



DIVERSITY

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

Newsletter of the Merredin District Threatened Flora & Volunteer Management Program

Volume 1, Issue 1

April 1999

Welcome to *Diversity*

The *Diversity* newsletter is the first of a regular series about the Merredin District Threatened Flora Management Program (MDTFMP) and the District's Volunteer Management Program.

This newsletter will be produced at least four times per year and will present information on the program to Recovery Team members, Threatened Flora & other Volunteers, other organisations and departments involved in the program and members of the general public.

RECOVERING THE CUNDERDIN DAVIESIA

CALM researcher Frank Obbens' burning trial has been successful with four seedlings currently surviving from an original 9 that germinated. The remaining 4 look to be well on the way to adding to the known population. Volunteers Donna Canci (Community Landcare Co-ordinator – Cunderdin) and Robert Boase have kindly watered the seedlings this summer.

Kings Park and Botanic Garden (KP&BG) recently "discovered" 15 mature *Daviesia cunderdin* plants in the living collection. These were grown from seed collected by Joanna Seabrook when she discovered the species in 1995. After the plants were established they were lost for a while 'till all the recent interest resulted in a search of old records and the plants were "rediscovered".

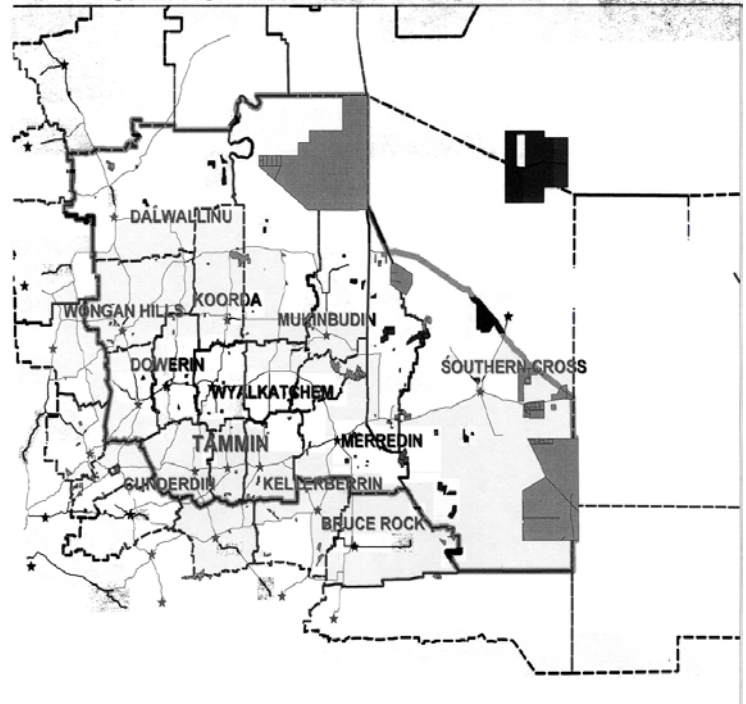
As some plants in the wild population have died since 1995 these plants are very valuable as they most likely represent genetic diversity extinct in the wild. It is hoped that a seed orchard can be planted in 2000 using material from these plants.

An information poster has been developed for this species by WATSCU (WA Threatened Species Communities Unit). For further information, contact Alex at CALM's Merredin office on (08) 9041 2488.

You Can:

- ♣ Obtain an Information Poster for this species,
- ♣ Contact Alex to help in surveys in May-June,
- ♣ Contact Alex about forming a local volunteer group in the Cunderdin area.

CALM'S MERREDIN DISTRICT



■ NATURE RESERVE
 — CALM DISTRICT BOUNDARY
 — MAIN ROAD, SEALED
 — LGA BOUNDARY

What's Flowering Where?

APRIL

- | | |
|------------------------------------|--------------|
| ✕ <i>Acacia pygmaea</i> (EN) | Wongan Hills |
| ✕ <i>Acacia cowaniana</i> (P2) | Kellerberrin |
| ✕ <i>Leucopogon amplexans</i> (P2) | Tammin |

MAY

- | | |
|--|-------------------------------------|
| ✕ <i>Daviesia cunderdin</i> (CR) | Cunderdin |
| ✕ <i>Dampiera glabrescens</i> (P1) | Ballidu |
| ✕ <i>Grevillea nana ssp. abbreviata</i> (P2) | Dowerin
Mukinbudin
Dalwallinu |
| ✕ <i>Rhizanthella gardneri</i> (EN) | Dalwallinu |

JUNE

- | | |
|--|--------------|
| ✕ <i>Acacia cochlocarpa ssp. velutinosa</i> (P1) | Manmanning |
| ✕ <i>Acacia lobulata</i> (CR) | Warralakkin |
| ✕ <i>Boronia adamsiana</i> (VU) | Mukinbudin |
| ✕ <i>Drummondita wilsonii</i> (P1) | Parker Range |
| ✕ <i>Leucopyon teretostylus</i> (P1) | Parker Range |

Some Local Flora Volunteer Contacts

Mary Squire	Mukinbudin	90471140
Robert Boase	Dowerin	96341047
Donna Canci	Cunderdin	96351040
Hazel King	Beacon	96864041
Elaine Hudson	Kallannie	96671021
Jeanette Buegge	Bruce Rock	90611377

HINGING ON THE HINGED DRAGON ORCHID

Seed collected from three populations last year following hand pollination, is about to be germinated by Andrew Batty at the KP&BG plant science laboratory. This has never been done before for this species and was successful only through the careful observation by the landholders involved. It is hoped that some of the seedlings can be grown on in the Merredin District presenting opportunities for people to see, for the first time, this plant growing out of the wild.

WATSCU have also developed an information poster for this species. For further information, contact Alex at CALM's Merredin office on (08) 9041 2488.

You can:

- ♣ **Obtain an information poster for this species.**

PROPAGATING THE PYTHARA GREVILLEA

A successful application for Landscape Visa Card funding was made in November 1998. \$3000 was made available and this will be used to pay for the propagation of seedlings and purchase of tree guards in 1999. For further information contact Alex at CALM's Merredin office on (08) 9041 2488.

You can:

- ♣ **Obtain an information poster for this species.**
- ♣ **Contact Alex if you wish to help in planting.**

GUARDING THE GRANITE TETRATHECA

A plan is currently being developed to fence a population in Kellerberrin around the whole of population one. Rabbits, wallabies and euros are grazing the new growth of plant annually, including newly developing seed, seriously threatening the recovery of this taxon. Fencing this taxon has called for an innovative method to be developed, as the fence posts will have to be installed onto solid granite. To date, a method of installing posts has been developed, but there are a few technical problems with the electric fence side of things. For further information, contact Alex at CALM's Merredin office

on (08) 9041 2488.

You can:

- ♣ **Obtain an information poster for this species.**
- ♣ **Contact Alex if you have any other innovative ideas about protection.**

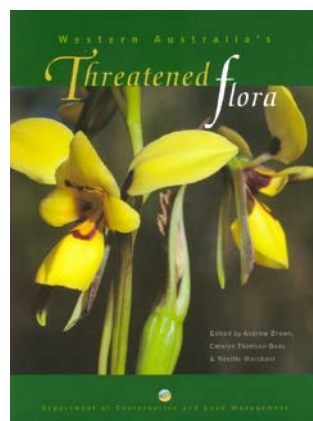
HOW CAN I VOLUNTEER

CALM has a large and active volunteer management program, which encourages members of the general public to contribute towards management of its activities across this vast state. Volunteers may contribute their time and knowledge, skills and experience in many different ways from flora surveys, advice to the general public, recreational management or development to even office or lab work.

The sheer size of the Merredin district (stretching from Dallwallinu to Meckering and Southern Cross) and the vast number of threatened flora species and nature reserves, there are ample opportunities for volunteers to contribute in any small fashion to surveys and other management actions in local areas.

Interested persons who register their specific interest with CALM receive a CALM volunteer cap and T-shirt. If you would like to become a CALM Volunteer, please contact CALM's Merredin office to obtain a Registration Form on (08) 9041 2488.

NEW BOOK RELEASE



A new CALM publication "Western Australia's Threatened Flora" is now available from all CALM Offices for \$29.95 rrp. The book provides information on the threatened plants of WA including colour photos, descriptions,

distributions and outlines recovery actions. If you are interested or involved in threatened flora, this book will be a very useful and informative addition to your library.

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