

SERPENTINE NATIONAL PARK AND ADJACENT BUSHLAND, SERPENTINE

Boundary Definition: protected area/bushland (part taken to cadastre)/vegetation complex boundary

SECTION 1: LOCATION INFORMATION

Bush Forever Site no. 468

Area (ha): bushland 4.9

Map no. 78

Map sheet series ref. no. 2033-II NE, 2033-II SE

Other Names: not known

Local Authorities (Suburb): Shire of Serpentine-Jarrahdale (Serpentine)

Includes CALM Managed Land: Reserve 28862 (National Park)

SECTION 2: REGIONAL INFORMATION

LANDFORMS AND SOILS

Foothills

Colluvial Deposits (Qc: Csg)

Pinjarra Plain

Alluvial/Colluvial Deposit (Qa: FS1)

VEGETATION AND FLORA

Vegetation Complexes

Foothills

Forrestfield Complex (Ridge Hill Shelf, Darling Plateau)

Floristic Community Types:

Supergroup 1: Foothills/Pinjarra Plain

3b *Eucalyptus calophylla* — *E. marginata* woodlands on sandy clay soils

WETLANDS

Wetland Types: creek

Natural Wetland Groups

Darling Plateau

Little Dardanup (D.2)

Pinjarra Plain

Keysbrook (P.1)

Swan Coastal Plain Rivers

Goegrup (R.4)

Wetland Management Objectives: not assessed

Swan Coastal Plain Lakes EPP: none identified

THREATENED ECOLOGICAL COMMUNITIES

Vulnerable (floristic community type 3b)

SECTION 3: SPECIFIC SITE DETAIL

Landscape Features: creek, vegetated uplands

Vegetation and Flora: limited survey (DEP 1996 (Serp 01-04))

Structural Units



Uplands: Woodlands dominated by *Eucalyptus calophylla* or *E. marginata* subsp. *elegantella*, sometimes over *Eucalyptus lane-poolei* Low Woodland over species-rich Mixed Open Low Heaths

Wetlands: *Eucalyptus calophylla* Woodland

Vegetation Condition: Excellent

Total Flora: not known

Significant Flora: *Eucalyptus marginata* subsp. *elegantella* (2), *Lambertia multiflora* var. *darlingensis* (3); *Xanthorrhoea acanthostachya*, *Isopogon asper*, *Eucalyptus lane-poolei*, *Nemcia dilatata*

Fauna: not known

Linkage: adjacent bushland to the east; part of a regionally significant contiguous bushland/wetland linkage (Part A, Map 7)

Other Special Attributes: contains plant communities representative of the eastern side of the Swan Coastal Plain

SECTION 4: INTERNATIONAL AND NATIONAL SIGNIFICANCE

Entered in the Register of the National Estate

SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS

Criteria: Representation of ecological communities, Diversity, Rarity, Maintaining ecological processes or natural systems, Scientific or evolutionary importance, General criteria for the protection of wetland, streamline and estuarine fringing vegetation and coastal vegetation

Recommendation: Site with Some Existing Protection; Existing Parks and Recreation Reserve (see Table 3, Volume 1).