



RECOVERY TEAM ANNUAL REPORT				
THREATENED SPECIES AND/OR COMMUNITIES RECOVERY TEAM				
Recovery Team	South Coast Invertebrate Group			
Reporting Period Submission date 24 April	DATE FROM:	1 st January 2014	DATE TO:	31 st December 2014
Current membership				
	Member	Representing		
Chair	Deon Utber	Parks and Wildlife		
Exec Officer	Sarah Comer	Parks and Wildlife		
members	Dr Mark Harvey	WA Museum		
	Rob Susac (for Jay Anderson)	WA Speleological Association		
	Barbara York Main	University of Western Australia		
	Alison McGilvray	Parks and Wildlife Frankland District		
	Barbara Cook	University of Western Australia		
	Melinda Moir	University of Melbourne		
	Corey Whisson	WA Museum		
	Shirley Slack Smith	WA Museum		
	Juliane Waldock	WA Museum		
	Brad Barton	Parks and Wildlife Warren Region		
	Brad Durant	Parks and Wildlife Science Division		
	Nicky Marlowe	Parks and Wildlife Science Division		
	Bill Humphries	WA Museum		



<p>Dates meetings were held</p>	<p>28th November 2014</p>
<p>Highlights of achievements for the previous 12 months suitable for 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>An article summarising some of the achievement of the group can be found at http://decision-point.com.au/?article=the-benefits-of-multi-actor-invertebrate-management</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>	
<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"> • Corey Whisson – Undertaking a Masters of Philosophy through which he will further descriptions and phylogeny of <i>Bothriembryon</i> in WA, including a new genus for the Nullarbor • Melinda Moir presented an update on her research on co-extinction of invertebrates and threatened plant species at the November 2014 SCTIG Meeting. The Key messages for conservation from her research are <ul style="list-style-type: none"> ○ Don't use insecticides ○ or fire management don't' remove all individuals ○ Supplement populations with host plants. • Nikolai Tatarnc is the new curator for entomology at WA Museum and provided details of the specific insect of interest to the group so that any opportunistic samples could be sent into the WAM. • Michael Rix – <i>Moggridgea</i> Breakthrough - Confirmation of new genus, which will be renamed after Burt Main. <i>Stirlings</i> archaieds late Miocene speciation. South Australian species is actually <i>Moggridgea</i>, with closest relatives in Africa. This is suggestive of vicariance explaining presence of this group in Australia – possible rafting/human vector



	<ul style="list-style-type: none"> Mark Harvey - Neomohogona has been reclassified to Cataxia with each species being collected for molecular work
<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>WAM has contributed information on invertebrates into the Parks and Wildlife Biodiveristy Audit 2</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>	<p>Nomination being prepaped for <i>Maratus sarahae</i></p>
<p>Recovery plans e.g. recovery plans/ IRPs drafted, approved, reviewed or updated</p>	<ul style="list-style-type: none"> Recovery Plan for the Stirling Range Threatened Invertebrates being reviewed due to not being formally approved – Still in progress. Regardless of the plan not being current the recovery team reviewed the actions at the November meeting.
<p>Other actions completed</p>	