

TALBOT ROAD BUSHLAND, STRATTON/SWAN VIEW

Boundary Definition: protected area/bushland (part 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. 306 **Area (ha):** bushland 95.2

Map no. 44 **Map sheet series ref. no.** 2134–III NW, 2134–III SW

Other Names: Location 86 (Keighery, BJ, and Trudgen 1992)

Local Authorities (Suburb): Shire of Swan (Stratton, Swan View)

SECTION 2: REGIONAL INFORMATION

LANDFORMS AND SOILS

Darling Plateau (Darling Range)/Darling Scarp

Even-grained Granite (Ae, Aes: M3)

Foothills

Colluvial Deposits (Qc: Mgs2)

Yoganup Formation (Qpr: S12)

VEGETATION AND FLORA

Vegetation Complexes

Foothills

Forrestfield Complex (Ridge Hill Shelf along base of Darling Plateau)

Pinjarra Plain

Guildford Complex

Floristic Community Types

Supergroup 1: Foothills/Pinjarra Plain

3c *Eucalyptus calophylla* — *Xanthorrhoea preissii* woodlands and shrublands

Supergroup 3: Uplands centred on Bassendean Dunes and Dandaragan Plateau

20c Eastern shrublands and woodlands (only significant area)

WETLANDS

Wetland Types: creek, artificial channel

Natural Wetland Groups

Darling Plateau

Walyunga (D1)

Wetland Management Objectives: not assessed, Conservation (Keighery, GJ, and Keighery 1993a)

Swan Coastal Plain Lakes EPP: none identified

THREATENED ECOLOGICAL COMMUNITIES

Critically Endangered (floristic community types 3c, 20c)

SECTION 3: SPECIFIC SITE DETAIL

Landscape Features: vegetated uplands (slope with view to Plain), vegetated creek

Vegetation and Flora: limited survey (DEP 1999, Gibson *et al.* 1994 (Talbot 01-13), Keighery, BJ, and Trudgen 1992); detailed survey (Keighery, GJ, and Keighery 1993a)

Structural Units: mapping (Keighery, GJ, and Keighery 1993a)

Uplands: *Eucalyptus wandoo* Open Woodland; *Eucalyptus calophylla* and *E. wandoo* Woodland; *Eucalyptus calophylla* Open Woodland to Woodland; *Eucalyptus calophylla* and *E. marginata* Woodland; *Banksia attenuata* and *B. menziesii* Open Low Woodland to Low Woodland; *Adenanthos cygnorum* and *Allocasuarina humilis* Open Shrubland; *Hakea ruscifolia* Open Shrubland; *Hakea varia* and *H. ruscifolia* Heath; *Hakea trifurcata*, *H. undulata*, *Allocasuarina humilis* and *Beaufortia purpurea* Open Heath

Wetlands: *Eucalyptus calophylla* Open Woodland to Woodland; *Melaleuca raphiophylla* Low Woodland

Vegetation Condition: >90% Excellent to Very Good, <10 % Good to Degraded, with areas of severe localised disturbance associated with mining and tracks

Total Flora: 366 native taxa (Keighery, GJ, and Keighery 1993a) (estimated >90% expected flora)

Significant Flora: *Isopogon drummondii* (3), *Synaphea acutiloba* (3), *Synaphea pinnata* (3), *Hakea myrtooides*, *Lambertia multiflora* var. *darlingensis* (3), *Thysanotus glaucus* (4); *Trichocline spathulata*, *Lomandra spartea*, *Haemodorum brevisepalum*, Keighery, GJ, and Keighery 1993a — *Aristida contorta*, *Stylidium affine*, *Grevillea endlicheriana*, *Grevillea glabrata* subsp. *glabrata*, *Conospermum incurvum* (most southern population in a reserve in the Perth Region), *Melaleuca tuberculata* subsp. *tuberculata*, *Eremaea fimbriata*

Fauna: structured surveys for birds (47 species), native mammals (3 species), reptiles (13 species) and amphibians (7 species) (How *et al.* 1996). Significant bird species: category 1 (1), category 3 (4) and category 4 (3). Significant mammal species: Honey Possum. High frog diversity

Linkage: no adjacent bushland; part of a regionally significant fragmented bushland/wetland linkage (Part A, Map 7)

Other Special Attributes: recommended to be managed as a flora conservation area (Keighery, BJ, and Trudgen 1992); Threatened or Poorly Reserved Plant Community (EPA 1994 GIS); National Trust of Australia (WA) Classification; contains plant communities representative of the eastern side of the Swan Coastal Plain; recommended that 'to encompass and protect the Talbot Road woodlands, Swan Locations 11764 and 11313 and Reserve #23 953 are amalgamated into a single A-class Nature Reserve with vesting in the NPNCA.' (Markey 1997); Largest significant area of floristic community type 20c

SECTION 4: INTERNATIONAL AND NATIONAL SIGNIFICANCE

Entered in the Register of the National Estate; subject to protection under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999*

SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS

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

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: Cemetery Mechanism. Part C: Local Reserve Mechanism. Part D: Proposed Parks and Recreation Reservation (see Table 3, Volume 1).