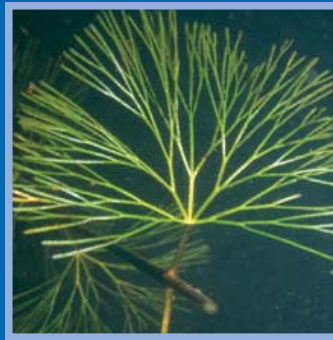




Alligator weed (*Alternanthera philoxeroides*)



Parthenium weed (*Parthenium hysterophorus*)



Cabomba (*Cabomba* spp.)



Green cestrum (*Cestrum parqui*)



Mexican feather grass (*Nassella tenuissima*)



Kochia (*Kochia scoparia*)



Harrisia cactus (*Harrisia* spp.)



Karoo thorn (*Acacia karroo*)



Athel pine (*Tamarix aphylla*)

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 Riparian Areas

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

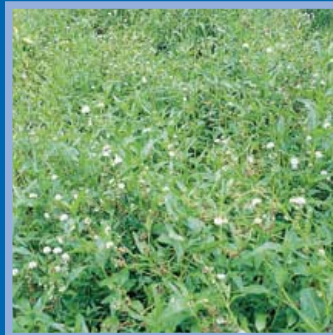
...assisting the identification of effective weed control investments...



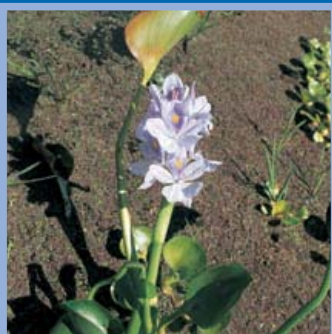
Knapweed (*Centaurea* spp.)



Water lettuce (*Pistia stratiotes*)



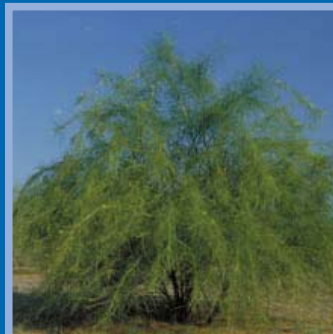
Senegal tea (*Gymnocoronis spilanthoides*)



Water hyacinth (*Eichhornia crassipes*)



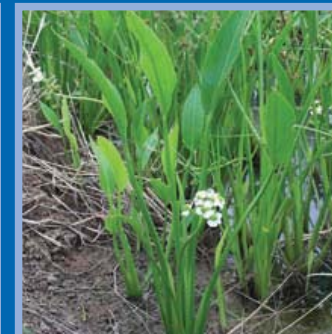
Horsetail (*Equisetum* spp.)



Parkinsonia (*Parkinsonia aculeata*)



Salvinia (*Salvinia molesta*)



Sagittaria (*Sagittaria graminea*)



Mesquite (*Prosopis* 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 riparian 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 riparian 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.
Karoo thorn	<i>Acacia karroo</i>	CC1		
Parthenium weed	<i>Parthenium hysterophorus</i>	CC1		
Knapweed (black & spotted)	<i>Centaurea</i> spp.	CC1		
Sagittaria	<i>Sagittaria graminea/platyphylla</i>	CC4/5		
Harrisia cactus	<i>Harrisia</i> spp.	CC4		
Green cestrum	<i>Cestrum parqui</i>	CC3		
Kochia	<i>Kochia scoparia</i>	CC1		
Mexican feather grass	<i>Nassella tenuissima</i>	CC5		
Broomrape	<i>Orobanche</i> spp. (except native species)	CC1		
Mesquite	<i>Prosopis</i> spp.	CC2		
Parkinsonia	<i>Parkinsonia aculeata</i>	CC2		
Witchweed	<i>Striga</i> spp. (except native species and <i>Striga parviflora</i>)	CC1		
Prickly acacia	<i>Acacia nilotica</i>	CC1		
Yellow burrhead	<i>Limnocharis flava</i>	CC1		
Anchored water hyacinth	<i>Eichhornia azurea</i>	CC1		
Water hyacinth	<i>Eichhornia crassipes</i>	CC2		
East Indian hygrophylla	<i>Hygrophylla polysperma</i>	CC1		
Senegal tea plant	<i>Gymnocoronis spilanthoides</i>	CC1		
Horsetail	<i>Equisetum</i> spp.	CC1		
Water lettuce	<i>Pistia stratiotes</i>	CC1		
Eurasian water milfoil	<i>Myriophyllum spicatum</i>	CC1		
Salvinia	<i>Salvinia molesta</i>	CC2		
Water caltrop	<i>Trapa</i> spp.	CC1		
Lagarosiphon	<i>Lagarosiphon major</i>	CC1		
Water soldier	<i>Stratiotes aloides</i>	CC1		
Athel pine	<i>Tamarix aphylla</i>	CC5	Priority B: Weeds present with limited distribution in LMDC, several small infestations	Do not plant these trees. Athel pine should be removed where appropriate. Rhus tree should be removed.
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.
Noogoora/Californian Burr	<i>Xanthium</i> spp.	CC4		
Willows	<i>Salix</i> spp.	CC5		
African boxthorn	<i>Lycium ferocissimum</i>	CC4		
Golden dodder	<i>Cuscuta campestris</i>	CC4		
Lippia	<i>Phylla nodiflora</i>	*		
Mexican poppy	<i>Argemone ochroleuca</i>	CC5		
Bathurst burr	<i>Xanthium</i> spp.	CC4	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.
Spiny emex	<i>Emex australis</i>	*		
Cathead/caltrop/3 corner jack	<i>Tribulus terrestris</i>	*		

* not declared noxious