



Department of  
Environment and  
Conservation  
*Our environment, our future*

## RECOVERY TEAM ANNUAL REPORT

### THREATENED SPECIES AND/OR COMMUNITIES RECOVERY TEAM

#### PROGRAM INFORMATION

Recovery Team

Central Wheatbelt District

Reporting Period

Submission date 31 March

DATE FROM: 1/1/2012

DATE TO: 31/12/2012

#### Current membership

	Member	Representing
Chair	David Jolliffe	DEC (Central Wheatbelt District)
Exec Officer	N/A	
members	See <b>Attachment 1</b> on page 4 of this report for a list of current recovery team members	Various agencies and community groups

Dates meetings were held

10<sup>th</sup> April 2013

**Highlights of achievements** for the previous 12 months suitable for publication in *WATSNU* and contribution to DEC annual report. Provide 1-2 paragraphs summarising total number of new populations located, surveys completed, list major management actions etc

**Despite staff turnover, and more than 6 months of vacancy in the Conservation officer Flora position, the following highlight recovery actions were achieved:**

- The completed monitoring of 124 CfoC populations and subpopulations, approx 74 non-CfoC populations and subpopulations and 9 translocation sites in the Central Wheatbelt.
- The installation of rabbit-proof fencing to encompass 12ha of remnant native vegetation in Tammin Shire on private property. This will enable the expansion of the two translocated species (*Acacia volubilis* and *Daviesia cunderdin*), and protection of the natural *A.volubilis* population within the block.
- Successful cryostorage of all known plants within the *Philothea basistyla* pops 1 & 2

#### List of recovery actions coordinated by Recovery Team

Detail under the headings below the recovery actions undertaken during the reporting period. Provide separate detail for each species/community against each action. For species/community-specific recovery teams, the generic activity types below can be replaced by the specific recovery actions from the recovery plan where appropriate.

**No recovery team meeting was held in 2012 due to staff turnover in the Conservation Officer (Flora & Fauna).**

<p><b>Monitoring and survey</b> of existing and new populations/ occurrences, targeted surveys, critical habitat mapped etc.</p>	<ul style="list-style-type: none"> <li>• <b><u>Monitoring existing Threatened flora populations in conjunction with Caring for our Country (CfoC) project:</u></b>  <i>Acacia ataxiphylla</i> subsp. <i>magna</i>: Pop 1a, 1b, 1c (new), 1d (new), 3,4a, 4b(new),6a, 6b (new),6c(new),7a,7b,7c,7d(new),8,9,10a, 10b (new),11,13a,13b,16(new);  <i>Acacia volubilis</i>: Pop 13;  <i>Banksia cuneata</i>: Pop 1,2,6a,6b,7,10;  <i>Caladenia drakeoides</i>: Pop 6;  <i>Calectasia pignattiana</i>: Pop 1,16;  <i>Chorizema humile</i>: Pop 15 (translocation);  <i>Darwinia carnea</i>: Pop 3a, 3b, 3c;  <i>Daviesia euphorbioides</i>: Pop 1a, 3b, 4, 6, 9, 12, 13, 14, 15;  <i>Frankenia conferta</i>: Pop 2, 3, 4, 5, 6a, 6b, 8;  <i>Frankenia parvula</i>: Pop 2a, 2b;  <i>Hakea aculeata</i>: Pop 1,2,3a,3b,3c,4,5,6, 7, 9, 10, 11, 12, 13, 14, 15a, 15b, 16a,16b,23, 24,28,29;  <i>Hemiandra rutilans</i>: Pop 1;  <i>Myriophyllum lapidicola</i>: Pop 1,4,5,6,7;  <i>Philotheca basistyla</i>: Pop 1,2a,2b;  <i>Ptilotus fasciculatus</i>: Pop 7,8,9,10,11 + a further 10 new populations  <i>Stylidium coroniforme subsp coroniforme</i>: Pop 2, 5, 6a, 6b, 6c, 6d, 6e, 7, 8a, 8b, 9, 11a;  <i>Tetradlea deltoidea</i>: Pop 1;  <i>Thomasia glabripetala</i>: Pop 1, 2, 3, 4, 5, 6a, 6b, 7; and  <i>Verticordia hughanii</i>: Pop 2, 3;</li> <li>• <b><u>Other Threatened Flora population monitored:</u></b>  <i>Acacia leptoneura</i>: Pop 1, 2;  <i>Grevillea sp. Gillingarra</i> Pop 1.;<i>Cyphanthera odgersii</i> subsp <i>occidentalis</i>: Pop 1a, 1b, 1c;  <i>Conospermum galeatum</i>: Pop 1;  <i>Guichenotia seorsiflora</i>: Pop 1,2,3a,3b,4a,4b,5,6a,6b;  <i>Conostephium pendulum</i>: Pop;  <i>Allocasuarina fibrosa</i>: Pop 1a,1b,1c,3;  <i>Daviesia microcarpa</i>: Pop 2;  <i>Boronia adamsiana</i>: Pop 2,4,5a,5b,6a,6b,8,10,11,13,14,15,16a,16b,17a,17b,23a,23b,23c,24;  <i>Eucalyptus brevipes</i>: Pop 6,7,8,9,10,11,12,13,14;  <i>Acacia lanuginophylla</i>: Pop 4;  <i>Acacia sciophanes</i>: Pop 1a, 1b, 1c;  <i>Acacia merrickiae</i>: Pop 1a,1b,1c,1d,2a,2b,2c,5,6,7;  <i>Acacia lirellata</i> subsp. <i>compressa</i>: 4 new pops;  <i>Banksia sphaerocarpa</i> var <i>dolichostyla</i>;  <i>Eremophila resinosa</i>: Pop 2a, 23a-m; and  <i>Symonanthus bancroftii</i>: Pop T1, T2;</li> </ul>
<p><b>Threat amelioration</b> e.g. weed control/mapping, fencing/ repairs, fire management disease management, feral/ introduced animal control, installation of roadside markers</p>	<ul style="list-style-type: none"> <li>• Maintenance of translocation sites;</li> <li>• Contract rabbit-proof fencing of 12ha (1.4km of fencing);</li> <li>• Installation of roadside markers for <i>Grevillea sp Gillingarra</i>: Pop 1;</li> <li>• Weed control within DRF habitat;</li> <li>• Approximately 83 ha of rabbit warrens in close proximity to threatened flora have been fumigated under the CfoC project;</li> <li>• Approximately 4733 ha of threatened flora habitat has been baited as part of Rabbit control (CfoC 2012-2013 project);</li> <li>• Weed control undertaken on 430 hectares of threatened flora habitat (CfoC 2012-2013 project);</li> <li>• Recruitment burns; and</li> <li>• Seed Orchard proposal for 3 Wheatbelt CR DRF in draft;</li> </ul>

<p><b>Conservation and research</b> e.g. fire research, translocation, ex-situ conservation, revegetation/rehabilitation etc</p>	<p><b>The following existing DEC Threatened Flora Translocation sites were monitoring &amp; management actions recommended:</b></p> <p><b><i>Acacia subflexuosa</i> subsp <i>capillata</i>;</b>  <b><i>Acacia volubilis</i>;</b>  <b><i>Daviesia Cunderdin</i>;</b>  <b><i>Daviesia euphorbioides</i>;</b>  <b><i>Grevillea dryandroides</i> subsp <i>dryandroides</i>;</b>  <b><i>Lysiosepalum abollatum</i>;</b>  <b><i>Symonanthus bancroftii</i>;</b>  <b><i>Eremophila resinosa</i>;</b> and  <b><i>Banksia cuneata</i>.</b></p>
<p><b>Liaison, education/provision of advice</b> e.g. promotional material inc newspaper/ magazine articles, liaison with land managers/ owners, input to impact assessment, development of specific management plans, volunteers assisting with surveys/ monitoring etc.</p>	<ul style="list-style-type: none"> <li>• Volunteers helped monitor 37 DRF populations and sub-populations and one translocation;</li> <li>• Land managers/property owners assisted in monitoring four populations; and</li> <li>• Rabbit control calendar wheel reprinted.</li> </ul>
<p><b>Land use/tenure changes</b> e.g. covenants, acquisitions, changes in land use or listed purpose etc.</p>	<ul style="list-style-type: none"> <li>• Acquisition of Star of Ennuin Pastoral station.</li> <li>• 2 crown reserves with known and recorded DRF species localities incorporated into the DEC-managed conservation estate.</li> </ul>
<p><b>Conservation status reviews for taxa/TECs</b> e.g. nominations for additions, deletions or change in status to state threatened or priority lists; changes to EPBC list</p>	<ul style="list-style-type: none"> <li>• <b><i>Conospermum galeatum</i></b> nominated as CR DRF (accepted)</li> <li>• <b><i>Mryiophyllum lapidicola</i></b> nominated as EN DRF (pending)</li> <li>• <b><i>Ptilotus fasciculatus</i></b> nomination drafted – awaiting information from Mid west region to delist from DRF to P3/4</li> </ul>
<p><b>Recovery plans</b> e.g. recovery plans/ IRPs drafted, approved, reviewed or updated</p>	<p><b>The following Interim Recovery Plans have been approved by the DEC Wheatbelt Region &amp; forwarded to DEC Spp &amp; Communities Branch for further action:</b></p> <ul style="list-style-type: none"> <li>• Phalanx Grevillea <b><i>Grevillea dryandroides</i> subsp. <i>dryandroides</i></b> (DRF Critically Endangered);</li> <li>• <b><i>Acacia leptoneura</i></b> (Critically Endangered).</li> </ul>
<p><b>Other actions completed</b></p>	<ul style="list-style-type: none"> <li>• MERI Plan completed for the district's 2012-2013 Caring For Country "Rabbit control around threatened flora populations" project;</li> <li>• A threatened flora prioritization process has been initiated by the DEC Wheatbelt Region. This process is ongoing and the outcomes will at some stage be communicated to the Recovery Team for their comments / input.</li> </ul>

**ATTACHMENT 1 : LIST OF THE CENTRAL WHEATBELT DISTRICT THREATENED FLORA & ECOLOGICAL COMMUNITIES RECOVERY TEAM:**

<b>Name</b>	<b>Organisation</b>
Andrew Brown	DEC
Andrew Crawford	DEC
Bert Hort	DEC Volunteer
Bob Dixon / Eric Bunn	BGPA
Brett Beecham	DEC
Cicely Howell	York River Conservation Society
David Jolliffe	DEC
Fred Hort	DEC Volunteer
Ian Smith	Wongan-Hills Bushcare group
Ian Steward	DEC
Jean Hort	DEC Volunteer
Jill Symington / Karen Rusten	DEC
John Stevens	WestNet Rail
Laura Canackle	DEC
Lyn Phillips	DEC Volunteer
Mal Harper	DEC
Mary Squire	Mukinbudin Conservation Group
Melanie Smith	DEC
Mick Davis	Wheatbelt NRM
Mike Fitzgerald	DEC
Natasha Moore	DEC
Nigel Rowe	Main Roads WA
Phil Lewis	WWF
Rebecca Palumbo	Wheatbelt NRM
Robert Boase	DEC Volunteer
Rob Waller	Water Corporation
Wendy Chow	DEC
Whispie Bayly	Mukinbudin Conservation Group
Various Natural Resource Management Officers from the 24 Shires in our district	