Impact Assessment Record

Scientific Name: *Cyperus teneristolon*  
Common name: cyperus

<table>
<thead>
<tr>
<th>QUESTION</th>
<th>COMMENTS</th>
<th>RATING</th>
<th>CONFIDENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Social</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Restrict human access?</td>
<td>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.</td>
<td>L</td>
<td>M</td>
</tr>
<tr>
<td>Reduce tourism?</td>
<td>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.</td>
<td>L</td>
<td>M</td>
</tr>
<tr>
<td>Injurious to people?</td>
<td>Weeds not known to be injurious to people.</td>
<td>L</td>
<td>M</td>
</tr>
<tr>
<td>Damage to cultural sites?</td>
<td>Weeds not known to occur on cultural sites.</td>
<td>L</td>
<td>M</td>
</tr>
<tr>
<td><strong>Abiotic</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impact flow?</td>
<td>Terrestrial species</td>
<td>L</td>
<td>M</td>
</tr>
<tr>
<td>Impact water quality?</td>
<td>Terrestrial species</td>
<td>L</td>
<td>M</td>
</tr>
<tr>
<td>Increase soil erosion?</td>
<td>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.</td>
<td>L</td>
<td>M</td>
</tr>
<tr>
<td>Reduce biomass?</td>
<td>Shows preference for damp open areas and rocky outcrops (CRC for Australian Weed Management 2003). Likely that the biomass would increase.</td>
<td>L</td>
<td>M</td>
</tr>
<tr>
<td>Change fire regime?</td>
<td>Weed tends to grow in riparian areas. Unlikely that the weed would have any effect on fire risk.</td>
<td>L</td>
<td>M</td>
</tr>
<tr>
<td><strong>Community Habitat</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impact on composition (a) high value EVC</td>
<td>EVC= Parilla Mallee (E); CMA=Mallee; Bioreg=Lowan Mallee; CLIMATE potential=H. Impact unknown.</td>
<td>M</td>
<td>L</td>
</tr>
<tr>
<td>(b) medium value EVC</td>
<td>EVC= Grassy Riverine Forest (D); CMA=Mallee; Bioreg=Lowan Mallee; CLIMATE potential=H. Impact unknown.</td>
<td>M</td>
<td>L</td>
</tr>
<tr>
<td>(c) low value EVC</td>
<td>EVC= Dune Field Heathland (LC); CMA=Mallee; Bioreg=Lowan Mallee; CLIMATE potential=H. Impact unknown.</td>
<td>M</td>
<td>L</td>
</tr>
<tr>
<td>Impact on structure?</td>
<td>‘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.</td>
<td>ML</td>
<td>M</td>
</tr>
<tr>
<td>Effect on threatened flora?</td>
<td>No information available.</td>
<td>MH</td>
<td>L</td>
</tr>
</tbody>
</table>
## Fauna

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<tr>
<td>Effect on threatened fauna?</td>
<td>No information available.</td>
<td>MH</td>
<td>L</td>
</tr>
<tr>
<td>Effect on non-threatened fauna?</td>
<td>No documented evidence that the weed has an effect on non-threatened fauna spp.</td>
<td>L</td>
<td>M</td>
</tr>
<tr>
<td>Benefits fauna?</td>
<td>Not known to provide benefits to indigenous fauna.</td>
<td>H</td>
<td>M</td>
</tr>
<tr>
<td>Injurious to fauna?</td>
<td>Not known to be toxic to fauna.</td>
<td>L</td>
<td>M</td>
</tr>
</tbody>
</table>

## Pest Animal

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<tr>
<td>Food source to pests?</td>
<td>Not a known food source to pest animal spp.</td>
<td>L</td>
<td>M</td>
</tr>
<tr>
<td>Provides harbor?</td>
<td>Not known to provide harbour for pest spp.</td>
<td>L</td>
<td>M</td>
</tr>
</tbody>
</table>

## Agriculture

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<tr>
<td>Impact yield?</td>
<td>'..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.</td>
<td>M</td>
<td>M</td>
</tr>
<tr>
<td>Impact quality?</td>
<td>No evidence to suggest that this weed would impact upon the quality of crops.</td>
<td>L</td>
<td>M</td>
</tr>
<tr>
<td>Affect land value?</td>
<td>Not known to affect the value of land.</td>
<td>L</td>
<td>M</td>
</tr>
<tr>
<td>Change land use?</td>
<td>Weed not documented to cause a change in priority of land use.</td>
<td>L</td>
<td>M</td>
</tr>
<tr>
<td>Increase harvest costs?</td>
<td>No documented evidence to suggest that the weed increases the cost of harvest.</td>
<td>L</td>
<td>M</td>
</tr>
<tr>
<td>Disease host/vector?</td>
<td>Not a known host or vector for disease.</td>
<td>L</td>
<td>M</td>
</tr>
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Common name: cyperus

References cited:

Revisions
Date  Revised by  Revision