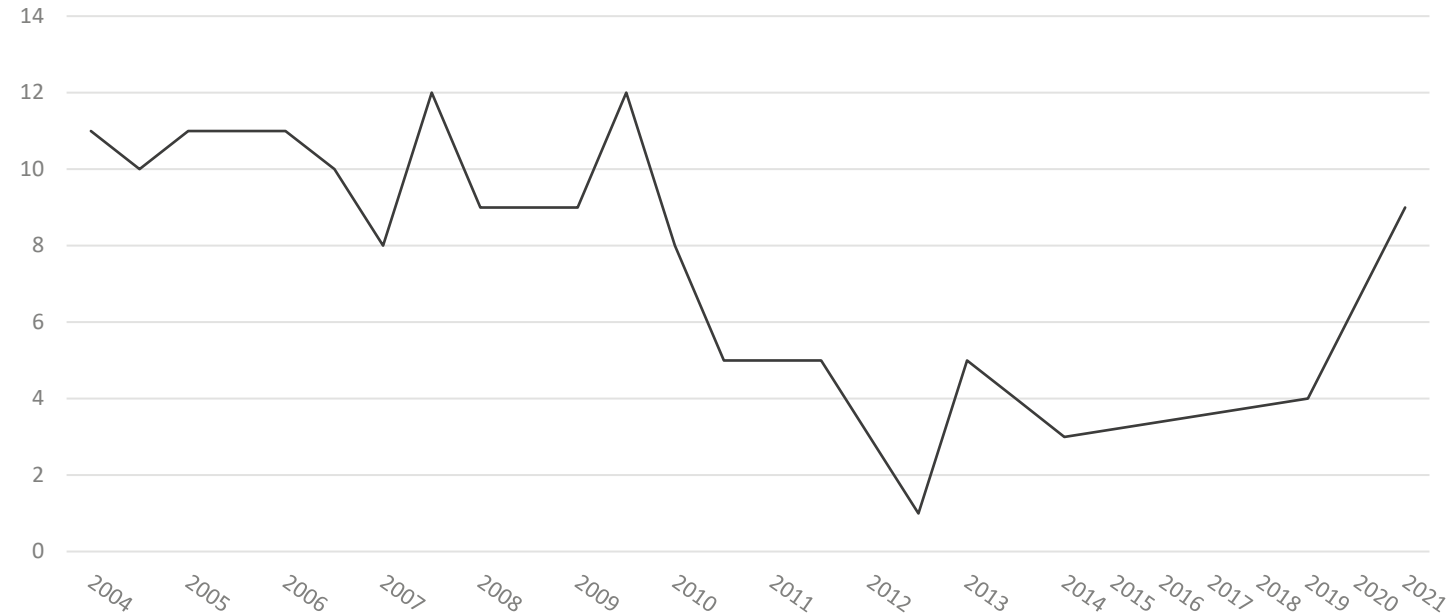
# Yellow-footed Rock-wallaby

## Hiltaba

- Mt Friday population is beginning to show signs of recovery
- Improved food resources = increased fecundity
- Less competition for shelter = better thermo-regulation in heat
- Less predation = better juvenile survival rate.
- Sub-adult females get to breed.



Total animals trapped



END145

SW21 ● 049F 09C 26/06/2021 15:18:50



END145

SW21 ● 057F 13C 01/06/2021 18:20:07



**Thank  
you.**



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