

Impact Assessment Record

Scientific Name: *Cyperus teneristolon*

Common name: cyperus

QUESTION	COMMENTS	RATING	CONFIDENCE
Social			
Restrict human access?	Grows up to 500mm. Although found around creeks unlikely that the weed would impede access (CRC for Australian Weed Management 2003). Minimal or negligible impact.	L	M
Reduce tourism?	Due to the areas the weed is known to grow (around creeks, agricultural areas) (CRC for Australian Weed Management 2003), weeds would not be obvious to the 'average' visitor.	L	M
Injurious to people?	Weeds not known to be injurious to people.	L	M
Damage to cultural sites?	Weeds not known to occur on cultural sites.	L	M
Abiotic			
Impact flow?	Terrestrial species	L	M
Impact water quality?	Terrestrial species	L	M
Increase soil erosion?	Evergreen plant. 'Roots are fibrous and the plant has an extensive rhizome system' (CRC for Australian Weed Management 2003). Low probability of large scale soil movement.	L	M
Reduce biomass?	Shows preference for damp open areas and rocky outcrops (CRC for Australian Weed Management 2003). Likely that the biomass would increase.	L	M
Change fire regime?	Weed tends to grow in riparian areas. Unlikely that the weed would have any effect on fire risk.	L	M
Community Habitat			
Impact on composition (a) high value EVC	EVC= Parilla Mallee (E); CMA=Mallee; Bioreg=Lowan Mallee; CLIMATE potential=H. Impact unknown.	M	L
(b) medium value EVC	EVC= Grassy Riverine Forest (D); CMA=Mallee; Bioreg=Lowan Mallee; CLIMATE potential=H. Impact unknown.	M	L
(c) low value EVC	EVC= Dune Field Heathland (LC); CMA=Mallee; Bioreg=Lowan Mallee; CLIMATE potential=H. Impact unknown.	M	L
Impact on structure?	'Shows a preference for damp open areas or rock outcrops.' In the Blue Mountains, it 'grows beneath an overstorey of eucalypt along Yosemite Creek but will also grow in full-sun environments' (CRC for Australian Weed Management 2003). Likely to have at least a minor impact on the lower stratum.	ML	M
Effect on threatened flora?	No information available.	MH	L

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Fauna			
Effect on threatened fauna?	No information available.	MH	L
Effect on non-threatened fauna?	No documented evidence that the weed has an effect on non-threatened fauna spp.	L	M
Benefits fauna?	Not known to provide benefits to indigenous fauna.	H	M
Injurious to fauna?	Not known to be toxic to fauna.	L	M
Pest Animal			
Food source to pests?	Not a known food source to pest animal spp.	L	M
Provides harbor?	Not known to provide harbour for pest spp.	L	M
Agriculture			
Impact yield?	'..has become a significant weed of crops of the East African highlands, in particular Kenya... seen as a potential threat to Australia's environment and agricultural productivity'. '..locally common and important as a weed of crops in the highlands [of Kenya and Tanzania]' (CRC for Australian Weed Management 2003). Insufficient information available to determine the extent of impact. Score medium.	M	M
Impact quality?	No evidence to suggest that this weed would impact upon the quality of crops.	L	M
Affect land value?	Not known to affect the value of land.	L	M
Change land use?	Weed not documented to cause a change in priority of land use.	L	M
Increase harvest costs?	No documented evidence to suggest that the weed increases the cost of harvest.	L	M
Disease host/vector?	Not a known host or vector for disease.	L	M

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References cited:

CRC for Australian Weed Management 2003, *Weed management guide: cyperus (Cyperus teneristolon)*, CRC for Australian Weed Management and the Commonwealth Department of Environment and Heritage, viewed 05 Dec 2005, http://www.weeds.crc.org.au/documents/wmg_cyperus.pdf

Revisions

Date	Revised by	Revision
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