

10.1071/BT19083\_AC

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Supplementary Material: *Australian Journal of Botany*, 2019, 67, 501–509.

**Conservation translocation – an increasingly viable option for managing threatened plant species**

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**Supplementary Table 1. Management actions and mean estimated outcome success (values <0.9 are bolded)**

Management action	Category	Estimated outcome success	
		Mean	S. E.
Access barrier(s)	Disturbance	0.94	0.00
Active fire suppression	Fire	0.94	0.01
Alter drainage characteristics	Disturbance	0.95	0.00
Augment population with ex-situ material if/when required	Demog	<b>0.70</b>	0.02
Augment population with ex-situ material immediately	Demog	<b>0.76</b>	0.02
Barrier/fence installation	Disturbance	0.93	0.02
Barrier/fence maintenance	Overgrazing	0.93	0.02
Broad-scale weed control	Weed	0.91	0.02
Community education	Disturbance	0.95	0.00
Community publications	Disease	0.95	0.00
Conduct compliance	#N/A	0.95	0.00
Deer control	Pest animal	0.91	0.02
Ecological burn	Fire	0.95	0.00
Environmental water supplementation	Disturbance	0.95	0.00
Establish new population with ex-situ material if/when required	Demog	<b>0.75</b>	0.02
Establish new population with ex-situ material immediately	Demog	<b>0.75</b>	0.02
Facilitate reproduction - Hand pollination	Demog	0.95	0.00
Facilitate seed production	Demog	0.90	0.05
Fencing - exclude larger pest animals	Pest animal	0.94	0.01
Fencing - exclude macropods	Native species	<b>0.88</b>	0.02
Fencing - exclude rabbits and larger pest animals	Pest animal	0.95	0.00
Fine-scale sensitive weed removal	Weed	0.92	0.01
Fire planning	Fire	0.93	0.00
Flora monitoring	#N/A	0.95	0.00
Fox control	Pest animal	0.95	0.00
Goat control	Pest animal	0.92	0.01
Hygiene protocols	Disease	0.95	0.00
Increased staff surveillance	Disturbance	0.95	0.00
Install green post system to identify location of plants	Disturbance	0.95	0.00
Install informative signs	Disturbance	0.95	0.00
Install signage	Disturbance	0.95	0.00
Introduce new genetic material	Demog	<b>0.43</b>	0.06
Investigation of disease susceptibility	Disease	0.95	0.00
Investigation of habitat suitability	Demog	<b>0.62</b>	0.07
Investigation of species ecology	Demog	0.92	0.01
Investigation of species taxonomy	Demog	0.94	0.01
Investigation of threat dynamics	Fire	<b>0.85</b>	0.03
Land manager advice - sign installation	Disturbance	0.95	0.00
Land manager co-ordination	Land management practices	0.95	0.00
Land manager consultation	Disturbance	0.93	0.00
Land manager negotiation	Habitat loss	0.94	0.01
Liaise with government agency	Disturbance	0.95	0.00
Liaise with NGO or other group	Disturbance	0.95	0.00
Lord Howe Island Biosecurity plan	Disease	0.95	0.00
Lord Howe Island rodent eradication program	Pest animal	0.95	0.00
Manage debris	Disturbance	0.95	0.00

Manage drainage	Disturbance	0.94	0.01
Manage human disturbance	Disturbance	0.94	0.01
Manage human disturbance - Identify sensitive locations	Disturbance	0.95	0.00
Manage native vegetation	Native species	0.90	0.02
Monitoring disturbance impacts	Fire	0.94	0.01
Monitoring for evidence of disease	Disease	0.93	0.02
Monitoring habitat condition	Fire	0.95	0.00
Monitoring pest/weed threat	Weed	0.95	0.00
Native vegetation planting	Weed	0.95	0.00
Negotiate land management agreement/s	Land management practices	0.94	0.00
Pig control	Pest animal	0.93	0.01
Population and threat assessment	Lack of knowledge	0.94	0.01
Promote disturbance (burn/mechanical)	Native species	0.94	0.00
Provide advice to land manager	Disturbance	0.92	0.01
Provide advice to planning authorities	Habitat loss	<b>0.90</b>	0.03
Quarantine measures	Disease	0.95	0.00
Rabbit control	Pest animal	0.93	0.02
Re-route/maintain walking track	Disturbance	0.94	0.01
Remove dumped waste	Disturbance	0.95	0.00
Restore/rehabilitate native vegetation	Habitat loss	0.95	0.00
Restrict access to the site	Disturbance	0.95	0.00
Rodent control	Pest animal	0.95	0.00
Sediment trap(s)	Disturbance	0.95	0.00
Seedbanking	Demog	<b>0.84</b>	0.02
Site-based weed control	Weed	0.94	0.00
Stock fencing	Overgrazing	0.94	0.01
Strategic grazing	Overgrazing	0.94	0.01
Strip/hazard reduction burn	Fire	0.95	0.00
Targeted survey	Lack of knowledge	0.91	0.01
Test germination / pollination	Fire	0.91	0.02
Treat disease	Disease	0.93	0.02
Trial ecological burn	Fire	<b>0.86</b>	0.02
Trial grazing regime	Disturbance	0.95	0.00
Trial pest control method	Pest animal	0.95	0.00
Trial reduction in competition from other native species and competing vegetation	Native species	<b>0.50</b>	0.00
Trial thinning and ecological burn	Demog	0.95	0.00
Trial weed control method	Weed	0.95	0.00

**Supplementary Materials Figure S1. Thirty most common management actions according to the percent of species they are applied to.**

