

Help save the Hunter Floodplain Red Gum Woodland in the NSW North Coast and Sydney Basin Bioregions

Conservation status in NSW: Endangered Ecological Community

Commonwealth status: N/A

Saving our Species management stream: Ecological community (range-restricted)

Community profile:

<http://www.environment.nsw.gov.au/threatenedspeciesapp/profile.aspx?id=20141>

The Saving our Species program aims to conserve threatened species and ecological communities in the wild in NSW in the long term. The project was developed by experts who have identified a minimal set of priority management sites for this community across its distribution, soils and altitudinal range, to be representative of its structure and composition. Experts have identified on-ground critical management actions to address threats at each site.

Thirteen priority management sites have been identified in NSW (ordered north to south). They are:

- Dartbrook and Kingdon Ponds in Muswellbrook; Upper Hunter LGAs
- Turanville in Upper Hunter LGA
- Hunter River to Aberdeen in Upper Hunter LGA
- Muswellbrook in Muswellbrook LGA
- Sandy Hollow in Muswellbrook LGA
- Hollydene in Muswellbrook LGA
- Bylong in Mid-Western Regional; Upper Hunter LGAs
- Denman in Muswellbrook LGA
- Plashett in Muswellbrook; Singleton LGAs
- Jerry's Plains in Singleton LGA
- Lemington in Singleton LGA
- Redbourneberry in Singleton LGA
- Broke in Singleton LGA

More information about each site is provided on the following pages.

All conservation work being undertaken to conserve the Hunter Floodplain Red Gum Woodland in the NSW North Coast and Sydney Basin Bioregions around the state is vital to its recovery. If you are carrying out critical management actions within the ecological community, please let us know at www.environment.nsw.gov.au/savingourspecies/contactus.htm.

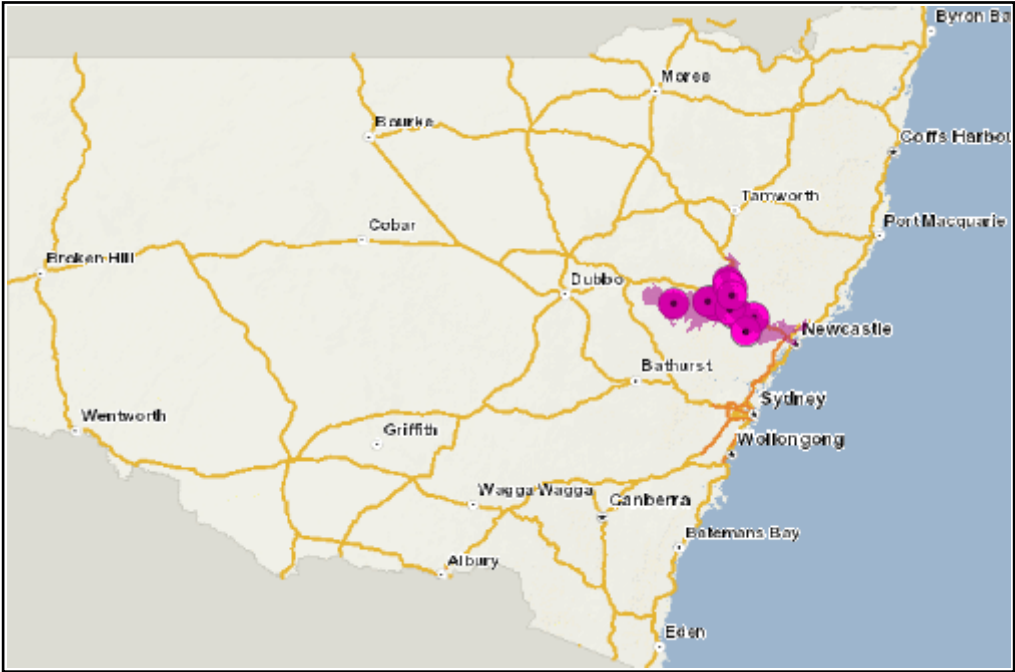
Map of Hunter Floodplain Red Gum Woodland in the NSW North Coast and Sydney Basin Bioregions
distribution and priority management sites

Legend

- Community distribution
- Priority management site

Indicative community distribution is mapped as sub-regions where the ecological community is known to occur.

Priority management sites are required for meeting the security objective for SoS-managed ecological communities.



Site 1: Dartbrook and Kingdon Ponds

Site incorporates the alluvial floodplains of Kingdon Ponds from Cressfield Road to the junction with the Dartbrook Road, and Dart Brook from Yarrandi Road to the junction with the Hunter River.

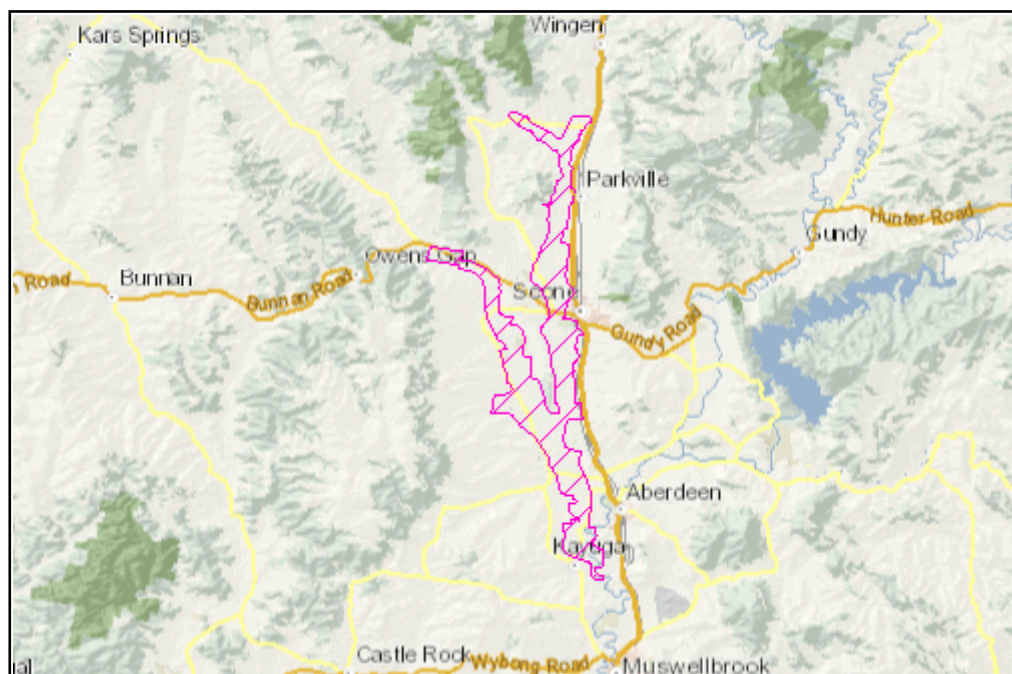
Total site area (ha): 6,015

LGA: Muswellbrook; Upper Hunter

Management site map

Legend

 Priority management site



Management activities to protect the Hunter Floodplain Red Gum Woodland in the NSW North Coast and Sydney Basin Bioregions at the site

Threat name	Objective	Action
Mixed weeds	Reduce and maintain weed densities at low levels	Site-based weed control
Domestic stock	Exclude grazing from the site	Barrier/fence installation
Domestic stock	Exclude grazing from the site	Provide advice to land manager
Vegetation clearing for agricultural purposes	Minimise impacts/incidence of clearing on the species/habitat	Land manager consultation
Uncertainty of future land management practices	Ensure land management is sympathetic to the long term requirements of the species	Land manager negotiation
Habitat fragmentation	Improve and maintain connectivity and extent of available habitat	Land manager negotiation
Loss of key habitat	Minimise impacts of clearing/removal of key habitat	Restore/rehabilitate native vegetation
Nest-hollow loss	Increase number and density of potential nest-sites	Artificial nesting boxes

Monitoring actions

Regular monitoring of the threatened ecological community's extent and condition on the site will be conducted to determine trends through time. The extent and severity of threats will also be monitored to assess the effectiveness of management actions. Management actions will be adapted, added or removed over time in response to monitoring results, based on maximising the project's effectiveness.


Site 2: Turanville

This management site occurs within the Upper Hunter Local Government Area (LGA). Due to the sensitive nature of the community or the site, the exact location cannot be identified. If you would like more information or are interested in becoming involved in the conservation of this ecological community, please register your interest via the SoS website.

Total site area (ha): 170

LGA: Upper Hunter

Management site map

Legend
 Priority management site LGA boundary



Management activities to protect the Hunter Floodplain Red Gum Woodland in the NSW North Coast and Sydney Basin Bioregions at the site

Threat name	Objective	Action
Domestic stock	Exclude grazing from the site	Barrier/fence maintenance
Vegetation clearing for agricultural purposes	Minimise impacts/incidence of clearing on the species/habitat	Land manager consultation
Uncertainty of future land management practices	Ensure land management is sympathetic to the long term requirements of the species	Land manager negotiation
Habitat fragmentation	Improve and maintain connectivity and extent of available habitat	Land manager negotiation
Nest-hollow loss	Increase number and density of potential nest-sites	Artificial nesting boxes

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Site 3: Hunter River to Aberdeen


This management site occurs within the Upper Hunter Local Government Area (LGA). Due to the sensitive nature of the community or the site, the exact location cannot be identified. If you would like more information or are interested in becoming involved in the conservation of this ecological community, please register your interest via the SoS website.

Total site area (ha): 287

LGA: Upper Hunter

Management site map

Legend

 Priority management site LGA boundary



Management activities to protect the Hunter Floodplain Red Gum Woodland in the NSW North Coast and Sydney Basin Bioregions at the site

Threat name	Objective	Action
Hydrological disturbance	Manage environmental water levels to meet species requirements	Liaise with government agency
Mixed weeds	Prevent weed invasion of the site	Community education
Mixed weeds	Reduce and maintain weed densities at low levels	Site-based weed control
Domestic stock	Exclude grazing from the site	Provide advice to land manager
Vegetation clearing for agricultural purposes	Minimise impacts/incidence of clearing on the species/habitat	Land manager consultation
Uncertainty of future land management practices	Ensure land management is sympathetic to the long term requirements of the species	Land manager negotiation
Habitat fragmentation	Improve and maintain connectivity and extent of available habitat	Land manager negotiation
Loss of key habitat	Minimise impacts of clearing/removal of key habitat	Restore/rehabilitate native vegetation
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Site 4: Muswellbrook


This management site occurs within the Muswellbrook Local Government Area (LGA). Due to the sensitive nature of the community or the site, the exact location cannot be identified. If you would like more information or are interested in becoming involved in the conservation of this ecological community, please register your interest via the SoS website.

Total site area (ha): 1,047

LGA: Muswellbrook

Management site map

Legend

-  Priority management site LGA boundary



Management activities to protect the Hunter Floodplain Red Gum Woodland in the NSW North Coast and Sydney Basin Bioregions at the site

Threat name	Objective	Action
Mixed weeds	Prevent weed invasion of the site	Community education
Mixed weeds	Reduce and maintain weed densities at low levels	Site-based weed control
Domestic stock	Exclude grazing from the site	Provide advice to land manager
Vegetation clearing for agricultural purposes	Minimise impacts/incidence of clearing on the species/habitat	Land manager consultation
Uncertainty of future land management practices	Ensure land management is sympathetic to the long term requirements of the species	Land manager negotiation
Habitat fragmentation	Improve and maintain connectivity and extent of available habitat	Land manager negotiation
Loss of key habitat	Minimise impacts of clearing/removal of key habitat	Restore/rehabilitate native vegetation
Nest-hollow loss	Increase number and density of potential nest-sites	Artificial nesting boxes
Illegal dumping	Reduce incidence of illegal dumping	Land manager negotiation
Disturbance due to infrastructure	Minimise the impact of on-site infrastructure	Site-based weed control
Disturbance from recreational users	Prevent access of recreational users to site	Barrier/fence installation

Monitoring actions

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Site 5: Sandy Hollow

Site area is the Sandy Hollow Travelling Stock Reserve which is bounded by the Goulburn River, Goulburn Drive and the rail line.

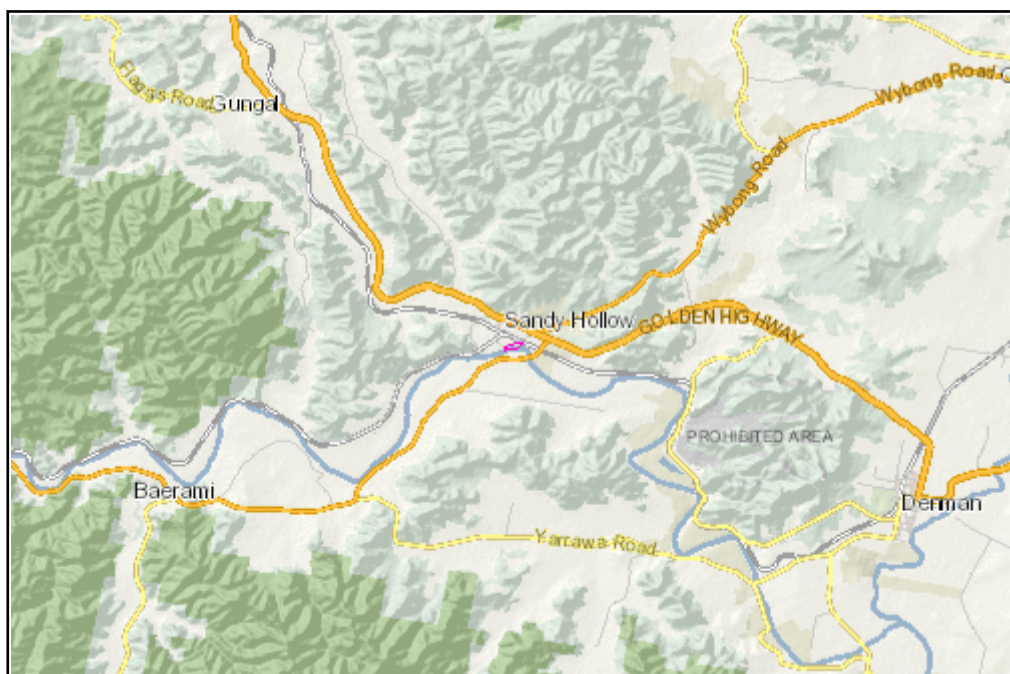
Total site area (ha): 7.05

LGA: Muswellbrook

Management site map

Legend

 Priority management site



Management activities to protect the Hunter Floodplain Red Gum Woodland in the NSW North Coast and Sydney Basin Bioregions at the site

Threat name	Objective	Action
Mixed weeds	Prevent weed invasion of the site	Community education
Mixed weeds	Reduce and maintain weed densities at low levels	Site-based weed control
Domestic stock	Exclude grazing from the site	Provide advice to land manager
Vegetation clearing for agricultural purposes	Minimise impacts/incidence of clearing on the species/habitat	Land manager consultation
Uncertainty of future land management practices	Ensure land management is sympathetic to the long term requirements of the species	Land manager negotiation
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Loss of key habitat	Minimise impacts of clearing/removal of key habitat	Restore/rehabilitate native vegetation
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Monitoring actions

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Site 6: Hollydene


This management site occurs within the Muswellbrook Local Government Area (LGA). Due to the sensitive nature of the community or the site, the exact location cannot be identified. If you would like more information or are interested in becoming involved in the conservation of this ecological community, please register your interest via the SoS website.

Total site area (ha): 165

LGA: Muswellbrook

Management site map

Legend

-  Priority management site LGA boundary



Management activities to protect the Hunter Floodplain Red Gum Woodland in the NSW North Coast and Sydney Basin Bioregions at the site

Threat name	Objective	Action
Hydrological disturbance	Manage environmental water levels to meet species requirements	Liaise with government agency
Mixed weeds	Reduce and maintain weed densities at low levels	Site-based weed control
Domestic stock	Exclude grazing from the site	Barrier/fence maintenance
Vegetation clearing for agricultural purposes	Minimise impacts/incidence of clearing on the species/habitat	Land manager consultation
Uncertainty of future land management practices	Ensure land management is sympathetic to the long term requirements of the species	Land manager negotiation
Habitat fragmentation	Improve and maintain connectivity and extent of available habitat	Land manager negotiation
Loss of key habitat	Minimise impacts of clearing/removal of key habitat	Restore/rehabilitate native vegetation
Nest-hollow loss	Increase number and density of potential nest-sites	Artificial nesting boxes

Monitoring actions

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Site 7: Bylong

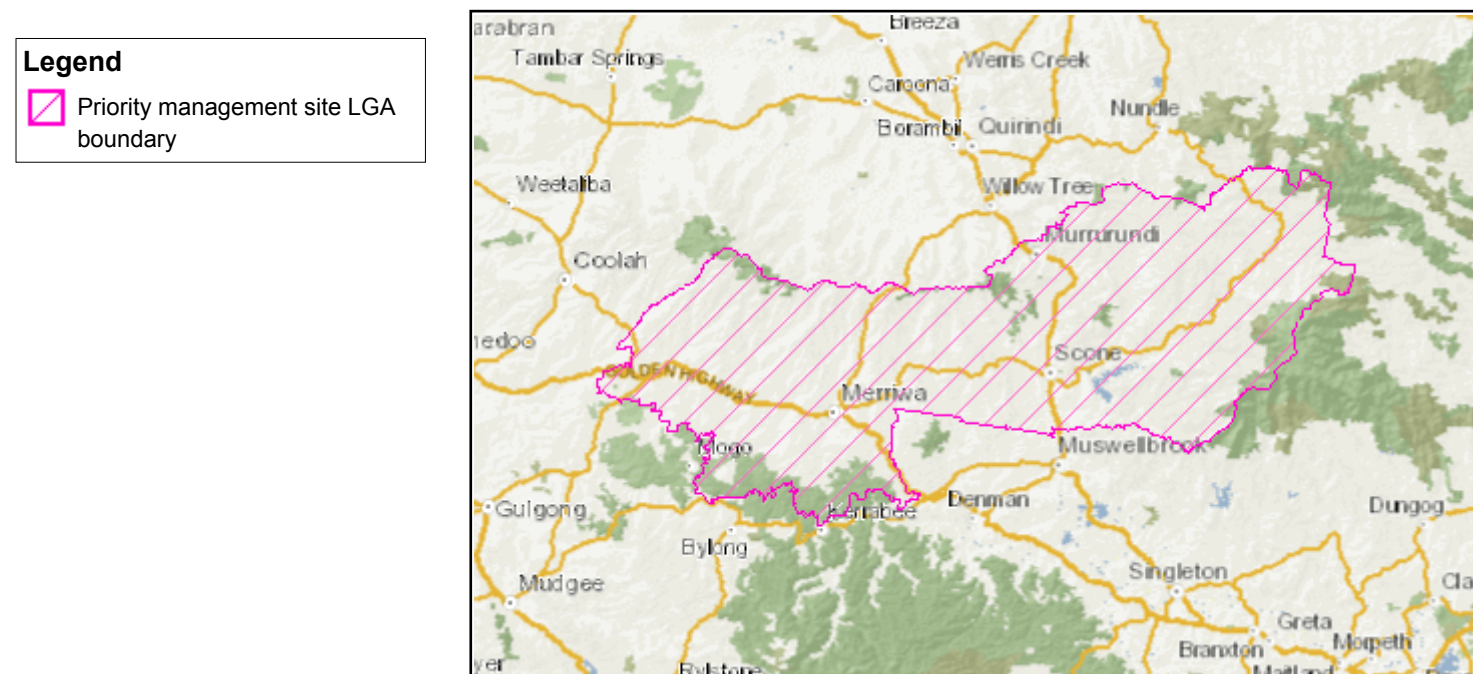
This management site occurs within the Upper Hunter Local Government Area (LGA). Due to the sensitive nature of the community or the site, the exact location cannot be identified. If you would like more information or are interested in becoming involved in the conservation of this ecological community, please register your interest via the SoS website.

Total site area (ha): 2,820

LGA: Mid-Western Regional; Upper Hunter

NPWS reserve: Goulburn River National Park

Management site map



Management activities to protect the Hunter Floodplain Red Gum Woodland in the NSW North Coast and Sydney Basin Bioregions at the site

Threat name	Objective	Action
Domestic stock	Exclude grazing from the site	Barrier/fence maintenance
Vegetation clearing for agricultural purposes	Minimise impacts/incidence of clearing on the species/habitat	Land manager consultation
Uncertainty of future land management practices	Ensure land management is sympathetic to the long term requirements of the species	Land manager negotiation
Habitat fragmentation	Improve and maintain connectivity and extent of available habitat	Land manager negotiation
Nest-hollow loss	Increase number and density of potential nest-sites	Artificial nesting boxes


Monitoring actions

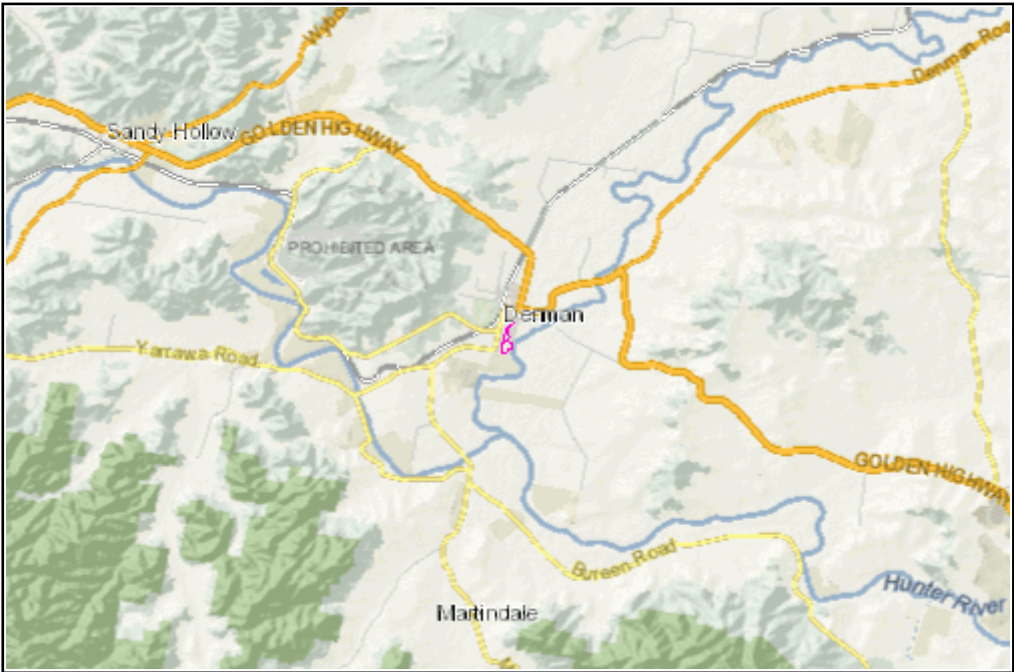
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Site 8: Denman

Site is a council reserve in Denman.
Total site area (ha): 14
LGA: Muswellbrook

Management site map

Legend
 Priority management site



Management activities to protect the Hunter Floodplain Red Gum Woodland in the NSW North Coast and Sydney Basin Bioregions at the site

Threat name	Objective	Action
Habitat fragmentation	Improve and maintain connectivity and extent of available habitat	Restore/rehabilitate native vegetation
Nest-hollow loss	Increase number and density of potential nest-sites	Artificial nesting boxes
Illegal dumping	Reduce incidence of illegal dumping	Install signage
Mixed weeds	Prevent weed invasion of the site	Community education
Mixed weeds	Prevent weed invasion of the site	Site-based weed control

Monitoring actions

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Site 9: Plashett

This management site occurs within the Muswellbrook Local Government Area (LGA). Due to the sensitive nature of the community or the site, the exact location cannot be identified. If you would like more information or are interested in becoming involved in the conservation of this ecological community, please register your interest via the SoS website.

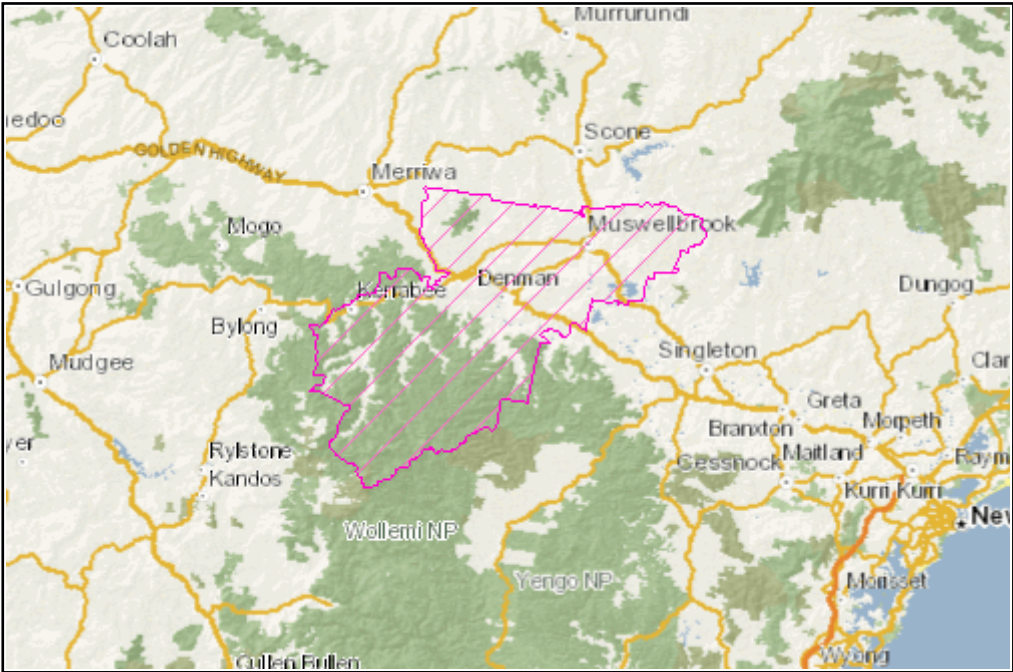
Total site area (ha): 87

LGA: Muswellbrook; Singleton

Management site map

Legend

Priority management site LGA boundary



Management activities to protect the Hunter Floodplain Red Gum Woodland in the NSW North Coast and Sydney Basin Bioregions at the site

Threat name	Objective	Action
Hydrological disturbance	Manage environmental water levels to meet species requirements	Liaise with government agency
Mixed weeds	Prevent weed invasion of the site	Community education
Mixed weeds	Reduce and maintain weed densities at low levels	Site-based weed control
Domestic stock	Exclude grazing from the site	Provide advice to land manager
Vegetation clearing for agricultural purposes	Minimise impacts/incidence of clearing on the species/habitat	Land manager consultation
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Habitat fragmentation	Improve and maintain connectivity and extent of available habitat	Land manager negotiation
Loss of key habitat	Minimise impacts of clearing/removal of key habitat	Restore/rehabilitate native vegetation
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Site 10: Jerry's Plains

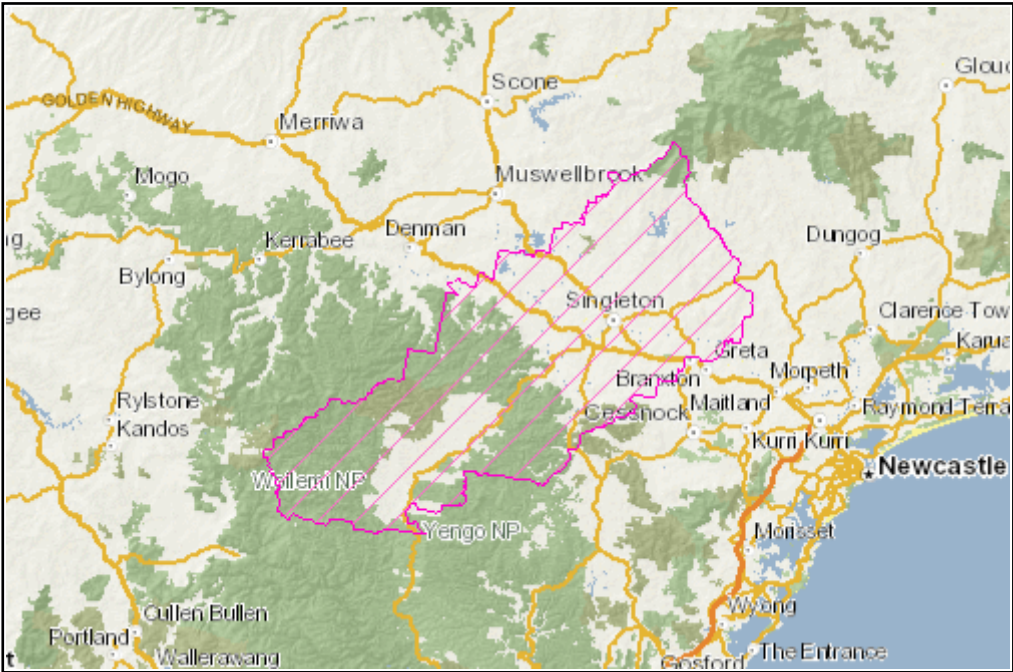
This management site occurs within the Singleton Local Government Area (LGA). Due to the sensitive nature of the community or the site, the exact location cannot be identified. If you would like more information or are interested in becoming involved in the conservation of this ecological community, please register your interest via the SoS website.

Total site area (ha): 86

LGA: Singleton

Management site map

Legend
 Priority management site LGA boundary



Management activities to protect the Hunter Floodplain Red Gum Woodland in the NSW North Coast and Sydney Basin Bioregions at the site

Threat name	Objective	Action
Hydrological disturbance	Manage environmental water levels to meet species requirements	Liaise with government agency
Mixed weeds	Prevent weed invasion of the site	Community education
Mixed weeds	Reduce and maintain weed densities at low levels	Site-based weed control
Domestic stock	Exclude grazing from the site	Provide advice to land manager
Vegetation clearing for agricultural purposes	Minimise impacts/incidence of clearing on the species/habitat	Land manager consultation
Uncertainty of future land management practices	Ensure land management is sympathetic to the long term requirements of the species	Land manager negotiation
Habitat fragmentation	Improve and maintain connectivity and extent of available habitat	Land manager negotiation
Loss of key habitat	Minimise impacts of clearing/removal of key habitat	Restore/rehabilitate native vegetation
Nest-hollow loss	Increase number and density of potential nest-sites	Artificial nesting boxes

Monitoring actions

Regular monitoring of the threatened ecological community's extent and condition on the site will be conducted to determine trends through time. The extent and severity of threats will also be monitored to assess the effectiveness of management actions. Management actions will be adapted, added or removed over time in response to monitoring results, based on maximising the project's effectiveness.

Site 11: Lemington


This management site occurs within the Singleton Local Government Area (LGA). Due to the sensitive nature of the community or the site, the exact location cannot be identified. If you would like more information or are interested in becoming involved in the conservation of this ecological community, please register your interest via the SoS website.

Total site area (ha): 443

LGA: Singleton

Management site map

Legend

-  Priority management site LGA boundary



Management activities to protect the Hunter Floodplain Red Gum Woodland in the NSW North Coast and Sydney Basin Bioregions at the site

Threat name	Objective	Action
Hydrological disturbance	Manage environmental water levels to meet species requirements	Liaise with government agency
Mixed weeds	Prevent weed invasion of the site	Community education
Mixed weeds	Reduce and maintain weed densities at low levels	Site-based weed control
Domestic stock	Exclude grazing from the site	Provide advice to land manager
Vegetation clearing for agricultural purposes	Minimise impacts/incidence of clearing on the species/habitat	Land manager consultation
Uncertainty of future land management practices	Ensure land management is sympathetic to the long term requirements of the species	Land manager negotiation
Habitat fragmentation	Improve and maintain connectivity and extent of available habitat	Land manager negotiation
Loss of key habitat	Minimise impacts of clearing/removal of key habitat	Restore/rehabilitate native vegetation
Nest-hollow loss	Increase number and density of potential nest-sites	Artificial nesting boxes

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Site 12: Redbourneberry


Site includes the Hunter River area south of Queen Street along Glendon Road in Singleton.

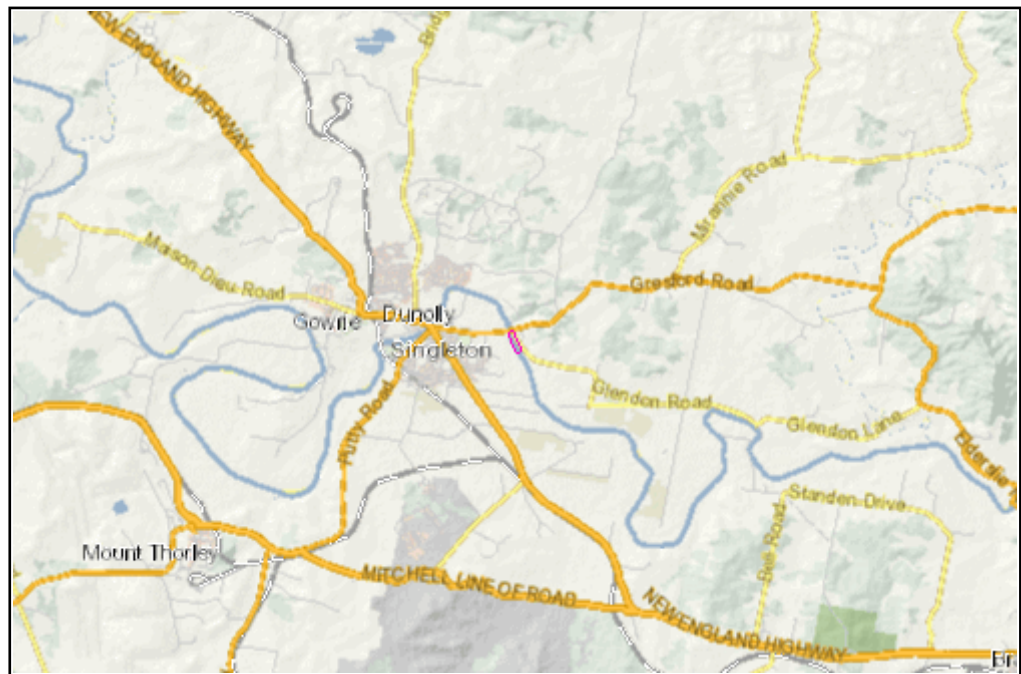
Total site area (ha): 12

LGA: Singleton

Management site map

Legend

 Priority management site



Management activities to protect the Hunter Floodplain Red Gum Woodland in the NSW North Coast and Sydney Basin Bioregions at the site

Threat name	Objective	Action
Hydrological disturbance	Manage environmental water levels to meet species requirements	Liaise with government agency
Domestic stock	Exclude grazing from the site	Barrier/fence maintenance
Habitat fragmentation	Improve and maintain connectivity and extent of available habitat	Restore/rehabilitate native vegetation
Nest-hollow loss	Increase number and density of potential nest-sites	Artificial nesting boxes
Disturbance from recreational users	Minimise impacts of recreational activities	Install informative signs
Mixed weeds	Prevent weed invasion of the site	Site-based weed control

Monitoring actions

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Site 13: Broke

Site is a reserve at the edge of Broke on the Wollombi Brook.

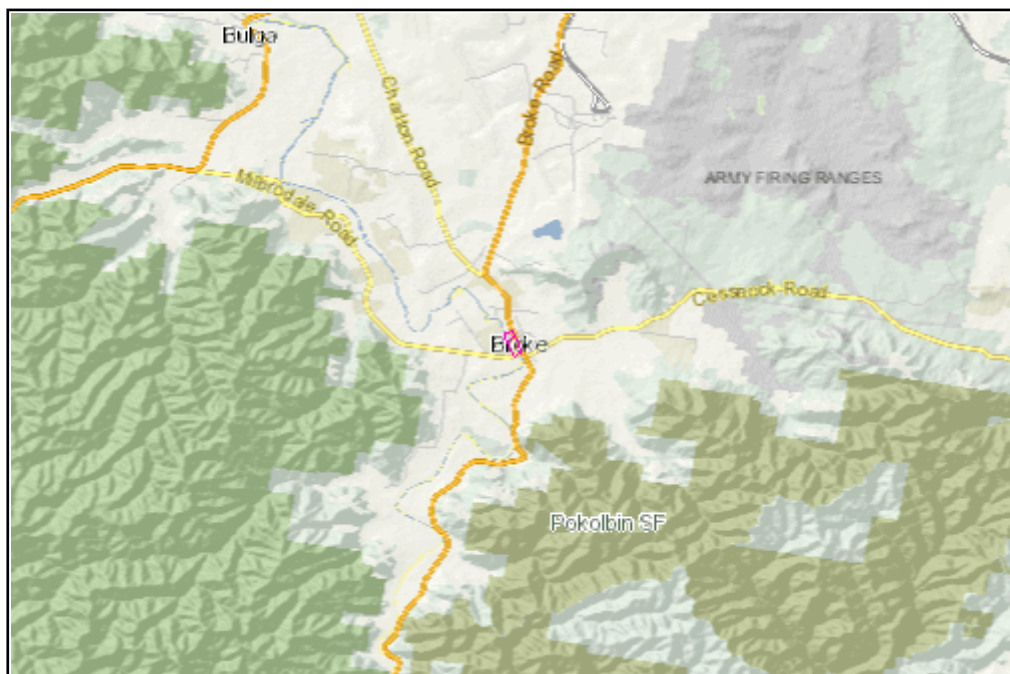
Total site area (ha): 21

LGA: Singleton

Management site map

Legend

 Priority management site



Management activities to protect the Hunter Floodplain Red Gum Woodland in the NSW North Coast and Sydney Basin Bioregions at the site

Threat name	Objective	Action
Hydrological disturbance	Manage environmental water levels to meet species requirements	Liaise with government agency
Mixed weeds	Prevent weed invasion of the site	Community education
Mixed weeds	Reduce and maintain weed densities at low levels	Site-based weed control
Habitat fragmentation	Improve and maintain connectivity and extent of available habitat	Restore/rehabilitate native vegetation
Nest-hollow loss	Increase number and density of potential nest-sites	Artificial nesting boxes
Illegal dumping	Reduce incidence of illegal dumping	Install signage

Monitoring actions

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Are you helping to save threatened ecological communities?

Find out more about our program - visit <http://www.environment.nsw.gov.au/savingourspecies>

Tell us about the work you're doing - visit <http://www.environment.nsw.gov.au/savingourspecies/tellusaboutyourwork.htm>

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