



Department of
Environment and Conservation

Our environment, our future



**ANNUAL REPORT
THREATENED FAUNA RECOVERY TEAM**

PROGRAM INFORMATION

Recovery Team name (not a formal Recovery Team)	South Coast Threatened Invertebrates Group	
Reporting Period (Financial / Calendar Year)	Calendar year 2009	
Current membership		
	Member	Representing
1. Chair	Alan Danks	DEC - South Coast Region – Regional Leader Nature Conservation
2. EXEC OFFICER	Sarah Comer	DEC – South Coast Region
3.	Deon Utber	DEC – South Coast Region (chair from August 2009)
4.	Janet Newell	DEC – South Coast Region
5.	Dr Mark Harvey	WA Museum
46.	Shirley Slack Smith	WA Museum
7.	Corey Whisson	WA Museum
8.	Volker Framenau	WA Museum
9.	Michael Rix	WA Museum
10.	Bill Humphreys	WA Museum
11.	Julianne Waldock	WA Museum
12.	Barbara Cook	UWA
13.	Barbara York Main	UWA

14.	Melinda Moir	University Melbourne
15.	Karlene Bain	DEC Frankland District
16.	Brad Barton	DEC Warren Region
17.	Roger Hearne	DEC Warren Region
18.	Steven Van Leeuwin	DEC Science Division
19.	Alan Danks	Community Member (from August 09)
Dates meetings were held	24 March 2009	
One to two paragraph summary of achievements suitable for WATSNU	<p>A Recovery Plan for the Stirling Range Rhytidid Snail (Undescribed Rhytidid species (WAM 2295-69)) and Stirling Range Trapdoor Spider (<i>Moggridgea</i> sp. S (BY Main 1990/24, 25)) was completed (currently with SCB for approval).</p> <p>The team discussed nominating further invertebrates as threatened species, but is difficult due to the limited survey effort for most species and the uncertain taxonomy for others. The <i>Budginmaya eulae</i> from the Ravensthorpe Range was described and nominated for listing by Melinda Moir, but not accepted as threatened as insufficient survey effort. Is now on P4 until further surveys are conducted. Mark Harvey has drafted nominations for 10 <i>Atelomastix</i> species. The team is investigating the possibility of <i>nominating</i> the relictual invertebrates habitat in the Stirling Range as a Threatened Ecological Community, rather than listing individual species.</p>	
List of actions undertaken by Recovery Team (from the actions in your Recovery Plan)		
Recovery Plan: <i>Stirling Range Rhytidid Snail (Undescribed Rhytidid species (WAM 2295-69)) and Stirling Range Trapdoor Spider (Moggridgea sp. S (BY Main 1990/24, 25)) Recovery Plan 2010-2019</i>		
Action 6: Nominate the listing of taxa	<i>Budginmaya eulae</i> from the Ravensthorpe Range was nominated for listing but not accepted as threatened as insufficient survey effort. Is now on P4 until further surveys are conducted.	
Action 4: Conduct survey for <i>Moggridgea</i> in the SRNP	UWA student started an Honours project on distribution and habitat requirements of <i>Moggridgea</i> with Barbara Cook.	
Action 9: Taxonomic work on unidentified invertebrate collections	<ul style="list-style-type: none"> - Edward, K. L. & Harvey, M. S. (2010) A review of the Australian millipede genus <i>Atelamastix</i> (Diplopoda: Spirostreptida: Iulomorphidae), <i>Zootaxa</i>, 2371, p1-63. - Mark Harvey and Steve Cooper completing a DNA study of the <i>Moggridgea</i>. <i>Moggridgea</i> sp. S from the Stirling Ranges will be a species endemic to the SRNP. - Descriptions of the spider families Synotaxidae & Malkaridae (Rix, M.G., Roberts, D. & Harvey M.S. (200). Records of the Western Australian Musuem 23(3): 295-303. 	
Action 12: Promote	A brochure on the Gondwanan Invertebrates of the South Coast completed to raise community awareness of threatened invertebrates	

awareness	in the South Coast.
High Priority Actions Requiring Funding	
Task	Amount needed and what for
Conduct systematic invertebrate surveys of the potential refugia habitat areas in SRNP	Estimated cost: \$30,000 for two years. This includes salary, field materials, and taxonomic lab work.