



Jerusalem thorn (*Parkinsonia aculeata*)



Mexican feather grass (*Nassella tenuissima*)



Prickly acacia (*Acacia nilotica*)



Green cestrum (*Cestrum parqui*)



Parthenium weed (*Parthenium hysterophorus*)



Kochia (*Kochia scoparia*)



Harrisia cactus (*Harrisia* spp.)



Prairie ground cherry (*Physalis viscosa/virginiana*)



Silverleaf nightshade (*Solanum elaeagnifolium*)



Hardhead thistle (*Acroptilon repens*)



Khaki weed (*Alternanthera pungens*)



Tree of heaven (*Ailanthus altissima*)



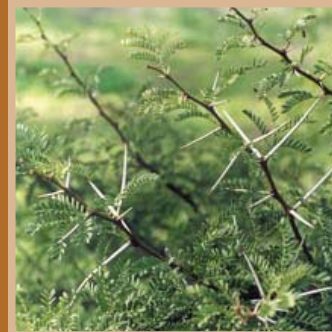
Knapweed - black & spotted (*Centaurea* spp.)



African rue (*Peganum harmala*)



Spiny burrgrass (*Cenchrus* spp.)



Karoo thorn (*Acacia karoo*)



Bitou bush (*Chrysanthemoides monilifera*)
Boneseed



Mesquite (*Prosopis* spp.)

REGIONAL WEED STRATEGY

LOWER MURRAY DARLING CATCHMENT

“a vision to minimise the economic, environmental and social impacts of existing, new and emerging weeds in the Lower Murray Darling Catchment through coordination, cooperation and commitment from weed managers and the community”.

Priority Weeds in Rangeland Areas

...providing action and monitoring guidelines for effective weed management...

...assisting the identification of effective weed control investments...

Impact of weeds on the Lower Murray Darling Catchment (LMDC)	
Invasive plants	Invasive plant species (weeds) have a negative impact on our native flora and fauna. They are second only to land clearing in causing a loss of biodiversity. Weeds cost the Australian economy over \$4 billion per year in lost agricultural production. Early action to prevent new weeds from establishing and spreading is the best way to prevent future impacts and ongoing cost to the community.
Noxious weeds	Noxious weeds are plants that are declared under the Noxious Weeds Act 1993. All land holders and occupiers of land are responsible for controlling noxious weeds on their land as specified in each noxious weed Control Class.
Control Class 1 (CC1) State Prohibited Weeds	The plant must be eradicated from the land and the land must be kept free of the plant.
Control Class 2 (CC2) Regionally Prohibited Weeds	The plant must be eradicated from the land and the land must be kept free of the plant.
Control Class 3 (CC3) Regionally Controlled Weeds	The plant must be fully and continuously suppressed and destroyed and where applicable the plant must not be sold, propagated or knowingly distributed.
Control Class 4 (CC4) Locally Controlled Weeds	The growth and the spread of the plant must be controlled according to the measures specified in the management plan published by the local control authority and where applicable the plant must not be sold, propagated or knowingly distributed.
Control Class 5 (CC5) Restricted Plants	Plants can not be sold, propagated or knowingly distributed.
Prioritisation of weeds	Weeds have been prioritised within the LMDC for action so that the available resources can be utilised in the most cost effective manner (see <i>Table opposite</i>).

Further information on rangeland weeds in the LMDC	
Noxious weeds	Visit the NSW Department of Primary Industries (NSW DPI) website: www.dpi.nsw.gov.au/reader/weeds
Weeds in your local area	For information on weeds and their management, contact:
Barranald Shire Council	03 5020 1300
Broken Hill City Council	08 8080 2222
Central Darling Shire Council	08 8083 8900
DNR Unincorporated Area	03 5051 6200
Wentworth Shire Council	03 5027 5027
NSW DPI, Dareton	03 5019 8400
NSW DPI, Broken Hill	08 8088 9333
DEC (NPWS Division), Buronga	03 5021 8900
LMD CMA, Buronga	03 5021 9400
RMAP Inc, Wentworth	03 5027 2416
Regional weed strategy	Copies of the regional weed strategy for the LMDC can be obtained from your local Catchment Management Authority office or downloaded from: www.lmd.cma.nsw.gov.au/nativeveg/weed.shtml

Priority weeds in rangeland areas of the LMDC				
Common name	Scientific name	Control Class (CC)	Weed prioritisation category and LMDC distribution	Recommended management actions for prioritised weeds
Parthenium weed	<i>Parthenium hysterophorus</i>	CC1	Priority A: Weeds not currently present in the LMDC	Contact your local council Weed Officer if you see these weeds.
Jerusalem thorn	<i>Parkinsonia aculeata</i>	CC2		
Karoo thorn	<i>Acacia karroo</i>	CC1		
Harrisia cactus	<i>Harrisia</i> spp.	CC4		
Prickly acacia	<i>Acacia nilotica</i>	CC1		
Knapweed (black & spotted)	<i>Centaurea</i> spp.	CC1		
African rue	<i>Peganum harmala</i>	*		
Green cestrum	<i>Cestrum parqui</i>	CC3		
Prairie ground cherry	<i>Physalis viscosa/virginiana</i>	CC4		
Kochia	<i>Kochia scoparia</i>	CC1		
Hawkweed	<i>Hieracium</i> spp.	CC1		
Mexican feather grass	<i>Nassella tenuissima</i>	CC1		
Branched broomrape	<i>Orobancha</i> spp. (except native species)	CC1		
Witchweed	<i>Striga</i> spp. (except native species and <i>Striga parviflora</i>)	CC1		
Yellow burrhead	<i>Limnocharis flava</i>	CC1	Priority B: Weeds present with limited distribution in LMDC, several small infestations	These plants have limited distribution in the Catchment and their establishment and spread should be prevented. Contact your council Weed Officer if you think you have these weeds.
Bitou bush/boneseed	<i>Chrysanthemoides monilifera</i>	*		
Silverleaf nightshade	<i>Solanum elaeagnifolium</i>	*		
Mesquite	<i>Prosopis</i> spp.	CC2		
Tree of heaven	<i>Ailanthus altissima</i>	*		
Camel thorn	<i>Alhagi pseudalhagi</i>	CC4		
Hardhead thistle	<i>Acroptilon repens</i>	CC4		
Rhus tree	<i>Toxicodendron succedaneum</i>	CC4	Priority C: Weeds present with moderate distribution in LMDC, numerous to large partially dispersed infestations	Use good hygiene and best land management practices to prevent the further spread and establishment of these weeds.
Bridal creeper	<i>Asparagus asparagoides</i>	CC5		
Noogoora/Californian burr	<i>Xanthium</i> spp.	CC4		
Spiny burrgrass	<i>Cenchrus</i> spp.	CC4		
African boxthorn	<i>Lycium ferocissimum</i>	CC4		
Prickly pear	<i>Opuntia</i> spp.	CC4		
Galvanised burr	<i>Sclerolaena birchii</i>	*		
Paterson's curse	<i>Echium</i> spp.	*		
Stattice	<i>Limonium thouinii</i>	*		
Peppercorn tree	<i>Schinus areira</i>	*		
Khaki weed	<i>Alternanthera pungens</i>	CC4	Priority D: Weeds widespread throughout the regionS	Use good hygiene and best land management practices to prevent the further spread and establishment of these weeds.
Bathurst burr	<i>Xanthium</i> spp.	CC4		
Ward's weed	<i>Carrichtera annua</i>	*		
Narrow leaf hopbush	<i>Dodonaea attenuata</i>	*		
Onion weed	<i>Asphodelus fistulosus</i>	CC4		
Turpentine	<i>Eremophila sturtii</i>	*		
Horehound	<i>Marrubium vulgare</i>	CC4		
Punty bush	<i>Senna artemisioides</i> subsp. <i>filifolia</i>	*		
Silver cassia	<i>Senna artemisioides</i> subsp. <i>artemisioides</i>	*		
Cathead/caltrop/3 corner jack	<i>Tribulus terrestris</i>	*		
Common heliotrope	<i>Heliotropium europaeum</i>	*		
Devils claw	<i>Proboscidea louisianica, Ibicella lutea</i>	CC4		
Spear thistle	<i>Cirsium vulgare</i>	*		
Wild sage	<i>Salvia reflecta</i>	*		
Maltese cockspur	<i>Centaurea melitensis</i>	*		

* not declared noxious