

National Malleefowl Recovery Team 2016- 17 Annual Update



This last year has been extremely productive for the Recovery Team. Our Team has grown, we have broken some monitoring records and the AM Experiment is proceeding confidently. We are in the process of rewriting our Recovery Plan and can say that it will have a strong focus on **monitoring Malleefowl** and the **Adaptive Management Experiment (Predator)**. The AM Experiment is essential because we still don't fully understand what are the best on ground actions for Malleefowl.

The selection of Malleefowl by the Threatened Species Commissioner, as a target species has increased funding opportunities for all of those wanting to help with Malleefowl conservation.

Gregory Andrews, Threatened Species Commissioner (right) discusses the Malleefowl Recovery Plan with Tim Burnard, National Malleefowl Coordinator in Canberra last year.



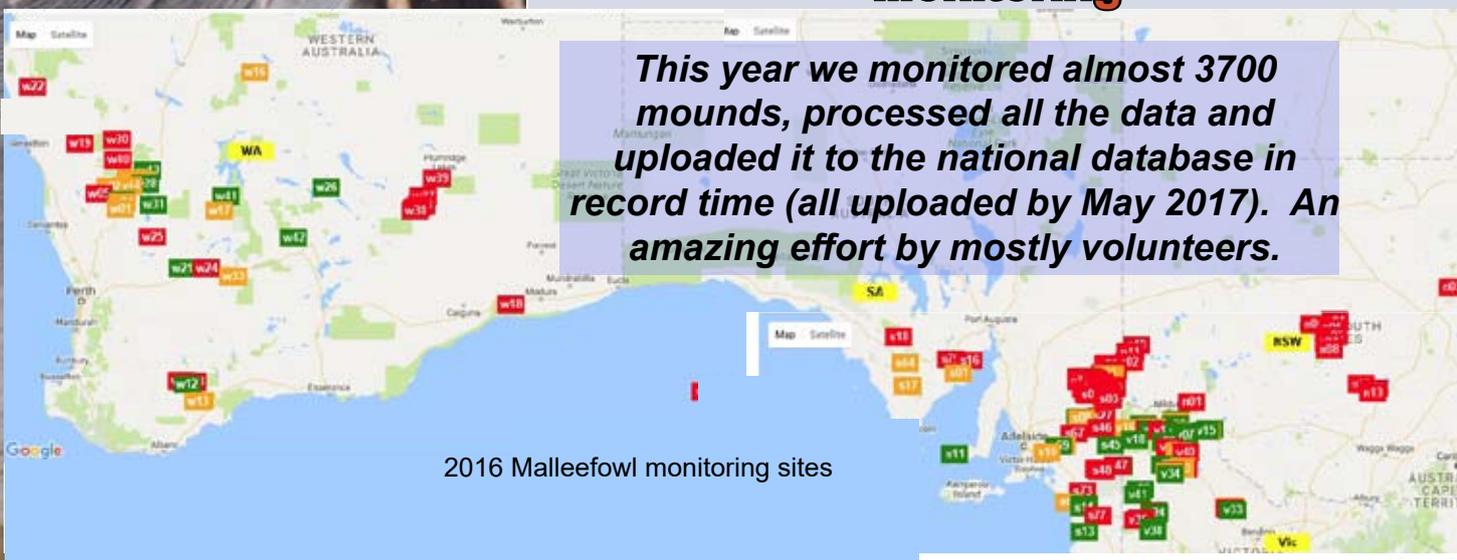
Training

Monitoring is essential to our understanding of how the species is faring, but before we can do any monitoring we need an army of trained volunteer monitors (or citizen scientists).

In 2016 we ran eight training events from WA to NSW.

Monitoring

This year we monitored almost 3700 mounds, processed all the data and uploaded it to the national database in record time (all uploaded by May 2017). An amazing effort by mostly volunteers.



Monitoring Processing Progress for Season 2016

Season started on 01/09/2016: Week 39

Mounds

State	Mounds	Loaded	Complete	0	100%
NSW	513	Loaded	0 %		
		Complete	0 %		
SA	1219	Loaded	90 %	<div style="width: 90%; background-color: orange;"></div>	<div style="width: 100%; background-color: green;"></div>
		Complete	100 %		
VIC	1127	Loaded	115 %	<div style="width: 115%; background-color: orange;"></div>	<div style="width: 99%; background-color: green;"></div>
		Complete	99 %		
WA	1352	Loaded	94 %	<div style="width: 94%; background-color: orange;"></div>	<div style="width: 100%; background-color: green;"></div>
		Complete	100 %		

We have about two hundred volunteer monitors assist every year at about 110 sites. This year we monitored 1352 mounds in Western Australia, 1219 in South Australia and 1127 in Victoria. All of this data was uploaded to the national database by the end of April.

This is the first time we have achieved this!

We have been awarded a WA Community Action Grant to help train more people in the next two years.

The Adaptive Management Experiment

The Adaptive Management Experiment continues to gain momentum. We held the third round of talks with partners in Perth and Mildura (May 2017). The meetings were an excellent chance for the AM team to meet with partners and check that we are all heading in the same direction. With the continuing growth of the Adaptive Management Experiment we have appointed two new Project Officers Dr Liz Fenwick (Vic) and Dr Liz Kington (WA) who will accelerate the AM Experiment by offering our partners assistance.



Some of the team that 'broke records' with nearly 900 mounds ground truthed in just two weeks

Mt Gibson (WA) was the centre of a massive LiDAR and ground-truth exercise (about 900 mounds) including Mt Gibson mine, Bush Heritage, AWC and Ninghan IPA properties. There have been many cameras (recording predator activity) deployed in SA and WA, and LiDAR of Little Desert National Park in Vic. Perhaps most exciting is that we have the first camera-trap data flowing from sites in Kalgoorlie.

The sites being developed for the AM Project



The Recovery Team receive no central core funding but rely on assistance from many organisations. We are very grateful to these organisations for their help in 2016-17.

