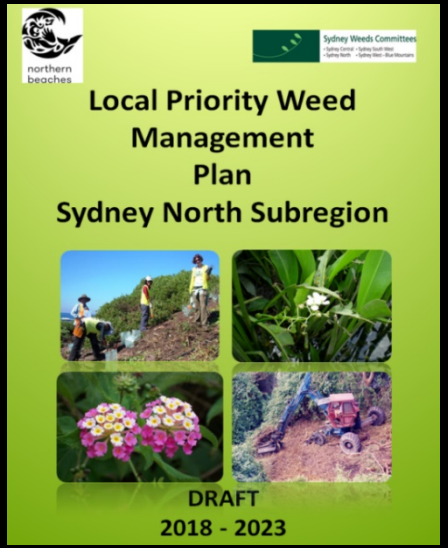
Local Priority Weed Management Plans

Attachment

A priority weed is any weed identified in a local strategic plan, for a region that includes that land or area, as a weed that is or should be prevented, managed, controlled or eradicated in the region.



Purpose of the plan

- guide the direction, actions and resource allocation of organisations concerned with local priority weeds
- Strategic response in local subregion
- Regulatory action process
- LLS will not be producing local plans
- Saves writing individual weed plans

Sydney Weeds Committees
• Sydney Central • Sydney South West
• Sydney North • Sydney West – Blue Mountains

How were species chosen?

- North Subregion chose 58 local priority weeds as a group
- 29 have NSW-scale WRAs, 23 have Greater Sydney-scale WRAs, 6 don't have WRAs
- outcomes compliant with GBD
- local priority actions for each species identified

Local Priority Weeds

Outcomes to demonstrate compliance with the GBD	Strategic response in the local region
African lovegrass -- *Eragrostis curvula*	
Whole Region Management priority -- protect priority sites ↔ Land managers prevent spread from their land where feasible ↔ Compliance action will only be undertaken where bushland assets, public open space and footpaths are affected by the weed.	↔ Identify priority assets for targeted management ↔ On public land weed will be strategically controlled and reduced according to available resources.
Arrowhead -- *Sagittaria calycina var. calycina*	
Whole Region Management priority -- protect priority sites ↔ Land Managers prevent spread from their land where feasible ↔ The plant or parts of the plant are not traded, carried, grown or released into the environment.	↔ Identify priority assets for targeted management ↔ Monitor change in current distribution to ensure containment of spread ↔ On public land weed will be strategically controlled and reduced according to available resources.
Arum lily -- *Zantedeschia aethiopica*	
Whole Region Management priority -- protect priority sites ↔ Land Managers prevent spread from their land where feasible ↔ Compliance action will only be undertaken where bushland assets, public open space and footpaths are affected by the weed.	↔ Identify priority assets for targeted management ↔ On public land weed will be strategically controlled and reduced according to available resources.

Weed	Ludwigia peruviana	
Region	Greater Sydney	
Management Area	Northern Beaches Council	
Landuse	Conservation & Natural Areas	
Assumptions		

Invasiveness	Score	Total		Source and comments
Q1. What is the ability of the weed to establish amongst existing plants?		2.0	Seedlings establish within open vegetation or weeds	http://www.dpi.nsw.gov.au
Q2. What is the weed's tolerance to average weed management practices in the land use?		0.0	Less than 5% of weeds survive	Regrowth will occur
Q3. What is the reproductive ability of the weed in the land use?		3.0		
(a) Time to seeding	2.0		1 year or less	
(b) Annual seed production	2.0		High	
(c) Vegetative reproduction	1.0		Infrequent	
Q4. How likely is long-distance dispersal (>100m) by natural means?		3.0		
(a) Flying animals	2.0		Common	
(b) Other wild animals	1.0		Occasional	
(c) Water	2.0		Common	
(d) Wind	1.0		Occasional	
Q5. How likely is long-distance dispersal (>100 m) by human means?		1.0		
(a) Deliberate spread by people	0.0		Unlikely	
(b) Accidentally by people and vehicles	1.0		Occasional	
(c) Contaminated produce	0.0		Unlikely	
(d) Domestic/farm animals	0.0		Unlikely	
Total		6.0		

Impacts	Score	Total		
Q1. Does the weed reduce the establishment of desired plants?		2.0	10 - 50% reduction	Weed will dominate wetland areas
Q2. Does the weed reduce the yield or amount of desired vegetation?		3.0	25 - 50% reduction	
Q3. Does the weed reduce the quality of products, diversity or services available from the land use?		3.0	High	
Q4. What is the weed's potential to restrict the physical movement of people, animals, vehicles, machinery and/or water?		2.0	Medium	
Q5. What is the weed's potential to negatively affect the health of animals and/or people?		1.0	Low	
Q6. Does the weed have major positive or negative effects on environmental health?		2.0		
(a) food/shelter	0.0		Minor or no effect	
(b) fire regime	0.0		Minor or no effect	

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