## MCDOWELL STREET BUSHLAND, WELSHPOOL

Boundary Definition: bushland taken to zoning boundary

SECTION 1: LOCATION INFORMATION

Bush Forever Site no. 424

Area (ha): bushland 8.1

Map no. 48, 49

Map sheet series ref. no. 2033-I NE. 2034-II SE

Other Names: Location 69 (Keighery, BJ, and Trudgen 1992) Local Authorities (Suburb): City of Canning (Welshpool)

SECTION 2: REGIONAL INFORMATION

LANDFORMS AND SOILS

Bassendean Dunes Bassendean Sands (Opb: S8)

Bassendean Dunes/Pinjarra Plain

Bassendean Sands over Guildford Formation (Opb/Opa: S10)

VEGETATION AND FLORA

Vegetation Complexes

Combinations of Bassendean Dunes/Pinjarra Plain/Spearwood Dunes

Southern River Complex

Floristic Community Types: \*not sampled, types inferred

Supergroup 2: Seasonal Wetlands

Supergroup 3: Uplands centred on Bassendean Dunes and Dandaragan Plateau

\*20a Banksia attenuata woodlands over species-rich dense shrublands AND/OR

\*23a Central Banksia attenuata - B. menziesii woodlands

WETLANDS

Wetland Types: artificial lake, dampland

Natural Wetland Groups

Bassendean-Pinjarra transition OR Bassendean with fluvial features

Mungala (B/P.2)

Wetland Management Objectives: Conservation (0.3ha)

Swan Coastal Plain Lakes EPP: none identified

THREATENED ECOLOGICAL COMMUNITIES

Not assessed, possibly Endangered (floristic community type 20a)

SECTION 3: SPECIFIC SITE DETAIL

Landscape Features: vegetated wetland, vegetated uplands

Vegetation and Flora: limited survey (Keighery, BJ, and Trudgen 1992)

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

Uplands: Eucalyptus calophylla Woodland to Open Forest; Banksia attenuata and B. menziesii Low Woodland

Wetlands: Melaleuca preissiana and Acacia saligna Low Open woodland

Vegetation Condition: Very Good to Degraded, with areas of severe localised disturbance

Total Flora: not known

Significant Flora: Conospermum triplinervium

Fauna: not known

Linkage: adjacent bushland to the south (Site 283)

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

Plain

SECTION 4: INTERNATIONAL AND NATIONAL SIGNIFICANCE

Not listed

SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS

Criteria: Representation of ecological communities, Diversity, General criteria for the protection of wetland, streamline and estuarine fringing vegetation and coastal vegetation, 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).

# QUEENS PARK BUSHLAND, QUEENS PARK

Boundary Definition: protected area/Western Australian Planning Commission-owned land boundary

SECTION 1: LOCATION INFORMATION

Bush Forever Site no. 283 Area (ha): bushland 14.4 (Site also includes open water.)
Map no. 48, 49 Map sheet series ref. no. 2033-1 NE, 2034-II SE

Other Names: Part Submission Area 140, 31; Location 69 (Keighery, BJ, and Trudgen 1992)

Local Authorities (Suburb): City of Canning (Queens Park, East Cannington)

## SECTION 2: REGIONAL INFORMATION

### LANDFORMS AND SOILS

Bassendean Dunes

Bassendean Sands (Qpb; S8)

Bassendean Dunes/Pinjarra Plain

Bassendean Sands over Guildford Formation (Qpb/Qpa: S10)

#### VEGETATION AND FLORA

Vegetation Complexes

Combinations of Bassendean Dunes/Pinjarra Plain

Southern River Complex

Floristic Community Types: \*not sampled, types inferred

Supergroup 1: Foothills/Pinjarra Plain

\*3a Eucalyptus calophylla — Kingia australis woodlands on heavy soils

Supergroup 2: Seasonal Wetlands

\*4 Melaleuca preissiana damplands

# Supergroup 3: Uplands centred on Bassendean Dunes and Dandaragan Plateau

\*23a Central Banksia attenuata — B. menziesii woodlands AND/OR

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

#### WETLANDS

Wetland Types: dampland, artificial channel

Natural Wetland Groups

#### Bassendean-Pinjarra transition OR Bassendean with fluvial features

Mungala (B/P.2)

Wetland Management Objectives: Resource Enhancement

Swan Coastal Plain Lakes EPP: 1ha

## THREATENED ECOLOGICAL COMMUNITIES

Not assessed, Critically Endangered (floristic community type 3a), possibly Endangered (floristic community type 20a)

## SECTION 3: SPECIFIC SITE DETAIL

Landscape Features: open water, vegetated wetland, vegetated uplands

Vegetation and Flora: limited survey (DEP 1996, Hames Sharley Australia 1993); detailed survey (Tauss 1997)

Structural Units: mapping (Hames Sharley Australia 1993)

Uplands: Eucalyptus calophylla Woodland to Forest; Banksia attenuata and B. menziesii Low Woodland to Low

Forest; Jacksonia furcellata Shrubland

Wetlands: Eucalyptus calophylla Woodland and Melaleuca preissiana Low Open Woodland

Scattered Native Plants: within protected area Eucalyptus rudis Woodland; Melaleuca rhaphiophylla Low Forest; some scattered and clumped trees in Completely Degraded area, habitat provided by drain into artificial lake

Vegetation Condition: >25% Very Good to Excellent, >70% Good to Degraded, with areas of severe localised disturbance

Total Flora: 167 native taxa (Tauss 1997) (estimated >85% expected flora)

Significant Flora: Macarthuria keigheryi (R) (Tauss 1997)

Fauna: not known

Linkage: adjacent bushland to the north across Welshpool Road (Site 424)

Other Special Attributes: 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, Rarity, General criteria for the protection of wetland, streamline and estuarine fringing vegetation and coastal vegetation, 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).