Impact Assessment Record

Scientific Name: *Onopordum dissectum* Mub. Common name: thistle

| QUESTION | COMMENTS | RATING | CONFIDENCE |
|---|---|---|---|
| **Social** | | | |
| 1. Restrict human access? | No information about the morphology of this plant was found. | **M** | **L** |
| 2. Reduce tourism? | No information about the morphology of this plant was found. | **M** | **L** |
| 3. Injurious to people? | For all *Onopordum*, stems spinose-winged, or absent…involucral bracts spine-tipped (Tutin, 1980). Spines on the infloresence (and probably the stems) may cause some damage at most times of the year. | **MH** | **MH** |
| 4. Damage to cultural sites? | No information about the morphology of this plant was found. | **M** | **L** |
| **Abiotic** | | | |
| 5. Impact flow? | Most species grow in rocky or stony ground, roadsides, waste places and similar dry, open habitats (Tutin, 1980). Terrrestrial species. | **L** | **MH** |
| 6. Impact water quality? | Most species grow in rocky or stony ground, roadsides, waste places and similar dry, open habitats (Tutin, 1980). Terrrestrial species. | **L** | **MH** |
| 7. Increase soil erosion? | Biennial species (Tutin, 1980) that may leave large bare patches after it dies off, however the extent of infestations is unknown. | **M** | **L** |
| 8. Reduce biomass? | No information about the morphology of this plant was found. | **M** | **L** |
| 9. Change fire regime? | No information about the morphology of this plant was found. | **M** | **L** |
| **Community Habitat** | | | |
| 10. Impact on composition (a) high value EVC | No information about the morphology and invasiveness of this plant was found. | **M** | **L** |
| (b) medium value EVC | No information about the morphology and invasiveness of this plant was found. | **M** | **L** |
| (c) low value EVC | No information about the morphology and invasiveness of this plant was found. | **M** | **L** |
| 11. Impact on structure? | No information about the morphology and invasiveness of this plant was found. | **M** | **L** |
| 12. Effect on threatened flora? | No information found. | **MH** | **L** |

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|---|---|---|---|
| **Fauna** | | | |
| 13. Effect on threatened fauna? | No information found. | **MH** | **L** |
| 14. Effect on non-threatened fauna? | No information about the morphology and invasiveness of this plant was found. | **M** | **L** |
| 15. Benefits fauna? | No information about the morphology and invasiveness of this plant was found. | **M** | **L** |
| 16. Injurious to fauna? | For all *Onopordum*, stems spinose-winged, or absent…involucral bracts spine-tipped (Tutin, 1980). Spines on the infloresence (and probably the stems) may cause some damage at most times of the year. | **MH** | **MH** |
| **Pest Animal** | | | |
| 17. Food source to pests? | For all *Onopordum*, stems spinose-winged, or absent…involucral bracts spine-tipped (Tutin, 1980). Spines on the infloresence (and probably the stems) would deter herbivory by vertebrate species. | **L** | **MH** |
| 18. Provides harbor? | No information about the morphology of this plant was found. | **M** | **L** |
| **Agriculture** | | | |
| 19. Impact yield? | No information about the morphology and invasiveness of this plant was found. | **M** | **L** |
| 20. Impact quality? | No information about the morphology and invasiveness of this plant was found. | **M** | **L** |
| 21. Affect land value? | No information about the morphology and invasiveness of this plant was found. | **M** | **L** |
| 22. Change land use? | No information about the morphology and invasiveness of this plant was found. | **M** | **L** |
| 23. Increase harvest costs? | No information about the morphology and invasiveness of this plant was found. | **M** | **L** |
| 24. Disease host/vector? | No information about disease host/vector of this plant was found, however there was very little information available about this species. | **M** | **L** |

References cited:

Briese DT, Sheppard AW & Reifenberg JM 1995, Open-field host-specificity testing for potential biological control agents of *Onopordum* thistles,' *Biological Control*, Vol. 5, p. 158-166.

Healy, EA, Enloe, S & JM DiTomaso 2005, *California Department of Food and Agriculture*, USA, viewed: 06/12/2005, http://www.cdfa.ca.gov/phpps/ipc/weedinfo/onopordum.htm.

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Revisions

| Date | Revised by | Revision |
|---|---|---|