

THREATENED SPECIES AND/OR COMMUNITIES RECOVERY TEAM

PROGRAM INFORMATION

Recovery Team	Albany Rare Flora	
Reporting Period	Calendar year 2011	
Current membership		
	Member	Representing
1. Chair	Sarah Comer	DEC
2. Exec Officer	Sarah Barrett	DEC
3.	Sue Osborne	Ongerup Wildflower Society
4	Linda Strahan	Albany Wildflower Society
5.	Libby Sandiford	Albany Wildflower Society
6	John Tucker	Ravensthorpe Wildflower Society
7	Margaret Pieroni	Community member
8	Merle Bennett	Ravensthorpe Wildflower Society
	Andrew Brown	DEC
	Dave Coates	DEC
	Anne Cochrane	DEC
	Greg Freebury	DEC
	Sylvia Leighton	DEC

Dates meetings were held 11/5/11; 2/11/11

One to two paragraph summary of achievements suitable for WATSNU

Fencing of CR taxa (*Acacia awestoniana*, *Daviesia ovata*, *Latrobea colophona*, *Leucopogon gnaphalioides*, *Darwinia collina*, *Banksia montana* and *Banksia anatona*) that have been grazed over multiple years will enhance growth and survival and enable populations to reproduce and produce seed. This will greatly increase the number of individuals from which seed may be collected and will facilitate translocations of several of these species for which minimal amounts of seed are in storage.

List of actions undertaken by Recovery Team member/s

Action 1 Phosphite application

Aerial phosphite was applied to 18 DRF including 11 CR taxa in 38 targets, Stirling Range NP, 272 ha in total. New targets were established for *Lambertia fairallii*.

Action 2 Herbivore protection

Fencing was undertaken for either individual plants or clusters of plants or sub-populations of CR taxa *Banksia montana*, *Acacia awestoniana*, *Daviesia ovata*, *Latrobea colophona*, *Leucopogon gnaphalioides*, *Darwinia collina*, and *Banksia anatona*

Monitoring was established for newly fenced species/ individuals.

Hand baiting of Bluff Knoll, East Bluff and Pyungoorup with 1080 oats was undertaken to protect CR taxa *Banksia montana*, *Persoonia micranthera*, *Leucopogon gnaphalioides*, *Darwinia collina*, *Latrobea colophona* as well as other components of the Montane Thicket TEC

Action 3 Monitoring

Annual monitoring of Critically Endangered Flora (including quadrat and demographic monitoring) and selected En and Vu flora was undertaken including species in phosphite program and species for which grazing control measures have been implemented.

UWA Conservation Biology Student undertook detailed transect monitoring of *Banksia brownii* populations in Milbrook Nature Reserve which will provide revised population estimates as well as reproductive and demographic information.

Action 4 Seed collections were completed for CR taxa *Andersonia axilliflora*, *Banksia montana*, *B. brownii*, *Darwinia collina*, *Lambertia fairallii*, *Latrobea colophona*, *Banksia anatona*, *Leucopogon gnaphalioides*, *Isopogon uncinatus*, *Persoonia micranthera* (first collection to date), *Daviesia ovata*, *Daviesia glosseosema*, *Calectasia cyanea*, *Acacia awestoniana* and En/Vu taxa: *Darwinia nubigena*, *D. squarrosa*, *B. rufa* ssp. *pumila*, *Gastrolobium vestitum*, *Sphenotoma drummondii* and *Xyris exilis*.

Action 5 Translocations were implemented for CR taxa *Daviesia pseudaphylla*, *Daviesia glosseosema* and *Gastrolobium luteifolium*. Additional plantings were undertaken for *Banksia montana*.

Action 6 Survey

Five new populations or sub-populations were located for CR taxa *Lambertia fairallii*, *Isopogon uncinatus*, and Endangered/Vulnerable taxa *Boronia clavata*, *Sphenotoma drummondii*, and *Banksia rufa* ssp. *pumila*. The new population of *L. fairallii* is highly significant.

41 new populations of priority flora taxa were located (1 P1, 12 P2, 14 P3 and 4 P4 taxa).

Action 7 Weed control: *Acacia longifolia** was removed in and around *Lambertia orbifolia* ssp. *orbifolia* population 2.

Action 8 *Gastrolobium humile* (P1) was nominated as DRF.