

Railway Path (Soldiers Road) Flora Survey

Survey carried out on 30/1/2018 and 2/2/2018 by Dr Penny Hollick. Due to the timing of the survey (summer), most annual and ephemeral species were absent. The area surveyed corresponded to approximately 2m either side of the track.

Section 1 – Railway crossing north to Norman Road

<i>Acacia lasiocarpa</i>	<i>Hakea undulata</i>
<i>Acacia pulchella</i>	<i>Hakea varia</i>
<i>Acacia saligna</i>	<i>Hibbertia hypericoides</i>
<i>Adenantheros meisneri</i>	<i>Hypocalymma robustum</i>
<i>Agrostocrinum hirsutum</i>	<i>Hypolaena exsulca</i>
<i>Allocasuarina humilis</i>	<i>Jacksonia sternbergiana</i>
<i>Anigozanthos manglesii</i>	<i>Kingia australis</i>
<i>Austrostipa/Austrodanthonia</i> spp.	<i>Kunzea glabrescens</i>
<i>Baeckea camphorosmae</i>	<i>Lechenaultia biloba</i>
<i>Banksia nivea</i>	<i>Lepidosperma pubisquamum</i>
<i>Banksia sessilis</i>	<i>Lepidosperma striatum</i>
<i>Billardiera fraseri</i>	<i>Lomandra</i> sp.
<i>Borya scirpoidea</i>	<i>Lyginia imberbis</i>
<i>Bossiaea eriocarpa</i>	<i>Meeboldina?</i>
<i>Burchardia congesta</i>	<i>Mesomelaena pseudostygia</i>
<i>Cassytha</i> sp.	<i>Mesomelaena tetragona</i>
<i>Chorizema dicksonii</i>	<i>Neurachne alopecuroidea</i>
<i>Conospermum huegelii</i>	<i>Nuysia floribunda</i>
<i>Corymbia calophylla</i>	<i>Patersonia occidentalis</i>
<i>Cyathochaeta avenacea</i>	<i>Pericalymma ellipticum</i>
<i>Dampiera linearis</i>	<i>Philotheca spicata</i>
<i>Darwinia citriodora</i>	<i>Phlebocarya ciliata</i>
<i>Dasygogon bromeliifolius</i>	<i>Stachystemon vermicularis</i>
<i>Desmocladus flexuosus</i>	<i>Stirlingia latifolia</i>
<i>Eremaea pauciflora</i>	<i>Synaphea</i> sp.
<i>Eucalyptus lane-poolei</i>	<i>Tetraaria octandra</i>
<i>Eucalyptus marginata</i>	<i>Themeda triandra</i>
<i>Gompholobium tomentosum</i>	<i>Thysanotus manglesianus</i>
<i>Grevillea bipinnatifida</i>	<i>Thysanotus sparteus</i>
<i>Grevillea leptobotrys</i>	<i>Tricoryne elatior</i>
<i>Grevillea wilsonii</i>	<i>Trymalium odoratissimum</i>
<i>Haemodorum laxum</i>	<i>Verticordia</i> sp.
<i>Haemodorum spicatum</i>	<i>Xanthorrhoea gracilis</i>
<i>Hakea prostrata</i>	<i>Xanthorrhoea preissii</i>
<i>Hakea ruscifolia</i>	

Section 2 – Norman Road north to revegetation site

<i>Acacia saligna</i>	<i>Hemiandra pungens</i>
<i>Agrostocrinum hirsutum</i>	<i>Hibbertia hypericoides</i>
<i>Allocasuarina humilis</i>	<i>Hypolaena exsulca</i>
<i>Austrostipa/Austrodanthonia</i> spp.	<i>Jacksonia sternbergiana</i>
<i>Baeckea camphorosmae</i>	<i>Johnsonia pubescens</i>
<i>Banksia nivea</i>	<i>Kingia australis</i>
<i>Banksia sessilis</i>	<i>Kunzea glabrescens</i>
<i>Banksia undata</i>	<i>Laxmannia squarrosa</i>
<i>Billardiera fraseri</i>	<i>Lechenaultia biloba</i>
<i>Borya scirpoidea</i>	<i>Lepidosperma pubisquamatum</i>
<i>Burchardia congesta</i>	<i>Lomandra</i> sp.
<i>Cassytha</i> sp.	<i>Meeboldina?</i>
<i>Conospermum huegelii</i>	<i>Melaleuca trichophylla</i>
<i>Conostylis aculeata</i>	<i>Mesomelaena tetragona</i>
<i>Corymbia calophylla</i>	<i>Neurachne alopecuroides</i>
<i>Cyathochaeta avenacea</i>	<i>Patersonia occidentalis</i>
<i>Dampiera linearis</i>	<i>Pimelea</i> sp.
<i>Dasygordon bromeliifolius</i>	<i>Stachystemon vermicularis</i>
<i>Desmocladus fasciculatus</i>	<i>Stirlingia latifolia</i>
<i>Eucalyptus lane-poolei</i>	<i>Styliodium repens</i>
<i>Gompholobium confertum</i>	<i>Synaphea</i> sp.
<i>Gompholobium marginatum</i>	<i>Tetraria octandra</i>
<i>Gonocarpus pithyoides</i>	<i>Thysanotus sparteus</i>
<i>Grevillea wilsonii</i>	<i>Tricoryne elatior</i>
<i>Haemodorum laxum</i>	<i>Trymalium angustifolium</i>
<i>Haemodorum spicatum</i>	<i>Trymalium odoratissimum</i>
<i>Hakea ceratophylla</i>	<i>Verticordia</i> sp.
<i>Hakea prostrata</i>	<i>Xanthorrhoea acanthostachya</i>
<i>Hakea stenocarpa</i>	<i>Xanthorrhoea preissii</i>

Section 3 – Revegetation site north to Cardup Siding Road

<i>Acacia pulchella</i>	<i>Conostylis aculeata</i>
<i>Acacia saligna</i>	<i>Corymbia calophylla</i>
<i>Adenanthes cygnorum</i>	<i>Cyathochaeta avenacea</i>
<i>Agrostocrinum hirsutum</i>	<i>Dasygordon bromeliifolius</i>
<i>Allocasuarina humilis</i>	<i>Daviesia decurrens</i>
<i>Anigozanthos manglesii</i>	<i>Daviesia preissii</i>
<i>Austrostipa/Austrodanthonia</i> spp.	<i>Eucalyptus lane-poolei</i>
<i>Baeckea camphorosmae</i>	<i>Eucalyptus marginata</i>
<i>Banksia menziesii?</i>	<i>Gastrolobium capitatum</i>
<i>Banksia nivea</i>	<i>Gompholobium capitatum</i>
<i>Banksia sessilis</i>	<i>Gompholobium marginatum</i>
<i>Banksia undata</i>	<i>Gompholobium tomentosum</i>
<i>Billardiera fraseri</i>	<i>Gonocarpus pithyoides</i>
<i>Calothamnus quadrifidus</i>	<i>Grevillea bipinnatifida</i>
<i>Cassytha</i> sp.	<i>Grevillea wilsonii</i>

<i>Haemodorum laxum</i>	<i>Mesomelaena tetragona</i>
<i>Haemodorum spicatum</i>	<i>Microtis media</i>
<i>Hakea lissocarpa</i>	<i>Neurachne alopecuroidea</i>
<i>Hakea prostrata</i>	<i>Nuytsia floribunda</i>
<i>Hakea ruscifolia</i>	<i>Patersonia occidentalis</i>
<i>Hakea stenocarpa</i>	<i>Pericalymma ellipticum</i>
<i>Hakea trifurcata</i>	<i>Phyllanthus calycinus</i>
<i>Hakea undulata</i>	<i>Pimelea</i> sp.
<i>Hakea varia</i>	<i>Ptilotus polystachyus</i>
<i>Hibbertia hypericoides</i>	<i>Regelia ciliata</i>
<i>Isopogon asper</i>	<i>Stirlingia latifolia</i>
<i>Jacksonia sternbergiana</i>	<i>Stylium repens</i>
<i>Kennedia coccinea</i>	<i>Synaphea</i> sp.
<i>Kennedia prostrata</i>	<i>Tetraaria octandra</i>
<i>Kingia australis</i>	<i>Thysanotus sparteus</i>
<i>Kunzea glabrescens</i>	<i>Tricoryne elatior</i>
<i>Lechenaultia biloba</i>	<i>Trymalium odoratissimum</i>
<i>Lepidosperma pubisquamum</i>	<i>Verticordia</i> sp.
<i>Lepidosperma striatum</i>	<i>Xanthorrhoea acanthostachya</i>
<i>Lomandra</i> sp.	<i>Xanthorrhoea gracilis</i>
<i>Meeboldina?</i>	<i>Xanthorrhoea preissii</i>
<i>Melaleuca</i> sp.	

Section 4 – Cardup Bridge

<i>Acacia pulchella</i>	<i>Eucalyptus rudis</i>
<i>Allocasuarina fraseriana</i>	<i>Hibbertia hypericoides</i>
<i>Billardiera fraseri</i>	<i>Lechenaultia biloba</i>
<i>Corymbia calophylla</i>	<i>Lepidosperma scabrum</i>
<i>Corymbia calophylla rosea</i>	<i>Mesomelaena tetragona</i>
<i>Cyathochaeta avenacea</i>	<i>Xanthorrhoea preissii</i>
<i>Darwinia citriodora</i>	

Section 5 – Cardup Siding Road north to Brickwood Reserve

<i>Acacia applanata</i>	<i>Darwinia citriodora</i>
<i>Acacia extensa</i>	<i>Dasygordon bromeliifolius</i>
<i>Acacia lasiocarpa</i>	<i>Daviesia preissii</i>
<i>Adenanthes meisneri</i>	<i>Desmocladus fasciculatus</i>
<i>Anigozanthos manglesii</i>	<i>Eucalyptus marginata</i>
<i>Astartea scoparia</i>	<i>Grevillea bipinnatifida</i>
<i>Austrostipa/Austrodanthonia</i> spp.	<i>Grevillea leptobotrys</i>
<i>Banksia nivea</i>	<i>Haemodorum laxum</i>
<i>Billardiera fraseri</i>	<i>Haemodorum spicatum</i>
<i>Casuarina obesa</i>	<i>Hakea ceratophylla</i>
<i>Corymbia calophylla</i>	<i>Hakea incrassata</i>
<i>Cyathochaeta avenacea</i>	<i>Hakea prostrata</i>

<i>Hakea ruscifolia</i>	<i>Neurachne alopecuroidea</i>
<i>Hakea sulcata</i>	<i>Nuytsia floribunda</i>
<i>Hakea undulata</i>	<i>Patersonia occidentalis</i>
<i>Hakea varia</i>	<i>Pericalymma ellipticum</i>
<i>Hibbertia hypericoides</i>	<i>Sowerbaea laxiflora</i>
<i>Hypocalymma angustifolium</i>	<i>Stirlingia latifolia</i>
<i>Hypolaena exsulca</i>	<i>Synaphea sp.</i>
<i>Kingia australis</i>	<i>Tetragenia octandra</i>
<i>Lechenaultia biloba</i>	<i>Thysanotus sparteus</i>
<i>Loxocarya cinerea</i>	<i>Tricoryne elatior</i>
<i>Meeboldina?</i>	<i>Verticordia sp.</i>
<i>Melaleuca trichophylla</i>	<i>Viminaria juncea</i>
<i>Melaleuca viminea</i>	<i>Xanthorrhoea preissii</i>
<i>Mesomelaena tetragona</i>	

Section 6 – Parallel to Brickwood Reserve

<i>Acacia appianata</i>	<i>Hypolaena exsulca</i>
<i>Acacia lasiocarpa</i>	<i>Jacksonia sternbergiana</i>
<i>Acacia pulchella</i>	<i>Kennedia prostrata</i>
<i>Acacia saligna</i>	<i>Kingia australis</i>
<i>Adenanthes meisneri</i>	<i>Kunzea recurva</i>
<i>Agrostocrinum hirsutum</i>	<i>Lechenaultia biloba</i>
<i>Anigozanthos manglesii</i>	<i>Lepidosperma pubisquamatum</i>
<i>Anigozanthos viridis</i>	<i>Lepidosperma squamatum</i>
<i>Austrostipa/Austrodanthonia spp.</i>	<i>Lepidosperma striatum</i>
<i>Baeckea camphorosmae</i>	<i>Lomandra sp.</i>
<i>Banksia nivea</i>	<i>Loxocarya cinerea</i>
<i>Burchardia congesta</i>	<i>Meeboldina?</i>
<i>Calectasia grandiflora</i>	<i>Melaleuca viminea</i>
<i>Conostylis juncea</i>	<i>Mesomelaena tetragona</i>
<i>Corymbia calophylla</i>	<i>Neurachne alopecuroidea</i>
<i>Cyathochaeta avenacea</i>	<i>Nuytsia floribunda</i>
<i>Darwinia citriodora</i>	<i>Opercularia vaginata</i>
<i>Dasygordon bromeliifolius</i>	<i>Pericalymma ellipticum</i>
<i>Daviesia decurrens</i>	<i>Pimelea sp.</i>
<i>Daviesia physodes</i>	<i>Stirlingia latifolia</i>
<i>Desmocladus flexuosus</i>	<i>Synaphea sp.</i>
<i>Eucalyptus marginata</i>	<i>Tetragenia octandra</i>
<i>Gompholobium tomentosum</i>	<i>Thysanotus sparteus</i>
<i>Haemodorum laxum</i>	<i>Tricoryne elatior</i>
<i>Haemodorum simplex</i>	<i>Verticordia sp.</i>
<i>Haemodorum spicatum</i>	<i>Viminaria juncea</i>
<i>Hakea trifurcata</i>	<i>Xanthorrhoea acanthostachya</i>
<i>Hakea varia</i>	<i>Xanthorrhoea preissii</i>

Section 7 – Brickwood Reserve north to Abernethy Road

<i>Acacia lasiocarpa</i>	<i>Laxmannia squarrosa</i>
<i>Acacia pulchella</i>	<i>Lechenaultia biloba</i>
<i>Banksia nivea</i>	<i>Lepidosperma pubisquamum</i>
<i>Borya scirpoidea</i>	<i>Lomandra</i> sp.
<i>Calytrix angulata</i>	<i>Loxocarya cinerea</i>
<i>Conostylis aculeata</i>	<i>Macrozamia riedlei</i>
<i>Corymbia calophylla</i>	<i>Melaleuca lateritia</i>
<i>Corynotheca micrantha</i>	<i>Melaleuca viminea</i>
<i>Cyathochaeta avenacea</i>	<i>Mesomelaena tetragona</i>
<i>Daviesia physodes</i>	<i>Neurachne alopecuroidea</i>
<i>Desmocladus fasciculatus</i>	<i>Pericalymma ellipticum</i>
<i>Eucalyptus rufa</i>	<i>Pimelea</i> sp.
<i>Gompholobium tomentosum</i>	<i>Stirlingia latifolia</i>
<i>Grevillea bipinnatifida</i>	<i>Stylium repens</i>
<i>Grevillea wilsonii</i>	<i>Synaphea</i> sp.
<i>Haemodorum laxum</i>	<i>Tetrapanax octandra</i>
<i>Hakea ruscifolia</i>	<i>Themeda triandra</i>
<i>Hakea trifurcata</i>	<i>Tricoryne elatior</i>
<i>Hakea varia</i>	<i>Viminaria juncea</i>
<i>Hypocalymma angustifolium</i>	<i>Xanthorrhoea acanthostachya</i>
<i>Hypolaena exsulca</i>	<i>Xanthorrhoea preissii</i>
<i>Jacksonia sternbergiana</i>	<i>Xanthosia huegelii</i>
<i>Kennedia prostrata</i>	

WETLANDS

Wetland Types: palusplain, artificial channel

Natural Wetland Groups

Pinjarra Plain

Keysbrook (P.1)

Wetland Management Objectives: Multiple Use, and Resource Enhancement. Also possible DRF presence therefore may be Conservation (22.8ha), yet to be determined (DEP 1998)

Swan Coastal Plain Lakes EPP: none identified

THREATENED ECOLOGICAL COMMUNITIES

Critically Endangered (floristic community type 3a), Vulnerable (floristic community type 8)

SECTION 3: SPECIFIC SITE DETAIL

Landscape Features: vegetated wetland, vegetated uplands

Vegetation and Flora: limited survey (DEP 1996, DEP 1998, DEP 1999, Keighery, BJ, and Trudgen 1992)

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

Uplands: *Eucalyptus calophylla* Open Forest to Woodland

Wetlands: *Actinostrobus pyramidalis* and *Melaleuca* Tall Shrublands to Tall Open Scrub dominated by *Melaleuca viminea*, *Melaleuca lateriflora*, *Melaleuca uncinata*, *Melaleuca lateritia* and combinations of these; Closed to Open Heath dominated by *Kunzea recurva*, *Regelia ciliata* and *Pericalymma ellipticum*; Open Low Heath to Low Shrubland dominated by *Verticordia plumosa* var. *pleiobotrya* or *Baeckea tenuifolia*; Herblands dominated by *Borya* species, *Tribonanthus* species, *Stylium* species and others in combination; Sedgelands dominated by *Chaetantherus aristatus*, *M. cana* and *M. coangustata* or combinations of these; *Lepidosperma longitudinale* Sedgeland; *Baumea juncea* Sedgeland

Scattered Native Plants: *Eucalyptus calophylla* Open Forest to Woodland, *Casuarina obesa* Low Open Woodland — regionally significant vegetation recognised as being included in the area of Site in need of protection

Vegetation Condition: >50% Good, <50 % Degraded, with areas of severe localised disturbance

Total Flora: not known

Significant Flora: *Verticordia plumosa* var. *pleiobotrya* (R), *Eryngium subdecumbens* ms (1), *Baeckea tenuifolia* (3)

Fauna: not known

Linkage: no adjacent bushland; part of Greenways 62, 114 (Tingay, Alan & Associates 1998a)

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, Diversity, Rarity, General criteria for the protection of wetland, streamline and estuarine fringing vegetation and coastal vegetation

Recommendation: Rural Complementary Mechanism (see Table 3, Volume 1).

BYFORD TO SERPENTINE RAIL/ROAD RESERVES AND ADJACENT BUSHLAND

Boundary Definition: management boundary (Areas of bushland within the boundaries of the Site are not accurately mapped. The boundary has been drawn to include any unmapped bushland.)

SECTION 1: LOCATION INFORMATION

Bush Forever Site no. 350, 365, 375 **Area (ha):** bushland 33.1

Map no. 67, 73, 78

Map sheet series ref. no. 2033-I SE, 2033-II NE, 2133-IV SW

Other Names: Site includes Bella Cumming Reserve, Paul Robinson Park and Lambkin Reserve

Local Authorities (Suburb): Shire of Serpentine-Jarrahdale (Byford, Mundijong, Serpentine)

Includes CALM Managed Land: Reserve 32352 (Preservation of Flora)

SECTION 2: REGIONAL INFORMATION

LANDFORMS AND SOILS

Foothills

Part B DESCRIPTIONS

Colluvial Deposits (Qc: Csg)

Pinjarra Plain

Guildford Formation (Qpa: Cs) (Qha: Msc1)

Alluvial/Colluvial Deposits (Qpo: FS1)

Bassendean Dunes

Bassendean Sands (Qpb: S8)

Bassendean Dunes/Pinjarra Plain

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

Wetlands (within the Bassendean Dunes/Pinjarra Plain)

Holocene Swamp Deposits (Qhw: Spc)

VEGETATION AND FLORA

Vegetation Complexes

Foothills

Forrestfield Complex (Ridge Hill Shelf, Darling Plateau)

Pinjarra Plain

Guildford Complex

Beermullah Complex (unmapped bushland, most southern occurrence)

Floristic Community Types *not sampled, types inferred

Supergroup 1: Foothills/Pinjarra Plain

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

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

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

Supergroup 2: Seasonal Wetlands

*2 Southern wet shrublands

*8 Herb-rich shrublands in clay pans

*9 Dense shrublands on clay flats

*10a Shrublands on dry clay flats

Supergroup 3: Uplands centred on Bassendean Dunes and Dandaragan Plateau

*20b Eastern *Banksia attenuata* and/or *Eucalyptus marginata* woodlands

WETLANDS

Wetland Types: dampland, palusplain, creek, artificial channel

Natural Wetland Groups

Pinjarra Plain

Keysbrook (P.1)

Bassendean—Pinjarra transition OR Bassendean with fluvial features

Bennett Brook (B/P.4)

Swan Coastal Plain Rivers

Goegrup (R.4)

Wetland Management Objectives: Conservation (58.7ha), Resource Enhancement, Multiple Use, not assessed

Swan Coastal Plain Lakes EPP: none identified

THREATENED COMMUNITIES

Critically Endangered (floristic community type 3a, 3c), Endangered (floristic community type 2, 10a, 20b),

Vulnerable (floristic community type 3b, 8, 9)

SECTION 3: SPECIFIC SITE DETAIL (Site described in parts)

Soldiers Road (Sites 350, 365 — road and rail reserve from Byford to Serpentine)

Landscape Features: vegetated wetland, creek, vegetated uplands

Vegetation and Flora: detailed survey (part Site — Keighery, BJ, 1996c (Byford to Mundijong))

Structural Units: mapping (part Site — Keighery, BJ, 1996c (Byford to Mundijong))

Uplands: *Eucalyptus calophylla* Forest to Woodland; *Eucalyptus marginata* subsp. *elegantella*, *E. calophylla* and *E. lance-poolei* Low Forest to Woodland; *Eucalyptus marginata* subsp. *elegantella*, *Banksia attenuata* and *B. menziesii* Woodland

Wetlands: *Eucalyptus rufa* Forest to Woodland; *Pericalymma ellipticum* Open Heath; mixed Open Heath; *Viminaria juncea* Tall Shrubland; *Melaleuca viminea*, *Melaleuca lateriflora* and *Viminaria juncea* Open Scrub

Scattered Native Plants: areas of canopy only or few scattered native plants — regionally significant vegetation recognised as being included in the area of Site in need of protection

Vegetation Condition: >50% Excellent to Very Good, <50% Good to Completely Degraded. with areas of severe localised disturbance (mapped in Keighery, BJ, 1996 from Byford to Mundijong)

Part B DESCRIPTIONS

Total Flora: 144 native taxa (Keighery, BJ, 1996c) (estimated >60% expected flora based on Byford to Mundijong area)

Significant Flora: *Eryngium pinnatifidum* subsp. *palustre* (2), *Anthotium junciforme* (4), *Drosera occidentalis* subsp. *occidentalis* (4), *Aristida ramosa* (1), *Eucalyptus marginata* subsp. *elegantella* (2)

Bella Cumming Reserve (part Site 350 in Mundijong Townsite)

Landscape Features: vegetated uplands

Vegetation and Flora: limited survey (Keighery, BJ, and Trudgen 1992); detailed survey (Keighery, BJ, 1996c)

Structural Units: mapping (Keighery, BJ, 1996c)

Uplands: *Eucalyptus marginata*, *Banksia attenuata*, *B. menziesii*, *B. grandis* and *Allocasuarina fraseriana*

Woodland to Open Woodland

Vegetation Condition: Excellent to Very Good (Keighery, BJ, 1996c)

Total Flora: 102 native taxa (Keighery, BJ, 1996c) (estimated 85% expected flora)

Significant Flora: none recorded

Lambkin Reserve and bushland in Paul Robinson Park/Serpentine Golf Course (Site 375)

Landscape Features: vegetated wetland, vegetated uplands

Vegetation and Flora: limited survey (DEP 1996 (xLamb 01), DEP 1998); detailed survey (Keighery, GJ, and

Keighery 1996)

Structural Units: mapping (Keighery, GJ, and Keighery 1996)

Uplands: *Eucalyptus marginata* subsp. *elegantella* and *E. calophylla* Woodland

Wetlands: *Melaleuca rhaphiophylla* Low Forest; *Kunzea recurva* and *Pericalymma ellipticum* Open to Closed

Low Heath; Hermland; Sedgeland

Vegetation Condition: >60% Very Good to Excellent, <40% Good to Degraded, with areas of severe localised disturbance

Total Flora: 136 native taxa (Keighery, GJ, and Keighery 1996) (>85% expected flora)

Significant Flora: *Tetragonia australiensis* (R), *Eucalyptus marginata* subsp. *elegantella* (2), *Actinostrobus acuminatus*, *Epaltes australis*, *Lomandra sonderi*

Fauna: Significant mammal species: Quenda (Friend 1996 D)

Linkage: adjacent bushland to the east (Sites 361, 354, 362 and 371) and west (Sites 321, 352 and 371); part of Greenways 61, 62, 63, 64, 65, 66, 106 (Tingay, Alan & Associates 1998a); Sites 350 and 365 are part of a

regionally significant fragmented bushland/wetland linkage (Part A, Map 7)
Other Special Attributes: Soldiers Road recognised as an important flora road by the Shire of Serpentine-Jarrahdale (Shire of Serpentine-Jarrahdale 1992, Keighery, BJ, 1996c); contains a north-south transect of 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, General criteria for the protection of wetland, streamline and estuarine fringing vegetation and coastal vegetation

Recommendation:

Site 350 Part A: Site with Some Existing Protection; Existing Parks and Recreation Reserve. Part B: Local Reserve Mechanism. Part C: Major Road and Rail Reserve Mechanism; MRWA Road Reserve (design and management) (see Table 3, Volume 1).

Site 365 Part A: Local Reserve Mechanism. Part B: Rural Complementary Mechanism (see Table 3, Volume 1).

Site 375 Part A: Site with Some Existing Protection; Existing Parks and Recreation Reserve. Part B: Major Road and Rail Reserve Mechanism; MRWA Road Reserve (design and management) (see Table 3, Volume 1).

BRICKWOOD RESERVE AND ADJACENT BUSHLAND, BYFORD

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

SECTION 1:

Bush Forever Site no. 321

Map no. 67

Other Names: Location 10 (Keighery, BJ, and Trudgen 1992)

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

Area (ha): bushland 44.9
Map sheet series ref. no. 2033-I SE, 2133-IV SW

