

NORTHERN PLAINS GRASSLAND

Site assessment and management options

Site 1 – Three Chain Rd

Map Sheet (1:25,000)	TUNGAMAH (8025-1-2)
MGA Reference	Zone 55 403890/5996361
Location	Three Chain Rd, approximately 3km south of Tungamah Main Rd.
Tenure	Public (roadside)
Land Manager	Moira/DSE
Local Government	Moira
Biosite Number	3443
Size	6 Ha (approx. 3km long)
Hab/Ha Score	50/100 (14 th Dec 2005)
EVC	Plains Grassland
Bioregion	Victorian Riverina

Site description

This site a derived grassland (former woodland), functions as a Northern Plains Grassland. The plant species present are typical of a grassland community. It is listed in Departmental databases (Biosites/ABC) as a NPG site. Western side of road fenced to exclude grazing (Botanic Guardians Grant 1990). Has been grazed periodically in Autumn. An Honours project (La Trobe University 2005) has investigated the affect of different fire/grazing regimes. TFN have had considerable input into the management of the site. Current land status may change in the future, from roadside to a Nature Conservation Reserve (D. Robinson 2005 per comms).

Significant flora or fauna

Buloke *Allocasuarina luehmannii* (d)
Grey Billy-buttons *Craspedia canens* (e)
Tough Scurf-pea *Cullen tenax* (e)
Pale Spike-sedge *Eleocharis pallens* (k)

Threatening Processes

1. Weeds and exotic grasses (*Romulae rosea*, *Trifolium sp.*, *Avena sp*)
2. Absence of disturbance regime
3. Edge affects (neighbouring agriculture), isolation and fragmentation
4. Poor roadside management practice

Management

1. Manage for grassland values present
2. Continue current grazing regime (light grazing in late Summer and Autumn but not when wet)
3. Control weeds and exotic grasses (spot spraying/fire/grazing)
4. Potential site for trial disturbance regime (fire/grazing)
5. Monitor flora during Spring
6. Buffer roadside from agricultural land and edge affects
7. Ammend the Moira RMP(roadside management plan) from low conservation value to high
8. Revise land status to Nature Conservation Reserve



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Flora species

Common name

Lamb Tails
Windmill Grass
Grassland Wood-sorrel
Common Everlasting
Slender Dock
Milky Beauty-heads
Lemon Beauty-heads
Drumsticks
Variable Sida
Grey Willow-herb
Spur Velleia
Pink Bindweed
Drumsticks
Blue Devil
Grey Tussock-grass
Silky Blue-grass
Spider Grass
Common Woodruff
Nardoo
Rigid Panic
Toad Rush
Veined Swamp Wallaby-grass
Wallaby Grass

Scientific name

Ptilotus exaltus
Chloris truncata
Oxalis perennans
Helichrysum apiculatum
Rumex brownii
Calocephalus lacteus
Calocephalus citreus
Pyncnosorus globosus
Sida corrugata
Epilobium billardierianum subsp. *cinereum*
Velleia paradoxa
Convolvulus erubescens
Pyncnosorus globosus
Eryngium ovinum
Poa sieberiana
Dicanthium sericeum
Enteropogon acicularis
Asperula conferta
Marsilea spp.
Homopholis proluta
Juncus bufonius
Amphibromus nervosus
Austrodanthonia sp

Weed species

Common name

Hair Grass
Bearded Oat
Hare's-foot Clover
Pattersons Curse
Centauray
Flatweed

Scientific name

**Aira* spp.
**Avena barbata*
**Trifolium arvense* var. *arvense*
**Echium plantagineum*
**Centaureum* spp.
**Hypochoeris radicata*

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