

SHENTON BUSHLAND, SHENTON PARK

Boundary Definition: protected area boundary

SECTION 1: LOCATION INFORMATION

Bush Forever Site no. 218

Area (ha): bushland 19.7

Map no. 46

Map sheet series ref. no. 2034-II SW

Other Names: not known

Local Authorities (Suburb): City of Nedlands (Karrakatta)

SECTION 2: REGIONAL INFORMATION

LANDFORMS AND SOILS

Spearwood Dunes

Sands derived from Tamala Limestone (Qts: S7)

VEGETATION AND FLORA

Vegetation Complexes

Spearwood Dunes

Karrakatta Complex — Central and South

Floristic Community Types

Supergroup 4: Uplands centred on Spearwood and Quindalup Dunes

28 Spearwood *Banksia attenuata* or *B. attenuata* — *Eucalyptus* woodlands

WETLANDS

No wetlands mapped

THREATENED ECOLOGICAL COMMUNITIES

Not assessed

SECTION 3: SPECIFIC SITE DETAIL

Landscape Features: vegetated uplands

Vegetation and Flora: limited survey (DEP 1999, Gibson *et al.* 1994 (Shent 01)); detailed survey (Ecoscape 1994a)

Structural Units

Uplands: *Eucalyptus marginata* Woodland over *Banksia attenuata*, *B. menziesii* and *Allocasuarina fraseriana* Low Woodland; *Banksia attenuata*, *B. menziesii* and *Allocasuarina fraseriana* Low Woodland with scattered emergent *Eucalyptus marginata* and with occasional emergent *E. gomphocephala*

Scattered Native Plants: from above communities — regionally significant vegetation recognised as being in the area of Site in need of protection

Vegetation Condition: >50% Very Good to Excellent, <50% Good to Degraded, with areas of severe localised disturbance

Total Flora: 109 native taxa, 40 weed taxa (estimated >90% expected flora, Wildflower Society and CALM in Ecoscape 1994a)

Significant Flora: *Jacksonia sericea* (3)

Fauna: structured survey for birds (43 species), reptiles (17 species) and amphibians (3 species) (O. Berry and P. Berry pers. comm.). Significant bird species: category 1 (1), category 3 (3) and category 4 (3). Rich reptile assemblage for the size of reserve. Significant reptile species: Gould's Goanna (*Varanus gouldii*)

Linkage: adjacent bushland/canopy to the north, south, east and west; part of a regionally significant potential bushland/wetland linkage (Part A, Map 7)

Other Special Attributes: National Trust of Australia (WA) Classification

SECTION 4: INTERNATIONAL AND NATIONAL SIGNIFICANCE

Subject to protection under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999*

SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS

Criteria: Representation of ecological communities, Rarity, Maintaining ecological processes or natural systems, Criteria not relevant to determination of regional significance, but which may be applied when evaluating areas having similar values

Recommendation: Site with Some Existing Protection; the existing care, control and management intent of the reserve is endorsed. The purpose of the reserve should be amended to include conservation and appropriate mechanisms applied in consultation with the management body (see Table 3, Volume 1).