

WARWICK OPEN SPACE CONSERVATION AREA

Boundary Definition: protected area/bushland taken to cadastre boundary (Areas of bushland within the boundaries of the Site are not accurately mapped.)

SECTION 1: LOCATION INFORMATION

Bush Forever Site no. 202

Area (ha): bushland 58.1

Map no. 34

Map sheet series ref. no. 2034-II NW

Other Names: Warwick Open Space, Warwick Bushland

Local Authorities (Suburb): City of Joondalup (Warwick)

System 6 (1983): M11 part System area bushland, only bushland described

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 (Brundrett and Clarke 2000, City of Wanneroo 1995a, Gibson *et al.* 1994 (Wari 01-02))

Structural Units

Uplands: *Eucalyptus gomphocephala* Woodland over *Banksia attenuata* Low Open Woodland; *Eucalyptus marginata* and *Banksia attenuata* Woodland to Open Woodland; *Eucalyptus marginata* Open Woodland; *Banksia attenuata* and *Eucalyptus marginata* Low Open Woodland; *Xanthorrhoea preissii*, *Grevillea vestita* and *Acacia pulchella* Shrubland

Scattered Native Plants: not assessed

Vegetation Condition: Mapping (Brundrett and Clarke 2000)

>85% Very Good to Excellent, <15% Good to Degraded, with areas of severe localised disturbance
Total Flora: 181 native taxa, 94 weed taxa (compiled from Brundrett and Clarke 2000, Gibson *et al.* 1994 D and City of Wanneroo 1995a) (estimated >90% expected flora)

Significant Flora: *Jacksonia sericea* (3); Brundrett and Clarke 2000 — *Diplolaena dampieri*, *Glischrocaryon aureum*

Fauna: structured survey for birds (23 species) and reptiles (12 species) (How *et al.* 1996). Significant bird species: category 1 (1), category 3 (2), category 4 (1). Breeding site for Brown Goshawk, Rainbow Bee-eater, Grey Butcherbird and several hollow-nesting species. The gecko *Diplodactylus polyophthalmus* is rare elsewhere on the Swan Coastal Plain. Important site for Western Jewel Butterfly and Sciron Skipper (Williams *et al.* pers. comm.)

Linkage: no adjacent bushland; part of Greenways 33, 2 (Tingay, Alan & Associates 1998a); part of a regionally significant potential bushland/wetland linkage (Part A, Map 7)

Other Special Attributes: recommended for protection in study of City of Wanneroo bushland (Trudgen 1996)

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, Criteria not relevant to determination of regional significance, but which may be applied when evaluating areas having similar values

Recommendation: Part A: 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. Part B: Proposed Parks and Recreation Reservation (see Table 3, Volume 1).