



Department of
Environment and
Conservation

Our environment, our future

RECOVERY TEAM ANNUAL REPORT

THREATENED SPECIES AND/OR COMMUNITIES RECOVERY TEAM

PROGRAM INFORMATION

Recovery Team

Woylie Recovery Team

Reporting Period

Submission date 31 March

DATE FROM: March 2012

DATE TO: March 2013

Current membership

	Member	Representing
Chair	Dr Manda Page	DEC, Species and Communities Branch
Exec Officer	Amy Mutton	DEC, Species and Communities Branch
members	Juanita Renwick	DEC, Environmental Management Branch
	Rebecca Hayes	DEC Swan Region
	Christina Gilbert	DEC South West Region
	Brad Barton	DEC Warren Region
	Greg Durell/ Peter Wnuk	DEC Wheatbelt Region
	Anthony Desmond	DEC Midwest Region
	Dr Adrian Wayne	DEC Science Division
	Dr Nicky Marlow	DEC Science Division
	Justine Graham	SA DEH
	Xander Kabat	AWC
	Dr Peter Mawson	Perth Zoo
	Prof Andy Thompson	Murdoch University

Dates meetings were held

22/06/2012, 23/10/2012, Genetic subgroup met 22/11/2012

Highlights of achievements for the previous 12 months suitable for publication in *WATSNU* and

- National Recovery Plan published July 2012

<p>contribution to DEC annual report. Provide 1-2 paragraphs summarising total number of new populations located, surveys completed, list major management actions etc</p>	
<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.</p>	
<p>Monitoring and survey of existing and new populations/ occurrences, targeted surveys, critical habitat mapped etc.</p>	<ul style="list-style-type: none"> • At Venus Bay (SA) trapping in May 2012 had no woylie captures from 308 trap-nights. • Routine Western Shield monitoring was undertaken in the release area at Nambung, however there have been no records in the last five years. • No records in the last five years at Kalbarri. Trapping has not been systematic in this period. As a result of tammar translocations a program of camera monitoring has been undertaken – no woylies recorded to date although the data is still being checked. Additional trapping in the area to be undertaken and redeployment of cameras. • Routine trapping was conducted (Western Shield style) plus targeted Sheffield's for Chuditch at Project Eden (Shark Bay). However, no records in the last six years. • Survey conducted late 2012 at North Karlgain to see if there were any Woylie remaining there. Results used to determine the future of fox baiting in the area based on the recent W/S funding review. • April 2012 monitoring in Perup Sanctuary showed the original translocated colony of 41 has exploded. Trap captures were saturated, so the 111 separate individuals caught suggest that at least 120 woylies now occupy the predator-free zone. • Capture rate of woylies in the South West open forest has continued to decline to record lows. Keninup yielded only nine individuals (5.6% capture rate) and a mere 4% of Warrup traps caught woylies - only six individual animals. • In the Wellington District 40 traps were set over four nights conducted along Windy Ridge transect in the Gervasse area and resulted in three Woylies being caught. Trapping was also conducted at Centaur and Hadfield block. • An intensive trapping effort was undertaken in April 2012 to confirm numbers at Tutanning Nature Reserve.
<p>Threat amelioration eg weed control/mapping, fencing/ repairs, fire management disease management, feral/ introduced animal control, installation of roadside markers</p>	
<p>Conservation and research e.g. fire research, translocation, ex-situ conservation, revegetation/rehabilitation etc</p>	<ul style="list-style-type: none"> • 42 Woylie were released at Wadderin Jun-Oct 2010 and Feb 2012. 68 new recruits detected to July 2012. KTBA estimate of 74 for July 2012. The KTBA estimate for July will be an underestimate and will go up with future trapping. Woylies are widespread and abundant throughout the sanctuary – regularly seen while spotlighting and on fixed cameras as well as trapped throughout the reserve. • Trapping at Tutanning Nature Reserve was done in April and June to get as many of the remaining individuals as possible, the genetics from this site are important. • Holding all Tutanning woylies at Return to Dryandra will provide

	<p>time for the animals to breed so as to increase the number available for augmentation of other woylie populations or for their introduction into Tutanning when the current threats to woylies (especially feral cat predation) have been ameliorated.</p> <ul style="list-style-type: none"> • It is planned to move all existing Tutanning woylies held at the Zoo into a predator free enclosure (Return to Dryandra).
<p>Liaison, education/provision of advice 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"> • Two papers are ready for publication and others in preparation • Woylie handling training video released with the aim to improve consistency and quality of data collected on woylies. Funded by the Australian Government's <i>Caring for our Country</i> grant for woylies in collaboration with the Warren Catchments Council. • The local paper published an article about a volunteer producing a five-minute promotional video urging more volunteers to get involved in woylie conservation work. http://au.news.yahoo.com/thewest/regional/southwest/a/-/community/13699702/fight-for-sw-woylies-bolstered-by-video/. It is now streamed on YouTube entitled "Help Save Woylies". • Report on 'Integrating genetic data in the development of the management plan for the woylie population at Whiteman Park' by Carlo Pacioni was released.
<p>Land use/tenure changes e.g. covenants, acquisitions, changes in land use or listed purpose etc.</p>	
<p>Conservation status reviews for taxa/TECs e.g. nominations for additions, deletions or change in status to state threatened or priority lists; changes to EPBC list</p>	
<p>Recovery plans e.g. recovery plans/ IRPs drafted, approved, reviewed or updated</p>	<ul style="list-style-type: none"> • National Recovery Plan published July 2012
<p>Other actions completed</p>	