

RECOVERY TEAM ANNUAL REPORT

THREATENED SPECIES AND/OR COMMUNITIES RECOVERY TEAM

PROGRAM INFORMATION

Recovery Team

South Coast Threatened Invertebrate Group

Reporting Period

Submission date 31 March

DATE FROM: 1 January 2012 **DATE TO:** 31 December 2012

Current membership

Member		Representing
1. Chair	Deon Utber	DEC
2. Exec Officer	Sarah Comer	DEC
3.	Dr Mark Harvey	WA Museum
4.	Rob Susac (for Jay Anderson)	WA Speleological Association
5.	Janet Newell	DEC – South Coast Region
6.	Roger Hearne	DEC – Warren Region
7.	Barbara York Main	University of Western Australia
8.	Karlene Bain	DEC - Frankland District
9.	Barbara Cook	University of Western Australia
10.	Melinda Moir	University of Melbourne
11.	Corey Whisson	WA Museum
12.	Shirley Slack Smith	WA Museum
13.	Juliane Waldock	WA Museum
14.	Brad Barton	DEC - Warren Region
15.	Brad Durant	DEC - Science Division
16.	Nicky Marlowe	DEC - Science Division
17.	Bill Humphries	WA Museum

Dates meetings were held

23 October 2012

Highlights of achievements for the previous 12 months suitable for

- Dr Bram Breure from the National Museum of Natural History from the Netherlands has sequenced 300+ Bothryembris

<p>publication in <i>WATSNU</i> and 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>specimens for DNA including specimens recently collected from the South Coast.</p> <ul style="list-style-type: none"> Zephyrarchaea nominations - Mark Harvey and Mike Rix from the WA Museum have reviewed the nominations and four of the described species fit criteria for threatened under IUCN – <i>Z. barretae</i>, <i>Z. marki</i>, <i>Z. melindae</i>, <i>Z. robinsi</i>. The other two WA species are <i>Z. mainae</i> (to remain as threatened) and a western species – <i>Z. janineae</i> is widespread and does not warrant nomination. Melinda Moir completed the Mealy bug translocation from <i>Banksia monanta</i> on Bluff knoll to the seed orchard population, and plant louse from <i>B. brownii</i> in October.
<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>	
<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"> Further investigation into the nomination of an invertebrate community within the Stirling Range National Park has been conducted looking at co-occurrence data for invertebrates. However further discussion and investigation is required to be undertaken by DEC and WAM.
<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>	
<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>	<ul style="list-style-type: none"> Zephyrarchaea nominations - Mark Harvey and Mike Rix from the WA Museum have reviewed the nominations and four of the described species fit criteria for threatened under IUCN – <i>Z. barretae</i>, <i>Z. marki</i>, <i>Z. melindae</i>, <i>Z. robinsi</i>. The other two WA species are <i>Z. mainae</i> (to remain as threatened) and a western species – <i>Z. janineae</i> is widespread and does not warrant nomination.

Recovery plans e.g. recovery plans/ IRPs drafted, approved, reviewed or updated	<ul style="list-style-type: none"> The status of the <i>Stirling Range Rhytidid Snail (Undescribed Rhytidid species)</i> and <i>Stirling Range Trapdoor Spider (Moggridgea sp. S)</i> Recovery Plan 2009-2018 is still unclear.
Other actions completed	