

# Weeds of National Significance and buffel grass in South Australia

All land managers and general users can now access records for Weeds of National Significance and buffel grass (WoNS) using DEWNR's online mapping application [NatureMaps](#). The new spatial layer was created from a project in 2012–13 to consolidate the existing location information on WoNS from across various South Australian government agency sources. The data was entered into the Biological Databases of South Australia (BDBSA), DEWNR's corporate repository for plant and animal observations in South Australia.

The main agencies that provided additional data were South Australia's Natural Resources Management Boards and Department of Planning, Transport and Infrastructure. The additional records significantly enhanced known observations in DEWNR's databases.

This new layer of WoNS will enable ongoing updates of WoNS and buffel grass observations. All future weed specimens verified by the State Herbarium of South Australia, or added to BDBSA, will be included in the layer. Each week the layer will be updated from DEWNR's BDBSA and State Herbarium database.

Field practitioners are encouraged to collect and prepare specimens, then send them to the State Herbarium of SA to ensure we keep accurate records for WoNS and buffel grass in SA.

Concerns were raised about locations of WoNS records being made available within the NRM community. We are presenting them in a denatured format by degrading each location by up to 500 m, using a random move and buffer function. In addition to records being buffered to address privacy issues, the location of a weed cannot be viewed at scales larger than 1:200 000.

List of weeds included in the layer are:

- African boxthorn (*Lycium ferocissimum*)
- asparagus weeds (excluded from the WoNS listing are *Asparagus officinalis* and *A. racemosus*)
- athel pine (*Tamarix aphylla*)
- boneseed (*Chrysanthemoides monilifera*)
- blackberry (*Rubus fruticosus* agg.)
- brooms (*Cytisus scoparius*, *Genista monspessulana* & *Genista linifolia*)
- Chilean needle grass (*Nasella neesiana*)
- gorse (*Ulex europaeus*)
- lantana (*Lantana camara*)
- Madeira vine (*Anredera cordifolia*)
- mesquite (*Prosopis* spp.)
- opuntoid cacti (*Opuntia* spp., *Cylindropuntia* spp & *Austrocylindropuntia* spp. – excluded from the listing is *Opuntia ficus-indica*)
- parkinsonia (*Parkinsonia aculeata*)
- prickly acacia (*Acacia nilotica* spp. *indica*)
- sagittaria (*Sagittaria platyphylla*)
- silverleaf nightshade (*Solanum eleagnifolium*)
- willows (excluded from the WoNS listing are *Salix babylonica*, *S. x calodendron* and *S. x reichardtii*)
- buffel grass (*Cenchrus ciliaris* and *C. pennisetiformis*)

## For more information

Department of Environment, Water and Natural Resources

Email: [DEWNRBioDataSupport@sa.gov.au](mailto:DEWNRBioDataSupport@sa.gov.au)

