



THREATENED SPECIES AND/OR COMMUNITIES RECOVERY TEAM

PROGRAM INFORMATION

Recovery Team Geraldton District Threatened Flora Recovery Team

Reporting Period Calendar year 2010

Current membership

Member		Representing
1. Chair	Anthony Desmond, Regional Leader of Nature Conservation, Midwest Region	DEC
2.	Alanna Chant Conservation Officer (Flora) Geraldton	DEC
3.	Vacant	Mingenew-Dongara Herbarium Group
4	Anna Sutherland	Main Roads
5.	Josephine Docherty	Mullewa Wildflower Society
6	Species and Communities Branch representatives (Andrew Brown, Jill Pryde and Gillian Stack, Robyn Luu, Nick Casson)	DEC
7	Jon Stevens	Westnet Rail (not an official member but attends regularly)
8	Jenna Brooker	Geraldton Regional Herbarium
9	Greg Burrows (To be invited)	NACC

Dates meetings were held

No formal meeting of the recovery team was held during 2010. 3 field trips for the Regional Herbarium Group took place during spring.

One to two paragraph summary of achievements

A successful recruitment trial for *Stylidium amabile* was monitored and recorded more recruitment of the *Stylidium amabile* plus also *Pityrodia axillaris* at the trial site.

Monitoring has indicated >80% survival for the 3 DRF translocation (*Eremophila nivea*, *Acacia imitans* and *Acacia unguicula*) during 2010.

Works at 3 DRF sites included protection by fencing and/or weed/ rabbit control and rehabilitation works during 2010:

Shoemia filifolia subsp subulifolia – fencing, rehab. planting, brushing, weed control and weed management guidelines produced

Verticordia spicata subsp squamosa – rabbit proof fencing, rabbit control

Stylidium amabile – rabbit proof fencing, rabbit control, weed control

List of actions undertaken by Recovery Team members

Actions undertaken by Recovery Team members during 2010 are as follows:

Survey and Monitoring

Approximately 62 populations and subpopulations of 21 DRF were surveyed and/or monitored during 2010 including *Eremophila viscida* 5 populations, *Pityrodia axillaris* 3 populations, *Stylidium amabile* 2 populations, *Eremophila nivea* 2 populations, *Caladenia bryceana* subsp. *cracens* 2 populations, *Caladenia wanosa* 2 populations, *Caladenia elegans* 7 populations, *Pterostylis* sp. Northampton 6 populations, *Caladenia hoffmanii* 3 populations including 2 new subpopulations, *Eucalyptus cuprea* 3 populations, *Stachystemon nematophorus* 1 new population, *Shoemia filifolia* subsp. *subulifolia* 2 populations, *Wurmbea tubulosa* 2 new subpopulations, *Gyrostemon reticulatus* 4 populations and subpopulations, *Verticordia squamosa* subsp. *squamosa* 5 populations, *Tecticornia bulbosa* 1 population, *Acacia woodmaniorum* 1 population, *Lechenaultia chlorantha* 1 population, *Drakaea concolor* 2 populations, *Grevillea bracteosa* subsp. *howatharra* 8 populations and subpopulations, *Commersonia adenothalia* 1 population.

7 new populations and subpopulations of 5 different DRF were surveyed (*Caladenia wanosa* 1 new population, *Caladenia hoffmanii* 2 new subpopulations, *Stachystemon nematophorus* 1 new population, *Pityrodia axillaris* 1 new population, *Wurmbea tubulosa* 2 new subpopulations).

Research Trials

3 previously implemented recruitment trials were monitored (*Stylidium amabile*, *Eremophila nivea*, *Gyrostemon reticulatus*). A poster featuring the *Stylidium amabile* recruitment trial was presented at 2 conferences (ANPC and Midwest Science Summit).

Liaison

Liaison has continued to take place with land holders and land managers in relation to DRF and priority flora populations.

Community Involvement

3 field trips were undertaken to DRF populations where herbarium group members assisted with monitoring of recruitment trials, collected specimens and produced comprehensive flora lists for the vegetation communities present (*Shoemia filifolia* subsp. *subulifolia*, *Gyrostemon reticulatus*, Depot Hill Reserve – *Wurmbea tubulosa*)

Other Flora Surveys

Flora Surveys were carried out for the Nature Bank Development and Little Lagoon developments at Shark Bay. Preliminary and ongoing flora surveys were carried out at the Loop recreation site and at 12 resource pits in Kalbarri National Park.

Assistance was provided with flora and vegetation community survey in the Buntine Marchagee Recovery Catchment.