

APCC12 Plant Translocation Workshop

Project Manager: Dr Lucy Commander



National Environmental Science Programme



Guidelines for the Translocation of
Threatened Plants in Australia

Third Edition

Editors: L.E. Commander, D.J. Coates, L. Broadhurst,
C.A. Offord, R.O. Makinson and M. Matthes



Saving threatened plants from extinction

- 1355 threatened flora species in Australia (EPBC)
- Conservation actions to prevent extinction:
 - Habitat protection
 - Threat management
 - Ex-situ conservation
 - Translocation
 - the deliberate movement of plants



Translocation Guidelines: need for an update



**Best-practice guide on the why
and how to do translocation**



**First Edition 1997, Second
Edition 2004**



**Increased number of
translocations since 2004**

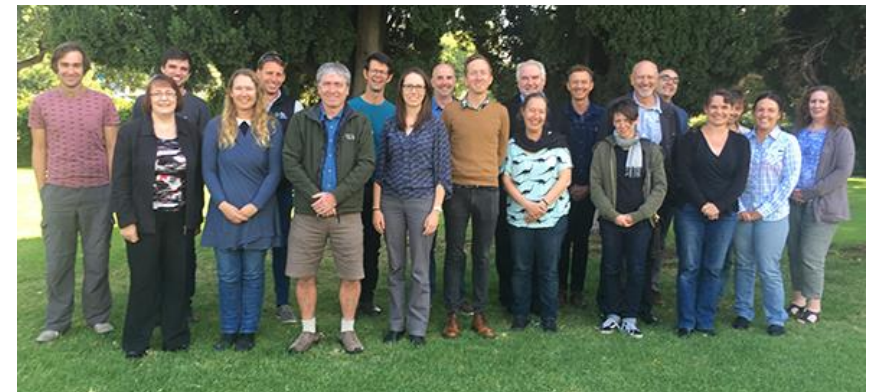
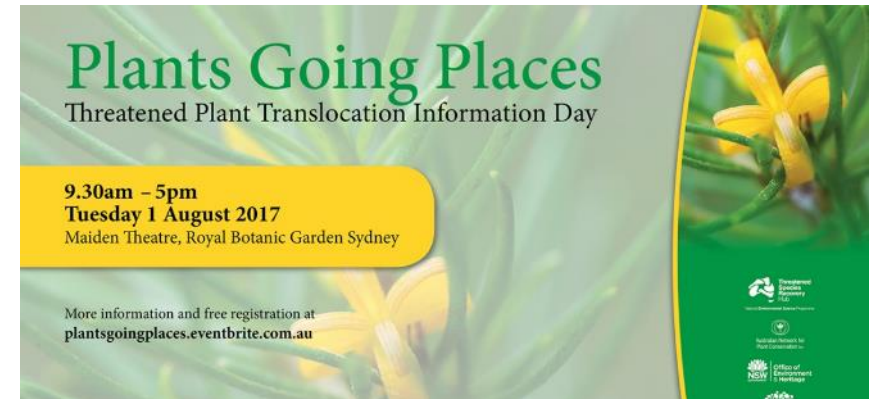


National Environmental Science Programme

**National Environmental
Science Programme's (NESP)
Threatened Species Recovery
(TSR) Hub**

The revision process

- TSR Hub Project 4.3 'Improving threatened plant reintroduction success and species recovery'
- ANPC Steering committee: David Coates, Linda Broadhurst, Bob Makinson, Cathy Offord, Maria Matthes
- May 2017 – October 2018
- 1 project manager
- Guidelines workshop and information day in Sydney
- Genetic mixing workshop in Melbourne
- 30+ chapter authors
- Case study authors



What's new



Decision making
framework



Selecting source
and recipient sites



Revised
translocation
proposal template



Updated references



23 new and
updated case
studies

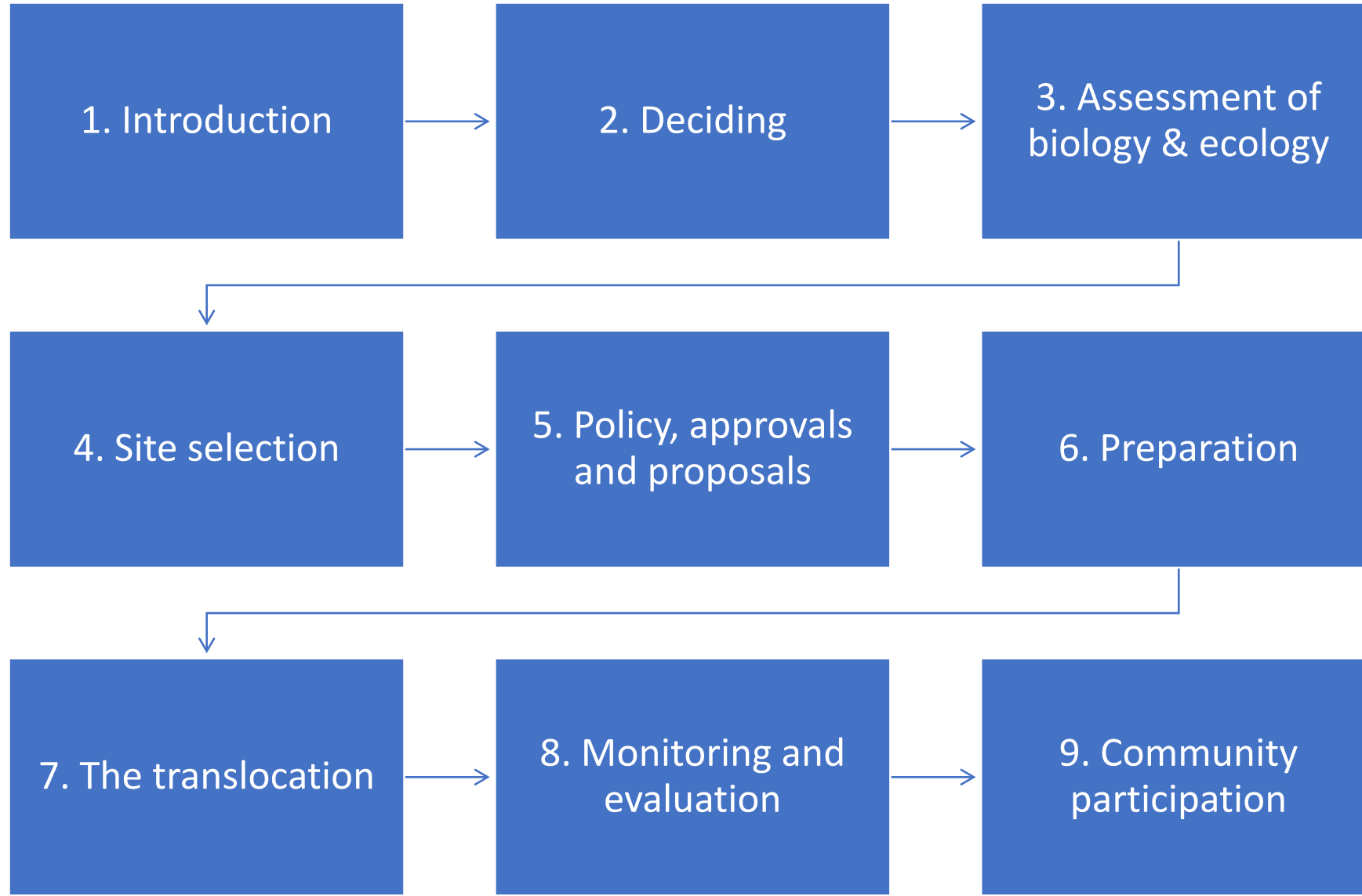


New photos
illustrating
techniques



Foreword by Joyce
Maschinski

The structure



Program

Plant translocation in Australia

Deciding whether to translocate and pre-translocation assessment of ecology and biology

When do you need a geneticist, and site selection

MORNING TEA

Translocation policies and requirements for approvals

Pre-translocation preparation – using a model incorporating a genotype collection method

The translocation and ongoing management

LUNCH

Experimental design, monitoring and evaluation

Case study: Whole plant transplantation

Case study: Biotic interactions with a focus on Orchids

Case study: *Pomaderris delicata*

AFTERNOON TEA

Questions for all speakers, provide feedback on issues affecting your projects, cross-border issues in terms of policy, proposals and management

DRINKS @ Fellows Bar ANU

Jen Silcock

Lucy Commander

Dave Coates

Simon Nally

David Taylor

Leonie Monks

Heidi Zimmer

Steve Mueck

Noushka Reiter

Keith McDougall

Panel Discussion

1. Introduction

2. Deciding

3. Assessment
of biology &
ecology

4. Site
selection

5. Policy,
approvals and
proposals

6. Preparation

7. The
translocation

8. Monitoring
and evaluation

9. Community
participation

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- Threatened Species Recovery Hub
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- Australian Network for Plant Conservation
 - Steering Committee, Jo Lynch
- All the authors, case study authors, and workshop participants
- Authors of the previous editions
- Royal Botanic Gardens Sydney and Royal Botanic Gardens Victoria for hosting the workshops.



Photo: Dave Coates