

SYSTEM 6 BUSHLAND SUBMISSION FORM
FOR CONSIDERATION IN THE UPDATE PROGRAMME

MINDARIE HEATHLAND

LOCATION, OWNERSHIP AND ZONING OF THE AREA

1. Location

- a) Bordering Roads: Quinns Road and Marmion Ave
- b) Nearest Corner: as above
- c) Lot Number: Lot part 30, 31 Quinns Road, Mindarie
- d) Suburb/Location: Mindarie
- e) Local Council: City of Wanneroo
- f) Site Name: Limestone heathland between Quinns Rocks and Mindarie
- g) Approximate size of area (ha): estimated area size 100 ha
- h) Location on map: please see attached copy of aerial photo
- i) Map: Streetsmart Street Directory, 1996
- j) Map no.: 14
- k) Grid Ref.: Map 14: 1B (top left) to 1C (top right)
Map 14: 3B (bottom left) to 3C (bottom right)
- l) Other information to find location: please see attached copy of aerial photo.
- m) Aware of any development proposals that are likely to affect the area?
Yes, proposed urban development

2. Who owns the area? Private landowners including Gumflower Pty Ltd

3. If you own the land? not applicable

4. What is the area zoned? Urban under MRS

PHYSICAL CHARACTERISTICS

5. Why do you consider this area important? The area is a large intact remnant of coastal limestone heathland in excellent condition and with several significant species of flora. This extensive area of heathland and shrubland on limestone ridges and shallow soils over limestone includes *Dryandra sessilis* heathland, *Melaleuca cardiophylla* thickets and Rock mallee (*Eucalyptus petrensis*) mallee scrub. The area also includes a stand of the declared flora Yanchep mallee (*E. argutifolia*) and stands of Fremantle Mallee (*E. foecunda*), heathlands dominated

by *Melaleuca huegelii* and *Thomasia triphylla* and *Banksia* woodlands also occur in the area.

6. What are the soil type/s and colours? Yellow/Brown sands of the Cottesloe soil types.

7. Any special features such as unusual landforms/landscapes? Yes, coastal limestone ridges

8. Is the area a wetland or does it include a wetland? No

9. What percentage of the wetland is open water in summer? not applicable

VEGETATION / FAUNA

10. What percentage of the area is indigenous vegetation? 100%

11. If the area includes regions of cleared native bushland please indicate reasons for the inclusion. not applicable

12. Has any previous flora or fauna work been done on the area? Inadequate flora survey in Mindarie Keys ERMP (Leprovst, Semeniuk and Chalmer, 1984). Fauna survey by Ninnox (1984).

13. The condition of the native bushland?

Pristine to excellent.

14. Disturbances affecting the area?

a) Partial clearing; for proposed road.

15. Plant species of interest in the area? The declared rare flora Yanchep mallee (*Eucalyptus argutifolia*) occurs in the area. Other mallees of the coastal limestone recorded here include Fremantle mallee (*E. foecunda*), Limestone Marlock (*E. decipiens*) and large stands of Rock Mallee (*E. petrensis*). Significant areas of *Melaleuca cardiophylla* occur here also. Other notable endemics of the coastal limestone may also exist in the heathland.

16. Do you know of any animals that use the area? Yes, Echidnas, Western Grey Kangaroos and White-tailed Black Cockatoos. Also the Southern Brown Bandicoots lives in the area - gazetted rare fauna. Ninox (1984) reports several uncommon and rare species which may occur in the area. These involve the Peregrine Falcon (*Falco peregrinus*), Carpet Python (*Python spilotus imbricatus*) and burrowing snake (*Vermicella calonotus*). Other fauna include the Western Brush Wallaby (*Macropus irma*), Honey Possum (*Tarsipes rostratus*) and many species of bird and reptile in the limestone heathlands.

17. Is the area used by any native animals of special interest? See above

SURROUNDING AREA

18. Are there any bushland areas (including wetlands) near this area? No, excepting small remnants in public open space.

19. Does the submitted area link other bushland areas? No

Mindarie Heathland

