



RECOVERY TEAM ANNUAL REPORT				
THREATENED SPECIES AND/OR COMMUNITIES RECOVERY TEAM				
Recovery Team	Moora District			
Reporting Period	DATE FROM:	1/4/2014	DATE TO:	31/3/2015
Current membership				
	Member	Representing		
Chair	Deanna Rasmussen	Department of Parks and Wildlife		
Exec Officer				
members				
Dates meetings were held	No meetings held this year due to transition between personnel in Flora Conservation Officer role. A flora officer was only present for 6 months of the reporting period.			
Highlights of achievements for the previous 12 months suitable for publication in WATSNU and contribution to DPaW annual report. Provide 1-2 paragraphs summarising total number of new populations located, surveys completed, list major management actions etc	<p>Planning for research burn at <i>Acacia cochlocarpa</i> subsp. <i>cochlocarpa</i> translocation at Gunyidi Nature Reserve</p> <p>Consolidation, forward planning and prioritisation of species and recovery actions.</p> <p>Aerial shoot for goat control at Watheroo NP and Pinjarrega NR reducing grazing and providing habitat protection for ten species of priority flora and the Bentonite Lakes TEC occurrences.</p>			
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.			
Monitoring and survey of existing and new populations/ occurrences,	<i>Daviesia speciosa</i> , <i>Darwinia chapmaniana</i> , <i>Eremophila nivea</i> , <i>Eucalyptus impensa</i> , <i>Eucalyptus lateritica</i> , <i>Grevillea thelemanniana</i> subsp. <i>Cooljarloo</i> , <i>Synaphea endoathrix</i> , <i>Grevillea batrachioides</i> ,			



<p>targeted surveys, critical habitat mapped etc.</p>	<p><i>Grevillea humifusa</i>, <i>Acacia aprica</i>, <i>Acacia cochlocarpa</i> subsp. <i>cochlocarpa</i>, <i>Daviesia bursarioides</i>, <i>Lyginia excelsa</i>, <i>Synaphea quartzitica</i>, <i>Thelymitra stellate</i> <i>Goodenia xanthotricha</i>.</p> <p>TEC works/inspections: Control of <i>Juncus acutus</i> at Lake Thetis in December 2014/January 2015 (Stromatolite community of stratified hypersaline coastal lake) Reserve inspection Watto NR in November 2014 (Ferricrete floristic community (Rocky Springs type)) Reserve inspection Bashford NR in March 2015 (Claypans with mid dense shrublands of <i>Melaleuca lateritia</i> over herbs) Reserve inspection Watheroo NP/Jingamia cave in February 2015 (Vegetation associations on ridges and slopes of the chert hills of the Coomberdale Floristic Region)</p>
<p><b>Threat amelioration</b> eg weed control/mapping, fencing/ repairs, fire management disease management, feral/ introduced animal control, installation of roadside markers</p>	<p>Fencing of translocated <i>Grevillea calliantha</i> population 1B.</p> <p>Firebreak maintenance undertaken in a number of reserves supporting threatened flora.</p> <p>Continued adherence of staff and external contractors to Moora District dieback management hygiene protocols on conservation estate.</p> <p>Further training of district staff in dieback awareness with the Dieback Green Card held in October 2014. All staff also received a dieback hygiene kit.</p> <p>Moora District dieback and other diseases map updated and distributed to staff and local herbarium group</p> <p>District liaison &amp; representation with 'Project Dieback' and establishment of Northern Sandplain Priority Protection Areas (including Lesueur – Coomallo and Badgingarra areas).</p> <p><i>Phytophthora cinnamomi</i> surveys undertaken by consultant and remediation/protection actions undertaken – interpretive signage, upgraded boot cleaning stations within conservation tenure etc. included liaison with stakeholders (shires, Main Roads WA etc).</p> <p>Verbesina weed control on Indian Ocean Drive to protect biodiversity values of the adjacent Wanagarren NR and prevent further spread.</p> <p>Aerial shoot for goat control at Watheroo NP and Pinjarrega NR reducing grazing and providing habitat protection for ten species of priority flora and the Bentonite Lakes TEC occurrences.</p>
<p><b>Conservation and research</b> e.g. fire research, translocation, ex-situ conservation, revegetation/rehabilitation etc.</p>	<p>Annual monitoring was undertaken at all translocation sites. Sites established / in filled &lt;2yrs ago were reticulated over summer: <i>Grevillea batrachioides</i>, <i>Verticordia albida</i>, <i>Grevillea humifusa</i>, <i>Grevillea calliantha</i>.</p> <p>General maintenance at translocation sites:</p> <ul style="list-style-type: none"> <li>• Filled tanks and started reticulation at Hill River NR (<i>Grevillea humifusa</i>), Gunyidi Siding (<i>Synaphea quartzitica</i>, <i>Acacia cochlocarpa</i> subsp. <i>cochlocarpa</i>), Minuyllo NR (<i>Grevillea calliantha</i>)</li> <li>• Replaced chewed/damaged reticulation at Hill River NR translocation</li> </ul>



	<p>Prescribed burn plan updated for research burn of <i>Acacia cochlocarpa</i> subsp. <i>cochlocarpa</i> popn 5T in Gunyidi Nature Reserve. Purpose of burn is to stimulate recruitment at this site to achieve translocation objectives and develop population model.</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>	<p><b>Western Power</b> and contractors – liaison re maintenance within ESAs supporting threatened flora.</p> <p><b>Main Roads</b> – liaison re: maintenance of Midlands Rd, Indian Ocean Drive and Brand Hwy. Particularly difficult in the case of the Midlands Rd due to high number of threatened flora populations and narrow width of road reserve.</p> <p><b>Shire of Moora</b> – liaison re: poor vision on Carot Well Rd/ Railway Rd- possibility of slashing road reserve and impact on <i>Hemiandra gardneri</i>. DRF not impacted</p> <p><b>All shires within Moora District</b> – Maps of DRF located on shire lands and roads created and distributed to Shire Works managers</p> <p><b>CBH</b> – liaison re potential covenanting of populations of <i>Darwinia polychroma</i> as an offset for Carnamah townsite clearing.</p> <p><b>Brookfield Rail</b> – liaison re: grass weed control at Koojan siding location of <i>Haloragis platycarpa</i>.</p> <p><b>Landholders</b> – liaison with owner of property supporting <i>Darwinia chapmaniana</i> re: firebreak maintenance and fencing population on property – will need to revisit this issue.</p> <p><b>Volunteers</b> - A volunteer has been surveying and reporting on existing and new populations of <i>Paracaleana dixonii</i>, <i>Thelymitra stellata</i>, <i>Drakaea concolor</i>.</p> <p><b>Regional Herbarium volunteers</b> – attendance of monthly meetings, volunteer participation in priority flora surveys, and further development of priority survey programme for the volunteers to coordinate independently.</p>
<p><b>Land use/tenure changes</b> e.g. covenants, acquisitions, changes in land use or listed purpose etc.</p>	<p>Ten properties within the Moora District have been acquired as Crown Freehold Department Interest. Three of these properties contain priority species, with the remainder of the properties being unsurveyed.</p>
<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>	<p>No status reviews conducted.</p>
<p><b>Recovery plans</b> e.g. recovery plans/ IRPs drafted, approved, reviewed or updated</p>	<p><i>Daviesia dielsii</i> 2014-2019 and <i>Grevillea murex</i> 2014-2019 IRPs have been approved and published.</p>
<p><b>Other actions completed</b></p>	<p>No other actions.</p>