

THREATENED SPECIES AND/OR COMMUNITIES RECOVERY TEAM

PROGRAM INFORMATION

Recovery Team Warren Threatened Flora Recovery Team

Reporting Period Calendar year 2010

Current membership

	Member	Representing
1. Chair	Brad Barton	DEC, Warren Region, Regional Leader NC
2.	Cassidy Newland	DEC Warren Region, Conservation Officer
3.	Ian Wilson	DEC Donnelly District NC Coordinator
4	Jo Smith	DEC Donnelly District Flora Officer
5.	Karlene Bain	DEC Frankland District NC Coordinator
6	Janine Liddelow	DEC Frankland District Flora Officer
7	Roger Hearn	DEC Warren Region Ecologist
8	Ray Cranfield	DEC Science Division
9	Terry McFarlane	DEC Herbarium
10	Lachie McCaw	DEC Science
11	Andrew Brown	DEC Species and Communities Branch
12	Ted Middleton	DEC, volunteer, Walpole Nornalup National Parks Association
13	Lee Fontanini	Warren Catchments Council
14	Kathy Collins	Volunteer
15	Jenny Dewing	Blackwood Environment Centre
16	Mavis Sowry	Volunteer, Walpole Nornalup National Parks Association
17	Erica Shedley	Volunteer/ Contract employee DEC Science Division
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Dates meetings were held No meetings held during the 2010 calendar year.

One to two paragraph summary of achievements

See attached summary from Districts and recover team members

List of actions undertaken by Recovery Team members

Donnelly District

TEC

Reedia spathacea - *Epodismia gracillimum* - *Schoenus multiglumis* dominated peat paluslopes of the Warren Biogeographical region

6 new records within the Donnelly District on the west side of Mt. Chudalup. The western occurrences extend from Windy Harbour Road NW to the old Wheatley Coast Rd. Population on Chesapeake Brook and west of Chudalup have been mapped. Population east of Chudalup has 50% mapped. Observations and photos recorded at all populations in particular Mt. Chudalup occurrences.

PEC

Epiphytic cryptogams of the Karri forests of south west of Western Australia

The community has been mapped across the landscape within the Dombakup and Warren forest blocks with 544 locations scored for developmental stage. Potential protectable reserves have been identified for exclusion from prescribed burning. The next stage is the installation of transects and quadrates in protectable and unprotectable areas. The data will be used as a baseline for monitoring the impact of prescribed burning and harvesting operations on the community within these forest blocks.

DRF

Andersonia annelsii

Annual monitoring. Overall population is stable, although plants appear stressed at the site on the highest elevation. This may be due to the unusually dry conditions.

Caladenia christineae

All district populations monitored. Numbers down by 90% - 100% at most populations where plants have been observed in recent years. Habitat conditions were extremely dry at time of monitoring. Population 19 (Q) Mersea FB - 43 flowering plants were counted. A prescribed burn was undertaken in autumn 2010. 5mx5m grid installed across population. The regenerating vegetation was scored in spring 2010. Monitoring will assist to determine if the population is moving across the landscape within suitable habitat as anecdotal evidence has indicated and the impact of weeds and fire intensity on the population.

Grevillea acropogon

Translocation successful, area fenced, ongoing monitoring of founder population and translocated population. Additional translocation site being assessed.

Caladenia dorrienii

All district populations were visited on 3 occasions during the normal flowering period

Frankland District

In 2010 surveyed 87 populations:

33 DRF

2 P2

30 P3

16 P4.

We have found approx 30 new populations of DRF and Priority species in 2010. Five are DRF with 2 new populations of *Verticordia fimbriolepis subsp australis* previously only known from 2 locations.

We also undertook project work on:

Reedia spathacea - fire response monitoring project

Reedia spathacea - fencing of two populations (under NRM funding)

Quarram grasslands - short fire rotation response project

Mt Lindesay Rare Flora fire recovery project

Floristic diversity of the Northern Reserves (some new priority sp so far).

Rare Orchid survey of Wambellup Reserve (with orchid society volunteers). 1 new P4 orchid,

Caladenia integra, a species not previously recorded in Frankland.

Banksia verticillata - exclusion zone mapping for PB_440 in Nuyts.

Banksia verticillata seedling health monitoring in Woolbales.

Roger Hearn

Recommendations for additions to the Priority Flora List have come back from the Herbarium and are now officially listed.

Astartea sp. Lake Muir (B.L. Rye 230128 & R.W. Hearn) P2

Donnelly

Astartea sp. Pingerup Rock (E.D. Middleton 78) P2

Frankland

Caladenia longicauda subsp. Manjimup (G. Brockman (GBB 254) P1

Donnelly

Caladenia sp. Keninup (S. Clarke SC 127) P2

Donnelly

Caladenia sp. Muir Hwy (W. Jackson BJ 341) P1

Donnelly

Senecio oldfieldii P2

Donnelly, Albany

Erica Shedley

Completed a draft Fire Management Guideline for *Kennedia glabrata*

Cassidy Newland

State NRM funding was secured and led to the fencing of additional areas of Reedia in Frankland District, the purchase of high resolution imagery for Reedia and *Banksia verticillata*, fencing of *Grevillea acropogon* and extending fencing at *Caladenia winfeldii* and some habitat restoration work at the *Andersonia annellsii* population.