

PROPOSED RESERVE INSPECTION REPORT

RESERVE NO : 13343 & 15295.

DOLA FILE NO : 2378/11.

PROPOSED NAME : Yilliminning Rock Nature Reserve.

AREA : 10.5775 ha & 76.1290.ha.

SHIRE : Narrogin.

PURPOSE : Gravel, camping & water.

VESTING : Shire of Narrogin.

METHOD : This survey was conducted by Technical Officer, W. Roe, in vehicle and on foot on the afternoon of November 5, 1992. Weather conditions were warm and humid. Temperature 25 C with a gusty NNW wind to 15 km/h and 6/8 cloud cover.

ADJOINING PROPERTIES : North - cleared fallow farmland on the western end of the boundary and bushland on the east (see map). Fence is 6 strand ringlock with 1 barb + 1 plain and wood posts in good condition.
West - cleared farmland planted to lupins. Fence is 6 strand ringlock + 2 barb with wood posts in good condition.
South - cleared farmland in pasture with cattle. Fence is 6 strand hinge joint + 2 barb with wood posts in good condition.
East - the southern end is adjacent to a house and sheds with 6 strand hinge + 2 barb and wood posts in poor condition. The northern section is next to a pasture paddock with cattle. Fence is 6 strand ringlock +1 barb and wood posts in good condition.

HUMAN USAGE : Mostly passive recreation activities such as bird watching, bushwalking and picnicking.

DAMAGE OR DEGRADATION : A small amount of gravel has been removed from the reserve and some rubbish dumped. Weed invasion has also occurred along the western and southern boundaries.

FIREBREAKS : North - a 3m wide track in poor condition (overgrown).
West - Birdwhistle Road. A good quality 8m wide gravel road.
South - Yilliminning Road. A first class bitumen road 10m wide.

East - a 3-6m wide track requiring maintenance.

VEGETATION TYPES:

1. Kwongan heath.
2. Open salmon gum (*Eucalyptus salmonophloia*), wandoo (*E. wandoo*) woodland, over Jam (*Acacia accuminata*), over ground cover of annuals and woody shrubs.
3. Sheoak woodland (*Allocasuarina huegeliana*).

PLANT SPECIES :

A collection has been made for the area. See list attached.

NEST HOLLOWS :

Present in Salmon Gum / Wandoo woodland.

WEEDS :

Along Birdwhistle and Yilliminning Road and the eastern fenceline weeds are abundant. Invasion from adjoining paddocks is evident.

The transition zone, (creekline) between the Salmon Gum and Sheoak is heavily infested. In cracks and ledges on the rock weeds have become well established.

FIRE HISTORY :

Unknown.

FAUNA :

- Birds
- Australian Magpie
 - Australian Mudlark
 - Australian Raven
 - Port Lincoln Ringneck
 - Regent Parrot
 - Rufous Whistler
 - Wee Bill
 - Willie Wagtail
- Mammals -
- Western Grey Kangaroo
 - Brush Tail Wallaby
 - Rabbit
- Reptiles & Frogs -
- Bobtail Goanna
 - Small Lizards and Skinks (living on rock)
 - Possibly snakes and frogs (no sightings)
- Insects -
- Bush Flies
 - Meat ants
 - Dragon Flies
 - Various Arachnids

RECOMMENDATIONS :

Reasons for recommending reserve No. 13343 & 15295 for vesting in the NPNCA for the Conservation of Flora and Fauna are as follows :

1. The mature Salmon Gum and Wandoo woodland provides an important nesting site for fauna in the area.
2. Yilliminning is a large remnant with a very significant piece of granite within it. This creates an important watershed which

recommendation:

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supports a diverse flora community. The high vegetation diversity provides a contrast to the rail and gravel reserves to the north.

3. This is an important recreation reserve that requires CALM management to provide good public access without compromising the environment.
4. There is a good opportunity to create a bush corridor to link Yilliminning Rock Reserve to Nature Reserve 17115 to the north west. There is currently a fragmented line of vegetation linking the two reserves along a section of breakaway across the paddock. Through careful liaising with the farmer to encourage him to fill in the gaps in the vegetation, the corridor could be filled in relatively quickly. To assist in covering costs of revegetating, an application could be made for funding through one of the Federal Government schemes such as "Save the Bush" or "One Billion Trees".

FLORA of YILLIMINNING ROCK

Note: Partial list only *

Aira grass
Calothamnus sp.
Ceasia parviflora
Conospermum sp.
Danthonia sp. (15)
Foxtail mulga grass
Giant *Lepidosperma*
Helichrysum sp. (from Res. 10521)
Leschenaultia biloba
Pimelia sp.
Potolepus canescens (sp.99)
Potolepus lessoni (sp.66)
Stakhousia sp.(104)
Stipa spp.
Stypandra imbricata
Trachimena sp.(42)
Xanthorrhoea brunonis

WEED SPECIES

Anogalis foemoena var *caerulea*
Annual Velt Grass
Avina fatua
Avina sativa
Blue pimpernel
Briza maxima
Bromus sp.
Ehrharta longiflora
Erodium botrys
Freesia leichtlinii
Hypochaeris glabra
Lolium perenne
Petrorhagia velutina
Silver grass
Sonchus oleraceus
Ursinia anthemoides

* An extensive collection of species is waiting to be sorted
at the W.A. Herbarium J.P. Pigott
Research Scientist
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