

HAWKEVALE BUSHLAND, HIGH WYCOMBE

Boundary Definition: bushland taken to cadastre boundary

SECTION 1: LOCATION INFORMATION

Bush Forever Site no. 122

Area (ha): bushland 10.3

Map no. 43, 49

Map sheet series ref. no. 2134-III SW

Other Names: Activ; Location 81 (Keighery, BJ, and Trudgen 1992); Submission Area 148

Local Authorities (Suburb): Shire of Kalamunda (High Wycombe)

SECTION 2: REGIONAL INFORMATION

LANDFORMS AND SOILS

Bassendean Dunes

Bassendean Sands (Qpb: S8)

VEGETATION AND FLORA

Vegetation Complexes

Foothills

Forrestfield Complex (Ridge Hill Shelf, Darling Plateau)

Floristic Community Types

Supergroup 3: Uplands centred on Bassendean Dunes and Dandaragan Plateau

20a *Banksia attenuata* woodlands over species-rich dense shrublands

WETLANDS

No wetlands mapped

THREATENED ECOLOGICAL COMMUNITIES

Endangered (floristic community type 20a)

SECTION 3: SPECIFIC SITE DETAIL

Landscape Features: vegetated uplands

Vegetation and Flora: limited survey (greater than Site — DEP 1996 (Activ 01-03), Keighery, BJ, 1995c, Keighery, BJ, and Trudgen 1992)

Structural Units: mapping (Keighery, BJ, and Trudgen 1992)

Uplands: *Eucalyptus marginata* Open Forest to Woodland; Open Low Forest to Low Woodland dominated by *Eucalyptus marginata*, *Banksia attenuata* or *B. menziesii* and combinations of these; all over species-rich Low Heath

Vegetation Condition: >80% Excellent, <20% Very Good, with areas of severe localised disturbance associated with tracks

Total Flora: 136 native taxa (compiled from Keighery, BJ, 1995c and Submission no. 83)(estimated >65% expected flora)

Significant Flora: *Conospermum undulatum* (R); *Isopogon drummondii* (3), *Lambertia multiflora* var. *darlingensis* (3); *Dasyopogon obliquifolius*, *Hakea conchifolia*, *Pityrodia bartlingii*, *Xanthorrhoea drummondii*, *Blancoa canescens*, *Stylidium crossocephalum* (southern limit, very variable species of scientific interest), *Eremaea fimbriata*

Fauna: not known

Linkage: no adjacent bushland; part of Greenway 50 (Tingay, Alan & Associates 1998a)

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); contains plant communities representative of the eastern side of the Swan Coastal Plain

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, Diversity, Rarity, Scientific or evolutionary importance

Recommendation: Urban Negotiated Planning Solution (see Table 3, Volume 1).