

A forum about how to achieve long-term success using seed in revegetation programs. Sponsored by Nature Glenelg Trust & supported by Glenelg Hopkins CMA & Greening Australia

Where: Hamilton Institute of Rural Learning Inc (HIRL), 333 North Boundary Rd, Hamilton, Victoria.

When: Tuesday, 22ND of October 2013- **Start** 8:45am - **Finish** 2pm *Refreshments & lunch provided

Forum Topics & Speakers

Improving the past, present & future of Australian restoration – the role of genetics

Dr Linda Broadhurst - *Research Scientist- CSIRO Plant Industry*

Linda will examine some of the major genetic issues underpinning selecting seed for restoration, review our track record in restoring genetic diversity and discuss how we might use this information to improve restoration. Of major importance in the rebuilding of Australia's degraded vegetation systems is ensuring that these have the adaptive capacity to cope with the major environmental challenges expected over the coming decades. Linda's research reveals that small plant populations, which often characterise highly fragmented landscapes, often suffer from inbreeding effects that limit both the quality and quantity of seed available for restoration.



The conservation of rare, threatened & endemic species of native plants

Jeff Jeanes- *Botanist and Project Coordinator Victorian Conservation Seedbank/Millennium Seedbank Project-National Herbarium of Victoria. Co-author of 'Wild Orchids of Victoria Australia'.*

Jeff will be discussing the role that the Victorian Conservation Seedbank plays in helping to establish new wild populations of threatened species or to bolster populations in serious decline. He will also talk about the Seedbanks target species and how they collect, handle, clean, germination test, dry and store these seeds. The methods the Seedbank uses to try and break dormancy in species that don't germinate under 'normal' conditions will also be explained.



What you need to know for a successful Native Seed Collection & Germination program

Neville Bonney – *Highly experienced seed collector, bush regenerator and author*

Neville will detail what he has learned from his many years of hands on practical experience about how to achieve a successful seed collection and germination program.



Seed genetics & climate change

Jess Gardener – *Habitat 141 Wimmera Project Officer | Greening Australia*

Jess will discuss the current seed genetics under climate change research that Greening Australia Victoria are involved in and detail the information resource they have in their 30 year seed bank database. Jess will also discuss issues around provenance and climate change & will conduct a tour of the grassland research trial she has been undertaking at HIRL.



*Please **RSVP** by Friday 18th October to Ken Baker on 0437597685 or email ken.baker@natureglenelg.org.au

*This event has been made possible through the Nature Glenelg Trusts **Cross-border Community Nursery Project** which is funded through the Australian Government's Clean Energy Future Biodiversity Fund.*