

# NSW Vegetation Classification (Short Report) - Vegetation ID

20 to: 20

**Common Name:** Buloke - Moonbah - Black Box open woodland on sandy rises of semi arid (warm) climate zone

**Scientific Name:** *Eucalyptus largiflorens* / *Allocasuarina luehmannii* - *Melaleuca lanceolata* - *Hakea tephrosperma* / *Austrodanthonia caespitosa* - *austrostipa nodosa* - *Atriplex leptocarpa*

**Veg. Comm. ID.:** 20

**Photo 1:** ID020 *Allocasuarina luehmannii*-*Callitris glaucophylla* woodland near Lake Urana Nature Reserve, (AGD66) 35°17'08.0" 146°07'38.2"; 9/4/02; J.Plaza.



**Original Entry:** 31/12/2005  
John Benson

**Characteristic Trees:** *Allocasuarina luehmannii*; *Eucalyptus largiflorens*; *Melaleuca lanceolata*; *Callitris gracilis* subsp. *murrayensis*; *Callitris glaucophylla*.

**Shrubs/Vines/Epiphytes:** *Hakea tephrosperma*; *Acacia acinacea*; *Pittosporum angustifolium*; *Acacia melvillei*; *Sclerolaena muricata* var. *muricata*; *Teucrium racemosum*; *Maireana humillima*.

**Groundcover:** *Austrodanthonia caespitosa*; *Austrostipa nodosa*; *Atriplex leptocarpa*; *Einadia nutans* subsp. *nutans*; *Aristida leptopoda*; *Austrostipa elegantissima*; *Enteropogon ramosus*; *Wahlenbergia luteola*; *Austrostipa eremophila*; *Chondrilla juncea*; *Vittadinia gracilis*; *Vittadinia cuneata* var. *cuneata* f. *cuneata*; *Vittadinia cervicularis* var. *cervicularis*; *Vittadinia dissecta* var. *hirta*; *Vittadinia gracilis*; *Austrodanthonia setacea*; *Austrostipa blackii*; *Sida corrugata*; *Oxalis perennans*; *Chenopodium desertorum* subsp. *desertorum*; *Wahlenbergia luteola*; *Austrostipa eremophila*; *Chondrilla juncea*; *Sida corrugata*; *Oxalis perennans*; *Chenopodium desertorum* subsp. *desertorum*; *Austrostipa blackii*; *Lomandra effusa*; *Salsola tragus* subsp. *tragus*; *Spergularia rubra*.

**Structure (WH):** Open Woodland; Isolated Trees.

**Vegetation Description:** Open woodland usually with a taller tree layer of Black Box (*Eucalyptus largiflorens*) with a smaller tree layer of Buloke (*Allocasuarina luehmannii*), Moonbah (*Melaleuca lanceolata*) and Hooked Needlewood (*Hakea tephrosperma*). White Cypress Pine (*Callitris glaucophylla*) or Slender Cypress Pine (*Callitris gracilis* subsp. *murrayensis*) may be present. Scattered bluebush (*Maireana* spp.) and Black Roly Poly (*Sclerolaena muricata*) may occur. The ground cover is often sparse being composed of wallaby grass (*Austrodanthonia caespitosa*), wiregrass (*Aristida leptopoda*), corkscrew grass (*Austrostipa nodosa*) and *Enteropogon ramosus*. Several species of the daisy *Vittadinia* may be present. Exotic grass species such as *Bromus* or *Hordeum* are common. This community usually occurs on red-brown loam soils with alkaline sub-soils on small sandy rises on the alluvial plain. Very occasionally it floods. Distributed in the semi-arid (warm) climate zone of south-western NSW from Urana and east of Deniliquin to Euston along the Murray River, receiving 300-450 mm of average annual rainfall. This community has mostly been cleared and the stands that remain are generally over-grazed and subject to rabbit grazing and burrowing due to loamy soil. In most locations there are few signs of regeneration. This is a critically endangered and a poorly conserved community urgently requiring fencing and other protection mechanisms.

**IBRA (v6):** Riverina (>70%).

**CMAs:** Lower Murray/Darling (1-30%); Murray (>70%).

**Pre-European Extent:** 8000 ha ±50%.

**Current Extent:** 1000 ha ±50%.

**Percent Remaining:** 12% ± 80%.

**Conservation Reserves:** TOTAL AREA 6 ha: Lake Urana NR 5 (E2); Wiesners Swamp NR 1 (E2).

**Secure Pty. Agreements:** None.

**Protected Current** TOTAL AREA 6 ha (0.6%) ± 50%, or 0.07% of pre-European extent.

**Threat Category:** Critically Endangered.

**Threat/Protected Area Code:** CE/5b. **Threat Criteria:** 1; 2; 4; 5.

**Reference List:** 308; 323; 13; 21; 9; 146.