



Alligator weed (*Alternanthera philoxeroides*)



Parthenium weed (*Parthenium hysterophorus*)



Horsetail (*Equisetum* spp.)



Prairie ground cherry (*Physalis viscosa/virginiana*)



Noogoora/Californian burr (*Xanthium* spp.)



Silverleaf nightshade (*Solanum elaeagnifolium*)



Green cestrum (*Cestrum parqui*)



Mexican feather grass (*Nassella tenuissima*)



Kochia (*Kochia scoparia*)

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 Horticultural Areas

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

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



Harrisia cactus (*Harrisia* spp.)



Karoo thorn (*Acacia karroo*)



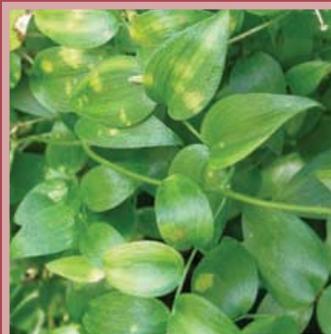
Khaki weed (*Alternanthera pungens*)



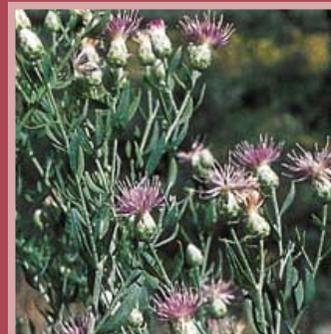
Knapweed (*Centaurea* spp.)



Broomrape (*Orobancha* spp.)



Bridal creeper (*Asparagus asparagoides*)



Hardhead thistle (*Acroptilon repens*)



Bitou bush (*Chrysanthemoides monilifera*)
Boneseed



Spiny burrgrass (*Cenchrus* spp.)

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 horticultural 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 horticultural areas of the LMDC						
Common name	Scientific name	Control Class (CC)	Weed prioritisation category and LMDC distribution	Recommended management actions for prioritised weeds		
Alligator weed	<i>Alternanthera philoxeroides</i>	CC2	Priority A: Weeds not currently present in the LMDC	Contact your local council Weed Officer if you see these weeds.		
Parthenium weed	<i>Parthenium hysterophorus</i>	CC1				
Karoo thorn	<i>Acacia karroo</i>	CC1				
Harrisia cactus	<i>Harrisia</i> spp.	CC4				
Green cestrum	<i>Cestrum parqui</i>	CC3				
Horsetail	<i>Equisetum</i> spp.	CC1				
Columbus grass	<i>Sorghum x almum</i>	CC3/4				
Kochia	<i>Kochia scoparia</i>	CC1				
Knapweed (black & spotted)	<i>Centaurea</i> spp.	CC1				
Hawkweed	<i>Hieracium</i> spp.	CC1				
Mexican feather grass	<i>Nassella tenuissima</i>	CC1				
Buffalo burr	<i>Solanum rostratum</i>	*				
Branched broomrape	<i>Orobanche</i> spp. (except native species)	CC1				
Witchweed	<i>Striga</i> spp. (except native species and <i>Striga parviflora</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.		
Mesquite	<i>Prosopis</i> spp.	CC2				
Parkinsonia	<i>Parkinsonia aculeata</i>	CC2				
Yellow burrhead	<i>Limnocharis flava</i>	CC1				
Prickly acacia	<i>Acacia nilotica</i>	CC1				
Prairie Ground Cherry	<i>Physalis viscosa/virginiana</i>	CC4				
Bitou bush/boneseed	<i>Chrysanthemoides monilifera</i>	*				
Silverleaf nightshade	<i>Solanum elaeagnifolium</i>	*				
Hardhead thistle	<i>Acroptilon repens</i>	CC4				
Noogoora/Californian burr	<i>Xanthium</i> spp.	CC4				
Rhus tree	<i>Toxicodendron succedaneum</i>	CC4				
Bridal creeper	<i>Asparagus asparagoides</i>	CC5			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.
Spiny burrgrass	<i>Cenchrus</i> spp.	CC4				
Johnson grass	<i>Sorghum halepense</i>	CC3/4				
Golden dodder	<i>Cuscuta campestris</i>	CC5				
Statice	<i>Limonium thouinii</i>	*				
Morning glory	<i>Ipomoea</i> spp.	*				
Crows foot grass	<i>Eleusine indica</i>	*				
Khaki weed	<i>Alternanthera pungens</i>	CC4				
Bathurst burr	<i>Xanthium</i> spp.	CC4				
Spiny emex	<i>Emex australis</i>	*				
Cathead/caltrop/3 corner jack	<i>Tribulus terrestris</i>	*				
Olives - feral	<i>Olea europaea</i> spp.	*				
Paddy melon	<i>Cucumis myriocarpus</i>	*				
Feathertop rhodes grass	<i>Chloris virgata</i>	*	Priority D: Weeds widespread throughout the region	Use good hygiene and best land management practices to prevent the further spread and establishment of these weeds.		
Blackberry nightshade	<i>Solanum nigrum</i>	*				
Salsify	<i>Tragopogon porrifolius</i>	*				

* not declared noxious