

SOUTH COAST REGION

RESERVES INFORMATION SYSTEM

MPU LIBRARY

2.174

CAV

COMPILED 1986

BY

M. CAVANA

B. G. MUIR

S. A. MOORE



DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

BACKGROUND

The South Coast Region is one of the 11 administrative regions of CALM and stretches from the Irwin Inlet in the west, to Eucla on the Western Australian/South Australian border in the east. The Region encompasses 13 national parks, 139 nature reserves and 7 timber reserves.

Draft reserve data sheets were field tested on nature reserves near Albany in January 1986. After several revisions of the data sheet format, the reserves of the South Coast Region were surveyed over several field trips conducted in February, March, April, May and October of 1986. As much information as possible was extracted from departmental files prior to the field visits. No field surveys were undertaken in the national parks.

Reserve information was collected through visual assessment on the ground. Data sheets were formatted to minimise subjective assessments on behalf of the field officers. When access was possible, the whole reserve was traversed and simultaneously mapped or sketched. When access to or within a reserve was not possible data was extrapolated from the boundaries of the reserve and/or from visual interpretation from a high point e.g. mountains, monadnocks. Survey times varied with each reserve although most were covered in under half a day.

Dieback sampling was conducted on several (not all) reserves and analysed at CALM Dwellingup Research. Those reserves with confirmed presence of dieback yielded positive results in the analysis.

USING THIS SYSTEM

The system has been divided into two sections. The first is a listing of reserves ordered by Shire and purpose for both the Albany and Esperance districts. It is essentially used for quick referencing of reserve name, purpose, vesting and area.

The second section is a detailed account of reserve information as combined from file data and field surveys. It is ordered by reserve number. Most of the interpretation is straightforward, however specific points to note are:

1. Vegetation
 - i) Canopy covers are expressed as a percentage.
 - ii) Soil textures are abbreviated forms of sands, sandy loams, loams, clay loams, light clays and medium to heavy clays.
2. Dieback/Fire
 - i) Fire barriers are expressed as partial (p) or complete (c). Thus a complete peripheral break is represented as cp, a partial buffer break as pb etc.
 - ii) Fire age has been divided into 4 groups; 0-5 years, 5-10 years, 10-20 years and 20+ years. If an exact age is known, it is shown under 'General Comments'

Any queries regarding reserve data should be directed to Matthew Cavana or Susan Moore at CALM, Planning Branch.

LIST OF RESERVES

ORDERED ACCORDING TO C.A.L.M. DISTRICTS

AND SHIRES

CALM NATIONAL PARKS AND RESERVES
in the
ALBANY DISTRICT

SHIRE	RESERVE NUMBER	RESERVE NAME	PURPOSE	VESTING	AREA (hectares)
Albany	A24258	TORNDIRUP NATIONAL PARK	National Park + Recreation	NP/PCA	3864.0000
Albany	A26650	HASSELL NATIONAL PARK	National Park	NP/PCA	1264.0000
Denmark	A24482	WILLIAM BAY NATIONAL PARK	National Park	NP/PCA	1902.0000
J'munrup+R'thorpe	A31737	FITZGERALD RIVER NATIONAL PARK	National Park	NP/PCA	242803.0000
P'kenet.C'brook	A14792	STIRLING RANGE NATIONAL PARK	National Park	NP/PCA	115671.0000
Plantarenet	A18987	FORONGORUP NATIONAL PARK	National Park	NP/PCA	2511.0000
Albany	A 619	Phillips Brook Nature Reserve	Conservation of Flora and Fauna	NP/PCA	48.5600
Albany	A 6862		Protection of Boronia	Unvested	45.5094
Albany	A15107	Lake Pleasant View Nature Reserve	Water + Cons. of Flora and Fauna	NP/PCA	267.0920
Albany	A18739	Millbrook Nature Reserve	Conservation of Flora and Fauna	NP/PCA	1497.3360
Albany	A27956	Two Peoples Bay Nature Reserve	Conservation of Fauna	NP/PCA	4642.7000
Albany	A28690	West Mt. Mason Nature Reserve	Conservation of Flora and Fauna	Unvested	8.8424
Albany	C 1998	Gledhow Nature Reserve	Camping + Conservation of Flora	Unvested	37.6409
Albany	C 5205		Preservation of Native Flora	Unvested	3.6599
Albany	C16136		Conservation of Flora and Fauna	NP/PCA	15.7770
Albany	C18772		Conservation of Flora and Fauna	NP/PCA	192.6304
Albany	C22058		Conservation of Flora and Fauna	NP/PCA	17.1106
Albany	C23923		Conservation of Flora and Fauna	NP/PCA	40.4686
Albany	C24891	Marbelup Nature Reserve	Conservation of Flora and Fauna	Unvested	40.4686
Albany	C25809	Lake Powell Nature Reserve	Conservation of Flora and Fauna	NP/PCA	103.6680
Albany	C26234	Tinkeleup Nature Reserve	Conservation of Flora and Fauna	NP/PCA	192.0100
Albany	C26385	North Sister Nature Reserve	Conservation of Flora and Fauna	NP/PCA	575.5180
Albany	C26564		Conservation of Flora and Fauna	NP/PCA	1007.6900
Albany	C26688	South Stirling Nature Reserve	Conservation of Flora and Fauna	NP/PCA	9.7909
Albany	C26894	Metler Lake Nature Reserve	Conservation of Flora and Fauna	NP/PCA	1710.4800
Albany	C27139	South Sister Nature Reserve	Conservation of Flora and Fauna	NP/PCA	402.0000
Albany	C27157	Cheyne Road Nature Reserve	Conservation of Flora and Fauna	NP/PCA	338.3170
Albany	C28689		Conservation of Flora and Fauna	NP/PCA	367.4546
Albany	C29128	Basil Road Nature Reserve	Conservation of Flora and Fauna	NP/PCA	192.5280
Albany	C30463	Bakers Junction Nature Reserve	Conservation of Flora and Fauna	NP/PCA	1162.2200
Albany	C30469		Conservation of Flora and Fauna	NP/PCA	1090.1300
Albany	C30791		Conservation of Flora and Fauna	NP/PCA	10.3792
Albany	C36028	Mount Many Peaks Nature Reserve	Conservation of Flora and Fauna	Unvested	2.6709
Albany	C36550		Conservation of Flora and Fauna	NP/PCA	1328.0900
Albany	C36719	Arpenteur Nature Reserve	Conservation of Flora and Fauna	NP/PCA	174.0938
Crabbrook	A25812	Salt Lake Nature Reserve	Conservation of Flora and Fauna	NP/PCA	88.9441
Crabbrook	A26160	Jebariup Nature Reserve	Conservation of Flora and Fauna	NP/PCA	151.1956
Crabbrook	A26161	Camel Lake Nature Reserve	Conservation of Flora and Fauna	NP/PCA	1015.5600
Crabbrook	A30774	Tenterden Nature Reserve	Conservation of Flora and Fauna	NP/PCA	3214.8200
Crabbrook	C18468	Balicup Lake Nature Reserve	Conservation of Flora and Fauna	NP/PCA	80.9371
Denmark	C20381	Mehinup Nature Reserve	Conservation of Flora and Fauna	NP/PCA	687.1180
Denmark	C23120		Conservation of Flora and Fauna	NP/PCA	285.2697
Denmark	C33842	Quarram Nature Reserve	Conservation of Flora and Fauna	NP/PCA	38.4350
Gnowangerup	C15756	Toompup Nature Reserve	Conservation of Flora and Fauna	NP/PCA	3825.4100
Gnowangerup	C17298		Conservation of Flora and Fauna	Unvested	209.4740
Gnowangerup	C26264		Conservation of Flora and Fauna	NP/PCA	251.4000
Gnowangerup	C26792		Conservation of Flora and Fauna	NP/PCA	768.1840
Jerramunrup	A26793	Corackerup Nature Reserve	Conservation of Flora and Fauna	NP/PCA	1038.8600
Jerramunrup	A28687		Conservation of Flora and Fauna	NP/PCA	4333.9800
					424.4970

Jerramungup
 Plantagenet
 Plantagenet
 Plantagenet
 Plantagenet
 Plantagenet
 Ravensthorpe
 Ravensthorpe
 Ravensthorpe
 Ravensthorpe
 Albany
 Albany
 Ravensthorpe
 *** Total ***

C14039
 A10003
 A25386
 A25583
 C15775
 C25965
 C26662
 C31424
 C31425
 C31881
 24000
 217/25
 C30795

Chillinup Nature Reserve

Long Creek Nature Reserve.

Cocanarup Timber Reserve.

Conservation of Flora and Fauna
 Protection of Boronia
 Conservation of Indigenous Flora
 Conservation of Flora and Fauna
 Drainage + Conservation of Flora
 Conservation of Flora
 Cons. Flora + Rest. Place for Trav
 Conservation of Flora and Fauna
 Conservation of Flora and Fauna
 Conservation of Flora and Fauna
 Timber and Firewood
 Timber
 Timber

NPNC
 Unvested
 NPNC
 NPNC
 NPNC
 Unvested
 Unvested
 Unvested
 NPNC
 NPNC
 NPNC
 NPNC
 Unvested
 Unvested
 Unvested

622.4980
 105.6230
 329.7100
 52.1893
 60.7028
 27.1139
 106.4980
 2936.3740
 250.7600
 322.0860
 55.6651
 19.7790
 8853.1427

413655.5839

CALM NATIONAL PARKS AND RESERVES in the ESPERANCE DISTRICT

SHIRE	RESERVE NUMBER	RESERVE NAME	PURPOSE	VESTING	AREA (hectares)
Dundas	A36205	EUCALA NATIONAL PARK	National Park + Pres. of Hist. Sites	NP/NC	3341.6600
Dundas	C36004	PEAK CHARLES NATIONAL PARK	Water + National Park	NP/NC	3959.0000
Dundas + R'thorpe	C27023	FRANK HANN NATIONAL PARK	National Park	NP/NC	61420.0000
Esperance	A22795	CAPE LE GRAND NATIONAL PARK	National Park	NP/NC	31390.0000
Esperance	A24047	CAPE ARID NATIONAL PARK - northern	National Park + Water	NP/NC	279415.0000
Esperance	A24047	CAPE ARID NATIONAL PARK - southern	National Park + Water	NP/NC	279415.0000
Esperance	A32590	STOKES NATIONAL PARK	National Park	NP/NC	9493.0000
Dundas	C33113		Conservation of Flora and Fauna	NP/NC	8859.5500
Dundas	C33501		Conservation of Flora and Fauna	NP/NC	203.4060
Dundas	C36608		Conservation of Flora and Fauna	NP/NC	80.6128
Esperance	A15231	Woody Lake Nature Reserve	Recreation + Cons. of Flora & Fauna	NP/NC	564.9750
Esperance	A23825	Mullet Lake Nature Reserve	Conservation of Flora and Fauna	NP/NC	1917.4000
Esperance	A31197		Recreation + Cons. of Flora & Fauna	NP/NC	16.0508
Esperance	A32257		Water + Cons. of Flora and Fauna	NP/NC	709.7000
Esperance	A32419		Conservation of Flora and Fauna	NP/NC	792.4290
Esperance	C 3042		Conservation of Flora and Fauna	NP/NC	121.4050
Esperance	C 8019	Swan Lagoon Reserve	Conservation of Flora and Fauna	NP/NC	346.6530
Esperance	C16801		Conservation of Flora and Fauna	NP/NC	194.0880
Esperance	C19628		Conservation of Flora	NP/NC	57.0881
Esperance	C24486	Esperance Water Reserve	Conservation of Flora and Fauna	Unvested	12622.8000
Esperance	C24511	Pink Lake Nature Reserve	Conservation of Flora	Unvested	181.1363
Esperance	C24953		Conservation of Flora	Unvested	42.5173
Esperance	C26410		Conservation of Flora	NP/NC	150.1090
Esperance	C26885		Conservation of Flora and Fauna	Unvested	5199.5054
Esperance	C26885		Conservation of Flora	Unvested	5199.5054
Esperance	C26893		Conservation of Flora	Unvested	648.5850
Esperance	C27086		Conservation of Flora	Unvested	807.0570
Esperance	C27087		Conservation of Flora	Unvested	37.7142
Esperance	C27354		Conservation of Flora	NP/NC	215.5580
Esperance	C27384		Conservation of Flora and Fauna	NP/NC	604.7320
Esperance	C27385		Water + Cons. of Flora and Fauna	NP/NC	70.6581
Esperance	C27386		Conservation of Flora and Fauna	NP/NC	1419.0300
Esperance	C27387		Conservation of Flora and Fauna	NP/NC	812.2040
Esperance	C27388		Conservation of Flora and Fauna	NP/NC	4467.1200
Esperance	C27768		Conservation of Flora and Fauna	NP/NC	1105.9400
Esperance	C27888		Conservation of Flora	Unvested	4341.2427
Esperance	C27985		Conservation of Flora and Fauna	NP/NC	6065.8120
Esperance	C28300		Conservation of Flora and Fauna	NP/NC	393.0940
Esperance	C28846		Conservation of Flora and Fauna	NP/NC	56.0236
Esperance	C29012		Conservation of Flora and Fauna	NP/NC	1403.5200
Esperance	C29680		Conservation of Flora and Fauna	NP/NC	5417.6800
Esperance	C30583		Conservation of Flora and Fauna	NP/NC	5417.6800
Esperance	C30583		Pres. Natural Veg. & Ocean F' shore.	NP/NC	704.7530
Esperance	C30672		Conservation of Flora	Unvested	19.3918
Esperance	C31313		Conservation of Flora and Fauna	NP/NC	1179.3800
Esperance	C31742		Conservation of Flora and Fauna	NP/NC	95.6854
Esperance	C31743		Conservation of Flora and Fauna	NP/NC	288.3030
Esperance	C31744		Conservation of Flora and Fauna	NP/NC	

--western section--
--eastern section--

----- coastal section -----
----- inland section -----

Esperance	C31745	Conservation of Flora and Fauna	Unvested	87.4576
Esperance	C31799	Conservation of Flora and Fauna	NPNC	3617.5300
Esperance	C32128	Conservation of Flora and Fauna	NPNC	444.5440
Esperance	C32129	Conservation of Flora and Fauna	NPNC	1751.5680
Esperance	C32130	Conservation of Flora and Fauna	NPNC	2480.5400
Esperance	C32131	Conservation of Flora and Fauna	NPNC	1057.6500
Esperance	C32776	Conservation of Flora and Fauna	NPNC	4732.1000
Esperance	C32777	Conservation of Flora and Fauna	NPNC	8550.7700
Esperance	C32779	Conservation of Flora and Fauna	NPNC	1045.7700
Esperance	C32780	Conservation of Flora and Fauna	NPNC	1485.0700
Esperance	C32782	Water + Cons. of Flora and Fauna	NPNC	609.7520
Esperance	C32783	Conservation of Flora and Fauna	NPNC	7082.1300
Esperance	C32784	Conservation of Flora and Fauna	NPNC	1708.9400
Esperance	C32800	Conservation of Flora and Fauna	NPNC	20.2647
Esperance	C36659	Conservation of Flora and Fauna	Unvested	1048.8931
Esperance	C36183	Conservation of Flora and Fauna	NPNC	357.5290
Esperance	C38334	Conservation of Flora and Fauna	NPNC	407.8170
Esperance	C38544	Conservation of Flora and Fauna	NPNC	839.0240
Esperance	C38545	Conservation of Flora and Fauna	NPNC	1670.5000
Esperance+R'thorpe	C32339	Conservation of Flora and Fauna	NPNC	10517.0000
Ravensthorpe	A31754	Conservation of Flora and Fauna	NPNC	6813.0000
Ravensthorpe	C27177	Conservation of Flora and Fauna	Unvested	20.6390
Ravensthorpe	C27525	Conservation of Flora and Fauna	NPNC	430.8960
Ravensthorpe	C28286	Preservation of Natural Vegetation	Unvested	450.8198
Ravensthorpe	C29184	Conservation of Flora and Fauna	NPNC	1309.3100
Ravensthorpe	C31128	Water + Cons. of Flora and Fauna	NPNC	2170.1900
Ravensthorpe	C31755	Conservation of Flora and Fauna	NPNC	824.5620
Dundas	197/25	Timber	LFC	3750.0000
Esperance	23527	Forestry Purposes	C of For	3747.9200
*** Total ***				846372.0015

Lake Shaster Nature Reserve
 Cheadanup Nature Reserve
 Overshot Hill Nature Reserve
 Jerdacuttup River Reserve
 Kundip Nature Reserve
 East Naemup Nature Reserve
 Brockway Timber Reserve
 Helm's Arboretum

RESERVE INFORMATION

LISTED BY RESERVE NUMBER

STATUS

Area (ha): 3758.8888
 Purpose : Timber
 Vesting : LFC
 Shire : Dundas
 CML File No : FD 18/76
 Public Plan: 1 : 1 mile, 358/88

Reserve Number : 197/25

Name : Brockway Timber Reserve

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : All
 Other Diseases :
 Fire Barriers : pp,pi,pr
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 28+ yrs

ABIGOTIC

HISTORIC

Topographic Code : Steep low hills
 Spectral Topo Features : Rocky slopes
 Geological Substrate : Greenstone, calcicrete.
 Spectral Geol Features : Dykes/sills
 Surface Hydrology : Ephemeral streams
 Comments : Rocky slopes, gold mines.

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : Other
 Estimated Site Value : Low
 Details : Many gold mines and associated mining junk.

VEGETATION

Most Abundant Formation :
 Second Abundant Formation :

Dominant Species : Eucalyptus spp.
 Codominant Species :
 Formation Type : Woodland
 Canopy Cover U/S : 50
 Height U/S : 16.8
 Canopy Cover B/L : 5
 Height B/L : 2.8
 Soil Colour : Red
 Soil Texture : MC
 Percentage Reserve : 59
 Soil Representation: High
 Comments : Various species of Eucalypt woodland.

ACCESS :
 Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 22.8
 Perimeter Abutting
 Uncleared Land (km) : 22.8
 Uncleared Land Within
 1 km of Boundary (ha): 2288
 Percentage Adjoining
 Privy,Prop + Fenced : 8
 Fence Stockproof :

FLORA

USAGE

Level of Knowledge : No data
 Floristic Richness : Moderate
 Gazetted Rare Species: None recorded.
 Weed Species :
 Percentage of Reserve : 0.88

Significant Recreation Site: Yes
 Recreation Details : Camping, trail bikes, fossicking.
 Research Projects : No
 Research Details :

FAUNA

Facilities Available : None
 Signposting Adequate : Yes
 Condition of Signs : New

DISTURBANCE

Level of Knowledge : No data
 Gazetted Rare Species: None recorded.
 Nest Hollows Abundant : Yes

GENERAL COMMENTS

Historical Disturbances : Timber cutting, borrow pits,Rubbish dumps
 Current Disturbances : Tracks, timber cutting,borrow pits, rubbish dumps
 Regeneration of B/Pits : No
 Comments : Mining activity everywhere including new costeans.

Age of vege 28+ yrs. Possible illegal mining exploration. Abundant uncleared land surrounds reserve.

Reserve Number : 217/25 Name :

STATUS

Area (ha): 19.7790
Purpose : Timber
Vesting : Unvested
Shire : Albany
CALM File No : FD 33973
Public Plan: Torbay N.W. 1:25,000 457A/40 A1
Lat/Long : 35 02S, 117 34E
File Officer : M.Cavana
File Date : 15/10/86
Field Officer: B.Muir + M.Cavana
Field Date : 21/10/86

ABIOTIC

Topographic Code : Steep hills
Special Top Features :
Geological Substrate : Dolerite
Special Soil Features :
Surface Hydrology :
Comments :

VEGETATION

Most Abundant Formation
Dominant Species : Eucalyptus diversicolor
Codominant Species :
Formation Type : Woodland
Canopy Cover U/S : 50
Height U/S : 35.0
Canopy Cover B/L : 95
Height B/L : 3.0
Soil Colour : Red
Soil Texture : hc
Percentage Reserve : 95
Soil Representation: High
Comments : Second most abundant is regrowth following clearing.

FLORA

Level of Knowledge : Anecdotal records
Floristic Richness : Moderate
Gazetted Rare Species : None recorded.
Weed Species : Polygonum sp.
Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : No data
Gazetted Rare Species : None recorded.
Nest Hollows Abundant : Yes

GENERAL COMMENTS

Age of vege ca.13 yrs. Good karri stand on deep dolerite soils. Rich and typical understory.

SIEBACK / FIRE

Dieback Presence : No evidence
Position in Landscape : High
Other Diseases :
Fire Barriers : pp
Trafficable Firebreaks: Yes
Need Maintenance : Yes
Age of Vegetation : 10-20 yrs

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

ACCESS

Access To Boundary : Limited
Access Within Reserve : Nil
Perimeter Length (km) : 1.8
Perimeter Abutting
Uncleared Land (km) : 0.0
Uncleared Land Within
1 km of Boundary (ha): 0
Percentage Adjoining
Priv.Prop + Fenced : 25
Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
Recreation Details : No access.
Research Projects : No
Research Details :
Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Part cleared
Current Disturbances :
Regeneration of B/Pits :
Comments : Three ha. cleared for vineyards.

STATUS

Area (ha): 48.568
 Purpose : Conservation of Flora and Fauna
 Vesting : NPNGA
 Shire : Albany
 CALM File No : F&W 873/76
 Public Plant: Oyster Harbour 1:50,000 2428-11

Lat/Long : 34 53S, 117 46E
 File Officer : A. Williams
 File Date : 07/03/86
 Field Officer: A. Williams
 Field Date : 01/04/86

Reserve Number : A 619 Name : Phillips Brook Nature Reserve

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : No f/break
 Trafficable Firebreaks:
 Need Maintenance :
 Age of Vegetation : 18-28 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details : Historical picking of *Banksia occidentalis* flowers.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 3.8
 Perimeter Abutting
 Uncleared Land (km) : 0.8
 Uncleared Land Within
 1 km of Boundary (ha): 0
 Percentage Adjoining
 Priv.Prop + Fenced : 100
 Fence Stockproof : Yes

VEGETATION

Most Abundant Formation	Second Abundant Formation
Dominant Species : <i>Allocasuarina fraseriana</i>	<i>Callistemon spectosus</i>
Codominant Species : <i>Eucalyptus marginata</i>	<i>Hakea</i> sp.
Formation Type : Woodland	Shrubland
Canopy Cover U/S : 35	90
Height U/S : 15.0	1.0
Canopy Cover G/L : 70	0
Height G/L : 1.5	0.8
Soil Colour : White	Brown
Soil Texture : c5	ac
Percentage Reserve : 60	20
Soil Representation: High	
Comments : Second most abundant formation is winter wet heath/sedge/land with <i>Banksia occidentalis</i> also represented.	

FLORA

Level of Knowledge : Species lists
 Floristic Richness : Moderate
 Bazelated Rare Species : None. Res. contains Albany Pitcher Plant (*Utricularia foliolaris*)
 Weed Species : Kikuyu grass and introduced garden plant, *Psoralea pinnata*
 Percentage of Reserve : 0.80

FAUNA

Level of Knowledge : Anecdotal records
 Bazelated Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Historical picking of *Banksia occidentalis* flowers recorded on file. No firebreaks exist. Age of vege 18-12 yrs. Reserve has some rubbish in the NW section.

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence of recreational activity.
 Research Projects : No
 Research Details : None

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Tracks
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : Some rubbish in N.W. section.

STATUS

Area (ha): 37.6489
 Purpose : Camping + Conservation of Flora
 Vesting : Unvested
 Shire : Albany
 CALM File No : F&M 898/76
 Public Plan: Redmond, 1:50,000 2428-111

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pr
 Trafficable Firebreaks: No
 Need Maintenance : Yes
 Age of Vegetation : 5-10 yrs

ABIOTIC

Topographic Code : Rolling low hills
 Special Top Features: Monadnocks
 Geological Substrate : Gneiss, Laterite
 Special Geol Features :
 Surface Hydrology : Freshwater swamp
 Comments : Freshwater swamp.

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus marginata
 Codominant Species : Eucalyptus calophylla
 Formation Type : Woodland
 Canopy Cover U/S : 50
 Height U/S : 12.8
 Canopy Cover S/L : 78
 Height S/L : 2.8
 Soil Colour : White
 Soil Texture : s
 Percentage Reserve : 98
 Soil Representations: Moderate
 Comments : Small patch Allocasuarina fraseriana. Lithic complex with Lhotskya?

FLORA

Level of Knowledge : No data
 Floristic Richness : Low
 Gazetted Rare Species : None recorded.
 Weed Species : Abundant in disturbed areas.
 Percentage of Reserve : 18.88

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 5-10 yrs. Hunwick North Rd. drains into reserve - possible dieback on drain lines. Recommend section south of road be released to Shire. Semi-aquatic weeds uncontrollable. Reserve needs major rehabilitation. Mining claim rejected.

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 2.6
 Perimeter Abutting
 Uncleared Land (km) : 0.8
 Uncleared Land Within
 1 km of Boundary (km) : 0
 Percentage Adjoining
 Priv.Prop + Fenced : 50
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : Poor access, much disturbed.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Tracks, borrow pits; Rubbish dumps
 Regeneration of B/Pits : No
 Comments : Area badly damaged with borrow pits, car bodies, rubbish, carcasses.

STATUS

Area (ha): 121.4050
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Esperance
 CALM File No : FEM 684/80
 Public Plan: 1 : 1 scale, 482/88

Reserve Number : C 3842 Name :

DIEBACK / FIRE

Dieback Presence : Uninterpretable
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pp
 Trafficable Firebreaks: Yes
 Weed Maintenance : No
 Age of Vegetation : 5-18 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Nil
 Access Within Reserve : Nil
 Perimeter Length (km) : 3.2
 Perimeter Abutting
 Uncleared Land (km) : 0.8
 Uncleared Land Within
 1 km of Boundary (ha) : 0
 Percentage Adjoining
 Priv. Prop + Fenced : 50
 Fence Stockproof : No

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : No
 Research Details :

Facilities Available : None
 Stomping Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : 20m strip on E boundary now regenerating.

ABIOITIC
 Topographic Code : Gently undulating plain
 Special Topo Features :
 Geological Substrate : Not known.
 Special Geol Features :
 Surface Hydrology :
 Comments :

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus scryphocalyx
 Codominant Species : Eucalyptus redunca
 Formation Type : Mallee
 Canopy Cover U/S : 30
 Height U/S : 1.8
 Canopy Cover B/L : 40
 Height B/L : 8.5
 Soil Colour : Brown
 Soil Texture : 1fsv
 Percentage Reserve : 85
 Soil Representation: High
 Comments : Recent fire has reduced this association to low shrub mallee + low heath. Only reserve in area in which Euc. forrestiana ssp dolichorachna was recorded

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : High
 Gazetted Rare Species : Eucalyptus forrestiana ssp. dolichorachna
 Weed Species : Brassica tournefortii and several exotic pasture species.
 Percentage of Reserve : 0.81

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded
 Nest Hollows Abundant : No

GENERAL COMMENTS

Firebreak only on the E boundary. A 20m strip along the E boundary chained - is now regenerating. Age of vege 6 yrs. This reserve can only be reached through private land.

STATUS

Area (ha) : 3.6599
 Purpose : Preservation of Native Flora
 Vesting : Unvested
 Shire : Albany
 CALM File No : FLM 988/76
 Public Plan: Albany, 1:2,000 26/08/86

Lat/Long : 35 01S, 117 50E
 File Officer : M.Cavana
 File Date : 11/09/86
 Field Officer: B.Muir + M.Cavana
 Field Date : 21/10/86

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pp
 Trafficable Firebreaks: Yes
 Need Maintenance : No
 Age of Vegetation : 18-28 yrs

ABIGITIC

Topographic Code : Undulating plain
 Special Topo Features :
 Geological Substrate : Unknown
 Special Soil Features :
 Surface Hydrology : Permanent wetland
 Comments : Permanent wetland.

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Most Abundant Formation : Second Abundant Formation
 Dominant Species : Mixed spp.
 Codominant Species : Allocasuarina fraseriana
 Formation Type : Heath
 Canopy Cover U/S : 90
 Height U/S : 1.5
 Canopy Cover B/L : 99
 Height B/L : 8.5
 Soil Colour : Black
 Soil Texture : peat
 Percentage Reserve : 95
 Soil Representation: Poor
 Comments : Boronia (pink), Ficher Plant, Cosmelia rubra, Callistemon speciosus.

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded but contains Albany Pitcher Plant.
 Weed Species :
 Percentage of Reserve : 0.00

USAGE

Significant Recreation Site : No
 Recreation Details : No access, swampy.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : No sign of disturbance.

GENERAL COMMENTS

Age of vege 18-20+ yrs. Uncleared land to north is source of drainage for swamp. Any clearing would probably adversely affect hydrology. Drain from farmland on W boundary but limited weed encroachment.

STATUS

Area (ha): 45.5824
 Purpose : Protection of Bioronia
 Vesting : Unvested
 Shire : Albany
 CALM File No : FLM 986/76
 Public Plan: Oyster Harbour, 1:50,000 2428-11

Reserve Number : A 6862 Name :

ABIOITIC

Topographic Code : Level plain
 Special Topo Features : Beaches
 Geological Substrate :
 Special Geol Features : Fossil deposits
 Surface Hydrology : Permanent streams, salty marshes
 Comments : Salty stream, saline marshes.

VEGETATION

Most Abundant Formation	Second Abundant Formation
Dominant Species : <i>Agonis flexuosa</i>	<i>Metaleuca cutilicularis</i>
Formation Type : Shrubland	Woodland
Canopy Cover U/S : 5	30
Height U/S : 3.8	3.8
Canopy Cover S/L : 95	95
Height S/L : 1.8	0.5
Soil Colour : White	Yellowbrown
Soil Texture : s	mc
Percentage Reserve : 50	40
Soil Representation: Moderate	
Comments : Tidal flats with <i>Halosarcia</i> + <i>Scirpus</i> spp. and <i>M. cutilicularis</i> on edge	

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Low
 Gazetted Rare Species : None recorded.
 Weed Species : On road reserve and PMO treatment plant on SW corner.
 Percentage of Reserve : 1.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Fringing *Agonis* ca. 5 yrs old - rest never burnt. Recommend extending reserve to the south-west. Illegal dumping of weeds? Water treatment plant SW corner - where does effluent go to??

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pp, pp
 Trafficable Firebreaks: Yes
 Weed Maintenance : Yes
 Age of Vegetation : 0-5 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : limited
 Perimeter Length (km) : 1.3
 Perimeter Abutting
 Uncleared Land (ha) : 0.3
 Uncleared Land Within
 1 km of Boundary (ha): 30
 Percentage Adjoining
 Priv. Prop + Fenced : 0
 Fence Stockproof :

USAGE

Significant Recreation Site : No
 Recreation Details : Some evidence of trail bikes and horse riding.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : Yes
 Condition of Signs : Old

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Rubbish dumps
 Regeneration of B/Pits :
 Comments : Minor rubbish adjacent to houses.

Reserve Number : C 8819 Name : Swan Lagoon Reserve

STATUS

Area (ha) : 346.6538 Lat/Long : 33 17S, 121 38E
Purpose : Conservation of Flora and Fauna File Officer : A. Williams
Vesting : NPNCRA File Date : 16/04/86
Shire : Esperance Field Officer : A. Williams
CALM File No : FLM 857/81 Field Date : 05/05/86
Public Plan: 1 : 1 mile, 482/88

DIEBACK / FIRE

Dieback Presence : Suspected
Position in Landscape : Middle
Other Diseases :
Fire Barriers : pp, pr
Trafficable Firebreaks: No
Need Maintenance :
Age of Vegetation : 20+ yrs

ABIGIOTIC

Topographic Code : Undulating rises
Special Topo Features :
Geological Substrate : Granite
Special Geol Features :
Surface Hydrology : Seasonal swamp
Comments : Seasonal SWAMP.

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : Ruins
Estimated Site Value : Low
Details : Stone ruins are apparently an old Way Station (N.O. report)

VEGETATION

Most Abundant Formation
Dominant Species : Eucalyptus spp.
Codominant Species :
Formation Type : Mallee
Canopy Cover U/S : 18
Height U/S : 6.8
Canopy Cover G/L : 58
Height G/L : 8.5
Soil Colour : White
Soil Texture : cs
Percentage Reserve : 48
Soil Representation: High
Comments : Banksia media forms distinct mid-layer (2a, 38% cover). Other formations include Swamp Yate WL (12a, 68% cov) and mallees (3a, 55-68% cov).

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Moderate
Perimeter Length (km) : 7.6
Perimeter Abutting
Uncleared Land (km) : 0.5
Uncleared Land Within
1 km of Boundary (ha) : 58
Percentage Adjoining
Priv.Prop + Fenced : 100
Fence Stockproof : No

FLORA

Level of Knowledge : Anecdotal records
Floristic Richness : High
Gazetted Rare Species : None recorded.
Weed Species : Tumbleweed (Brassica tournfortii) and pasture grasses.
Percentage of Reserve : 0.01

USAGE

Significant Recreation Site : Yes
Recreation Details : Historic reasons only.
Research Projects : No
Research Details :

Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

FAUNA

Level of Knowledge : Anecdotal records
Gazetted Rare Species : None recorded.
Nest Hollows Abundant : No

DISTURBANCE

Historical Disturbances : Part cleared, tracks; timber cutting
Current Disturbances : Borrow pits, utilities
Regeneration of B/Pits : No
Comments : Extensive gravel mining, numerous excavations and timber removal.

GENERAL COMMENTS

No f/breaks - only bdry rd's. Age of vege 28 y. Fence not stock proof at S end of W bdy - blown sand covers it. Arrangement to allow Shire to mine res. being negotiated. Considerable prospecting activity to N and W of lagoon. No att
empt to regen. q/pits

STATUS

Area (ha) : 105.6238 Lat/Long : 34 40S, 117 42E
 Purpose : Protection of Boronia File Officer : M.Cavana
 Vesting : Unvested File Date : 17/09/86
 Shire : Plantagenet Field Officer: B.Nair + M.Cavana
 CALM File No : FM 931/76 Field Date : 20/10/86
 Public Plan: Mt. Barker, 1:50,000 2428-IV

ABIOTIC

Topographic Code : Undulating low hills
 Special Topo Features :
 Geological Substrate : Laterite
 Special Geol Features :
 Surface Hydrology : Epifaunal streams, seasonal swamps
 Comments : Seasonal swamps.

VEGETATION

Most Abundant Formation Second Abundant Formation
 Dominant Species : Eucalyptus marginata Melaleuca preissiana
 Codominant Species : Eucalyptus calophylla Melaleuca thamphophylla
 Formation Type : Woodland Woodland
 Canopy Cover U/S : 50 20
 Height U/S : 10.0 8.0
 Canopy Cover 6/L : 80 99
 Height 6/L : 1.8 1.8
 Soil Colour : Grey Yellowbrown
 Soil Texture : sl sc
 Percentage Reserve : 95 5
 Soil Representation: High
 Comments : Banksia littoralis in swamps. Unident. Grevillea.

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species : Kikuyu grass, Cape weed, Sonchus oleraceus, Pasture grasses.
 Percentage of Reserve : 0.10

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Southern half of res. burnt 1984- rest 5 yrs. Some rubbish encroachment from adjacent rubbish reserve. Inclusion of pth. of Loc. 4937 and 5966 into reserve approved on 01.08.86. Shire currently installing culvert and rerouting road through res. (Oct. 86)

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : no, ph, pr
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 0-5 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 5.3
 Perimeter Abutting :
 Uncleared Land (ha) : 3.7
 Uncleared Land Within :
 1 ha of Boundary (ha): 370
 Percentage Adjoining :
 Priv.Prop + Fenced : 30
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : Reserve adjacent to rubbish dump.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Timber cutting
 Current Disturbances : Borrow pits
 Regeneration of B/Pits :
 Comments : Borrow pit may be on road reserve.

Reserve Number : C14839 Name :

STATUS

Area (ha): 622.4880
Purpose : Conservation of Flora and Fauna
Vesting : NPNC
Shire : Jerramungup
CALM File No : FW 152/61
Public Plan: Jerramungup 1:50,000 2630-II

DIEBACK / FIRE

Dieback Presence : Uninterpretable
Position in Landscape : Middle
Other Diseases :
Fire Barriers : pp.pr
Trafficable Firebreaks: No
Need Maintenance : Yes
Age of Vegetation : 18-20 yrs

ABIOTIC

Topographic Code : Undulating low hills
Special Top Features :
Geological Substrate : Not known.
Special Geol Features :
Surface Hydrology : Perma. & ephem. streams, salt lakes
Comments : Part of lake turned saline.

VEGETATION

Most Abundant Formation : Second Abundant Formation
Dominant Species : Eucalyptus conglobata
Codominant Species : Eucalyptus sp.
Formation type : Mallee
Canopy Cover U/S : 30
Height U/S : 5.0
Canopy Cover S/L : 35
Height S/L : 1.5
Soil Colour : Grey
Soil Texture : scl
Percentage Reserve : 40
Soil Representation: High
Comments : In the E.platypus assoc. the u'story often absent where mallee is dense. Other formations: E.occidentalis M. Allosuarina huegeliana low M. at N end.

FLORA

Level of Knowledge : Whole survey
Floristic Richness : Moderate
Gazetted Rare Species : None recorded.
Weed Species : Grasses along northern boundary road.
Percentage of Reserve : 1.00

FAUNA

Level of Knowledge : Anecdotal records
Gazetted Rare Species : None recorded.
Nest Hollows Abundant : No

GENERAL COMMENTS

Vegetation mapped by K. Newbey using 1968 aerial photography. Fire breaks are completely overgrown. Age of veg 15+ yrs. Stream and part of lake on reserve going saline.

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : Ruins
Estimated Site Value : Low
Details : Remains of hut used by Boundary Rider on Rabbit-proof fence.

ACCESS

Access To Boundary : Limited
Access Within Reserve : Nil
Perimeter Length (km) : 10.2
Perimeter Abutting
Uncleared Land (km) : 0.5
Uncleared Land Within
1 km of Boundary (ha): 50
Percentage Adjoining
Priv. Prop + Fenced : 5
Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
Recreation Details : No evidence of human use.
Research Projects : No
Research Details :

Facilities Available : None
Signposting Adequate : No
Condition of Signs : Old

DISTURBANCE

Historical Disturbances :
Current Disturbances :
Regeneration of B/Pits :
Comments : Stream and part of lake on reserve becoming saline.

STATUS

Area (ha): 1156.71-8888 Lat/Long : 32 25S, 118 00E
 Purpose : National Park File Officer : B. Muir + T. Passmore
 Vesting : NPWSA File Date : 11/01/86
 Shire : P'venet, C'brook Field Officer:
 CALM File No: NPA 16 Field Date : / /
 Public Plant: 1:100,000 2428, 2528

ABIDITIC

Topographic Code : Steep hills
 Special Topo Features : Mountains
 Geological Substrate : Arkosic sandstone
 Special Geo Features : Dykes/sills
 Surface Hydrology : Epineural streams, salt lakes
 Comments : Geol. - upper proterozoic metasediments

VEGETATION

Most Abundant Formation Second Abundant Formation
 Dominant Species : Mixed spp. Eucalyptus spp.
 Codominant Species :
 Formation Type : Heath Mallee
 Canopy Cover U/S : 70 SB
 Height U/S : 2.0 5.0
 Canopy Cover S/L : 20 10
 Height S/L : 1.0 1.0
 Soil Colour : Redbrown
 Soil Texture : scl
 Percentage Reserve : 70
 Soil Representation: Moderate
 Comments : Variable within ecotones. T. Passmore considered Euc. mallee + E. wandoo WL to be signif. components although not of large area. Soils very variable.

FLORA

Level of Knowledge : Partly surveyed
 Floristic Richness : High
 Gazetted Rare Species : List of 16 species - see data sheet and Beard (1978) report.
 Weed Species :
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Partly surveyed
 Gazetted Rare Species : None known but some unusual distributions - see Harold & Muir (1986).
 Nest Hollows Abundant : Yes

GENERAL COMMENTS

Age of vege - 2 yrs (201), 2-10 yrs (257), rest > 10 yrs. Probably illegal kangaroo shooting on fringe of Park. Extra facilities include campgrounds and water supply.

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : All
 Other Diseases :
 Fire Barriers : cp.ch, ci, cr, pm
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 10-20 yrs

HISTORIC

Number Aboriginal Sites : 6
 Estimated Site Value : Low
 European Sites Recorded : None
 Estimated Site Value :
 Details : Artefact scatters.

ACCESS

Access To Boundary : High
 Access Within Reserve : Moderate
 Perimeter Length (km) : 173
 Perimeter Abutting
 Uncleared Land (km) : 66.8
 Uncleared Land Within
 1 km of Boundary (ha) : 6188
 Percentage Adjoining
 Priv. Prop + Fenced : 99
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : Yes
 Recreation Details : Extremely high usage - mountain climbing, bush walking, wildflowers
 Research Projects : Yes
 Research Details : Surveys, numerous research projects - see files.
 Facilities Available : Long-drop toilets, flush toilets, barbecues
 Signposting Adequate : Yes
 Condition of Signs : New

DISTURBANCE

Historical Disturbances : Tracks, timber cutting, borrow pits, rubbish dumps
 Current Disturbances : Tracks, borrow pits, rubbish dumps, utilities
 Regeneration of B/Pits : Yes/no
 Comments : Some b' pits still in use - others regenerating.

Reserve Number : A15107

Name : Lake Pleasant View Nature Reserve

STATUS

Area (ha) : 267.0920 Lat/Long : 34 S05, 118 11E
Purpose : Water + Cons. of Flora and Fauna File Officer : A. Williams
Vesting : NPWCA File Date : 12/03/86
Shire : Albany Field Officer: A. Williams
CALM File No : FW 96/59 Field Date : 29/03/86
Public Plan: Two Peoples Bay, 1:50,000 2528-III

DIEBACK / FIRE

Dieback Presence : Suspected
Position in Landscape : Low
Other Diseases :
Fire Barriers : pp.pr
Trafficable Firebreaks: Yes
Need Maintenance : Yes
Age of Vegetation : 0-5 yrs

ABIOTIC

Topographic Code : Gently undulating plain
Special Top Features : Monadnocks
Geological Substrate : Granite
Special Soil Features :
Surface Hydrology : Freshwater lake
Comments :

VEGETATION

Dominant Species : Most Abundant Formation
Endemic Species : Baumea articulata
Endemic Species : Baumea sp.
Formation Type : Other
Canopy Cover W/S : 90
Height W/S : 0.5
Canopy Cover E/W : 8
Height E/W : 2.0
Soil Colour : Grey
Soil Texture : shc
Percentage Reserve : 55
Soil Representation: Moderate
Comments : Most of res. occupied by lake. Some paperbark WL near lake edge.

FLORA

Level of Knowledge : Anecdotal records
Floristic Richness : Moderate
Gazetted Rare Species : None recorded.
Weed Species : Pteridium esculentum + pasture grasses on N and E boundaries.
Percentage of Reserve : 0.10

FAUNA

Level of Knowledge : Anecdotal records
Gazetted Rare Species : None recorded.
Nest Hollows Abundant : No

GENERAL COMMENTS

Firebreaks very overgrown on E boundary and part of S boundary. Age of veg 2 yrs. Tracks along lake edge used by duck shooters.

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Limited
Perimeter Length (km) : 7.0
Perimeter Abutting
Uncleared Land (km) : 1.0
1 km of Boundary (ha): 100
Percentage Adjoining
Priv.Prop + Fenced : 90
Fence Stockproof : Yes

USAGE

Significant Recreation Site : Yes
Recreation Details : Duck shooting on lake.
Research Projects : Yes
Research Details : Survey of S.W. wetlands- Jim Lane W.R.C.
Facilities Available : None
Signposting Adequate : No
Condition of Signs : Old

DISTURBANCE

Historical Disturbances : Timber cutting, rubbish dump; Other
Current Disturbances : Tracks
Regeneration of B/Pits :
Comments : Old dam constr. along N bdy. A few car bodies + scattered rubbish.

STATUS

Area (ha): 564.9758 Lat/Long : 33 48S, 121 54E
 Purpose : Recreation + Cons. of Flora & Fauna File Officer : A. Williams
 Vesting : NPWCA File Date : 88/04/86
 Shire : Esperance Field Officer: B. Muir + M. Cavana
 CULM File No : FM 568/67 Field Date : 26/10/86
 Public Plant: Esperance, 1:58, 828 3328-11

Reserve Number : A15231 Name : Moody Lake Nature Reserve

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pp, or, pn
 Trafficable Firebreaks: Yes
 Weed Maintenance : No
 Age of Vegetation : 5-10 yrs

ABIOTIC

Topographic Code : Level plain
 Special Topo Features :
 Geological Substrate : Unknown
 Special Geol Features :
 Surface Hydrology : Salt lakes
 Comments :

VEGETATION

Most Abundant Formation	Second Abundant Formation
Dominant Species : Melaleuca cuticularis	Banksia speciosa
Codominant Species :	
Formation Type : Woodland	Shrubland
Canopy Cover U/S : 40	70
Height U/S : 3.8	4.8
Canopy Cover 6/L : 80	10
Height 6/L : 8.5	1.8
Soil Colour : Black	White
Soil Texture : qle	5
Percentage Reserve : 40	5
Soil Representation: High	
Comments : Lakes occupy 50% of reserve.	

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Low
 Gazetted Rare Species : None recorded.
 Weed Species : Valid grass along N boundary.
 Percentage of Reserve : 0.18

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 7 yrs. Applications for Authority to Mine 63/143, 63/145 held by V.K.Russell were approved 89.09.75. Reserve listed as suitable for Beekeeping (Beekeeping on Nature Reserves of WA report). Water-skiing on Lake Windabout is this in reserve?

Number Aboriginal Sites : 8
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 13.5
 Perimeter Abutting
 Uncleared Land (km) : 10.8
 Uncleared Land Within
 1 km of Boundary (ha) : 8
 Percentage Adjoining
 Priv.Prop + Fenced : 60
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : Yes
 Recreation Details : Duck shooting, horse riding + passive recreation.
 Research Projects : No
 Research Details :

Facilities Available : Picnic sites
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Borrow pits
 Current Disturbances : Utilities
 Regeneration of B/Pits : Yes
 Comments : Degradation around Recreational Use Area.

Name : Toddard Nature Reserve

DIEBACK / FIRE

Dieback Presence : No evidence
Position in Landscape : Middle
Other Diseases :
Fire Barriers : pp.pi.pr
Intractable Firebreaks: Yes
Need Maintenance : No
Age of Vegetation : 18-20 yrs

HISTORIC

Number Aboriginal Sites :
 Estimated Site Value : High
 European Sites Recorded : Other
 Estimated Site Value : High
 Details : 2 aboriginal
 itween are
 trees.

55333A

Access To Boundary	: Moderate
Access Within Reserve	: Moderate
Perimeter Length (km)	: 4.9
Perimeter Abutting	
Uncleared Land (km)	: 0.0
Uncleared Land Within	
1 km of Boundary (ha):	0
Percentage Adjoining	
Priv. Prop & Fenced	: 0
Fire Stockproof	: Yes

ISAF

Significant Recreation Site : No
Recreation Details : Nothing to attract visitors
research Projects : No
research Details :

3JN5881151

Historical Disturbances : Part cleared, timber cutting; borrow pits
 Current Disturbances : Tracks, rubbish dumps; Utilities
 Regeneration of 8/Pits : Yes
 Comments : Scattered rubbish dumping.

Comments: Scattered rubbish dumping.

age of age 12+ yrs. Reserve is locally historically important. Reconsider inclusion of private land between old farm and reserve - check Kaye Vaux. Negotiations on possible Ongerup water supply due to be built on reserve are continuing (Oct. 85).

STATUS

Area (ha) : 68.7028
 Purpose : Drainage + Conservation of Flora
 Vesting : Unvested
 Shire : Plantagenet
 CALM File No : STM 974/76
 Public Plan: Redcond. 1:50,000 2429-111

Reserve Number : C15775 Name :

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pp.pr
 Trafficable Firebreaks: No
 Need Maintenance : Yes
 Age of Vegetation : 5-18 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 3.4
 Perimeter Abutting
 Uncleared Land (ha) : 0.4
 Uncleared Land Within
 1 km of Boundary (ha) : 35
 Percentage Adjoining
 Priv.Prop + Fenced : 75
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Rubbish dumps
 Regeneration of B/Pits :
 Comments : Rubbish disposal site adjacent to reserve ??

AB1071C

Topographic Code : Gently undulating rises
 Special Topo Features :
 Geological Substrate : Unknown
 Special Beol Features :
 Surface Hydrology : Seasonal wet swamp
 Comments : Seasonal wet swamp

VEGETATION

	Most Abundant Formation	Second Abundant Formation
Dominant Species	: Eucalyptus marginata	
Codominant Species	: Eucalyptus calophylla	
Formation Type	: Woodland	
Canopy Cover U/S	: 78	
Height U/S	: 12.0	0
Canopy Cover G/L	: 80	0
Height G/L	: 1.5	0.0
Soil Colour	: White	
Soil Texture	: 5	
Percentage Reserve	: 80	0
Soil Representation: High		
Comments	: Patches of Melaleuca preissiana and Banksia attenuata.	

FLORA

Level of Knowledge : No data
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : Sonchus, Watsonia. Cape weed - abundant around rubbish dump.
 Percentage of Reserve : 0.50

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 5-18 yrs. Application to release reserve for grazing purposes refused in 1972. Reserve is heavily populated by rabbits.

Reserve Number : E16136 Name :

STATUS

Area (ha): 15.7778 Lat/Long : 35 03S, 117 33E
Purpose : Conservation of Flora and Fauna File Officer : A. Williams
Vesting : WPCA File Date : 07/03/86
Shire : Albany Field Officer: A. Williams
CALM File No : F&M 715/80 Field Date : 31/03/86
Public Plan: Torbay, 1:50,000 2427-IV

ABOTIOTIC

Topographic Code : Steep low hills
Special Topo Features :
Geological Substrate : Not known.
Special Soil Features :
Surface Hydrology :
Comments :

VEGETATION

	Most Abundant Formation	Second Abundant Formation
Dominant Species	: Eucalyptus diversicolor	Eucalyptus marginata
Codominant Species		Eucalyptus calophylla
Formation Type	: Woodland	Woodland
Canopy Cover U/S	: 30	40
Height U/S	: 22.0	14.0
Canopy Cover S/L	: 60	70
Height S/L	: 1.5	1.5
Soil Colour	: Brown	Whitegrey
Soil Texture	: si	is
Percentage Reserve	: 30	25
Soil Representation: High		
Comments	: Southern portion is dense thicket/heath, 95% Agonis sp. + blackboys	

FLORA

Level of Knowledge : Anecdotal records
Floristic Richness : Low
Gazetted Rare Species : None recorded.
Weed Species :
Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
Gazetted Rare Species : None recorded.
Nest Hollows Abundant : No

GENERAL COMMENTS

Firebreaks are non-existent. Age of vega 9 yrs. Eastern side of fence not sheep proof.

DIEBACK / FIRE

Dieback Presence : Suspected
Position in Landscape : All
Other Diseases :
Fire Barriers : pr
Trafficable Firebreaks:
Need Maintenance :
Age of Vegetation : 5-10 yrs

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Nil
Perimeter Length (km) : 1.7
Perimeter Abutting
Uncleared Land (km) : 1.0
Uncleared Land Within
1 km of Boundary (ha): 100
Percentage Adjoining
Priv.Prop + Fenced : 100
Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
Recreation Details : No evidence.
Research Projects : No
Research Details :

Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Tracks, borrow pits
Current Disturbances :
Regeneration of B/Pits : Yes
Comments : Purple-crowned Lorikeets plentiful in tree tops.

STATUS

Area (ha): 194,3888
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWA
 Shire : Esperance
 CALM File No : FSW 276/70
 Public Plan: 1 : 1 mile, 482/80

Lat/Long : 33 21S, 121 42E
 File Officer : A. Williams
 File Date : 88/04/86
 Field Officer: B. Muir + M. Cavana
 Field Date : 31/18/86

Reserve Number : C16881

Name :

ABIOITIC

Topographic Code : Gently undulating plain
 Special Topo Features :
 Geological Substrate : Laterite
 Special Geol Features :
 Surface Hydrology :
 Comments :

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus spp.
 Codominant Species :
 Formation Type : Mallee
 Canopy Cover U/S : 68
 Height U/S : 5.8
 Canopy Cover S/L : 38
 Height S/L : 1.8
 Soil Colour : Pinkgrey
 Soil Texture : fsc
 Percentage Reserve : 88
 Soil Representation: High
 Comments :

Second Abundant Formation
 Eucalyptus tetragona
 Mallee
 28
 3.8
 78
 1.8
 White
 5
 28

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : Along margins and in disturbed areas.
 Percentage of Reserve : 8.88

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 24+ yrs. Recommended addition of reserve 19773 to reserve. Utilities exist on adjacent road and rail reserves. This reserve is included in M.A. Burdman's Report No. 5.

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : CR, PP, PI
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 20+ yrs

HISTORIC

Number Aboriginal Sites : 2
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details : Truslove tomosite and siding NOT in reserve but of local historical interest.

ACCESS

Access To Boundary : High
 Access Within Reserve : Moderate
 Perimeter Length (km) : 6.3
 Perimeter Abutting
 Uncleared Land (km) : 0.5
 Uncleared Land Within
 1 km of Boundary (ha): 58
 Percentage Adjoining
 Priv. Prop + Fenced : 95
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : Slight evidence of camping.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Old

DISTURBANCE

Historical Disturbances : Borrow pits
 Current Disturbances : Tracks
 Regeneration of B/Pits : Yes
 Comments :

STATUS

Area (ha): 251.4883 Lat/Long : 34 17S, 118 31E
 Purpose : Conservation of Flora and Fauna File Officer : A. Williams
 Vesting : NPWS File Date : 11/03/86
 Shire : Snowydrop Field Officer: A. Williams
 CALM File No : FW 998/76 Field Date : 27/03/86
 Public Plan: Pallinup, 1:50,000 2629-111

ABIOIOTIC

Topographic Code : Rolling low hills
 Special Topo Features : Breakaways
 Geological Substrate : Granite
 Special Geol Features :
 Surface Hydrology : Ephemeral streams
 Comments :

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus tetragona
 Codominant Species : Eucalyptus redunca
 Formation Type : Halloo
 Canopy Cover U/S : 5
 Height U/S : 3.0
 Canopy Cover E/L : 70
 Height E/L : 8.5
 Soil Colour : Greybrown
 Soil Texture : lfy
 Percentage Reserve : 40
 Soil Representation: High
 Comments : Some Brown Mallet, Swamp Yate (in SW corner) and Jam low ML + heath

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species : None recorded.
 Percentage of Reserve : 0.88

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : Yes

GENERAL COMMENTS

Vegetation mapped by K. Newbey as part of his M.Sc. Thesis. No access to S portion of reserve. Age of vege 15+. Illegal rubbish dumping. Recommend inclusion of uncleared land to S. Fence needs repair along S bdy. Historic timber res.

DIEBACK / FIRE

Dieback Presence : Uninterpretable
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pr.pi
 Trafficable Firebreaks: Yes
 Need Maintenance : No
 Age of Vegetation : 10-28 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Moderate
 Perimeter Length (km) : 6.8
 Perimeter Abutting
 Uncleared Land (km) : 1.5
 1 km of Boundary (ha): 150
 Percentage Adjoining
 Priv.Prop + Fenced : 100
 Fence Stockproof : No

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Borrow pits, tracks, timber cutting, rubbish dumps
 Current Disturbances : Rubbish dumps
 Regeneration of B/Pits : Yes/No
 Comments : B' pit needs surface ripping. Rubbish dump appears 1 yr old.

STATUS

Area (ha) : 657,1188
 Purpose : Conservation of Flora and Fauna
 Vesting : NRMCA
 Shire : Cranbrook
 CALM File No : F&M 166/56
 Public Plan: Mundurup, 1:58,888 2429-11

Lat/Long : 34 16S, 117 47E
 File Officer : A. Williams
 File Date : 10/03/86
 Field Officer: A. Williams
 Field Date : 18/02/86

Reserve Number : C18456

Name : Ballcup Lake Nature Reserve

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : CN
 Trafficable Firebreaks: No
 Need Maintenance : No
 Age of Vegetation : 20+ yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Limited
 Access Within Reserve :
 Perimeter Length (km) : 11.0
 Perimeter Abutting
 Uncleared Land (km) : 1.0
 Uncleared Land Within
 1 km of Boundary (ha) : 188
 Percentage Adjoining
 Priv. Prop + Fenced : 0
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence, no record.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Cleared
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : Historical clearing 60 ha - remaining veg. is sedgeland.

ABIOITIC

Topographic Code : Gently undulating plain
 Special Topo Features :
 Geological Substrate : Not known.
 Special Geol Features :
 Surface Hydrology : Salt lakes
 Comments :

VEGETATION

Most Abundant Formation : Second Abundant Formation
 Dominant Species : Sedg. spp. Melaleuca cuticularis
 Codominant Species :
 Formation Type : Other
 Canopy Cover U/S : 60
 Height U/S : 1.8
 Canopy Cover B/L : 8
 Height B/L : 0.8
 Soil Colour : Grey
 Soil Texture : scl
 Percentage Reserve : 8
 Soil Representation: High
 Comments : 98% of reserve is salt lake. Small patches of Swamp Yate M.

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Low
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Firebreaks not required as lake occupies 98% of reserve. Age of veg. 20 yrs. No access to western side of lake.

STATUS

Area (ha) : 1497.3368
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Albany
 CALM File No : F24 431/71
 Public Plan: Oyster Harbour, 1:50,000 2428-II

Lat/Long : 34 53S, 117 50E
 File Officer : A. Williams
 File Date : 12/03/86
 Field Officer: A. Williams + S. Moore
 Field Date : 20/03/86

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : All
 Other Diseases :
 Fire Barriers : cb, ci
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 10-20 yrs

ABIOTIC

Topographic Code : Rolling low hills
 Special Topo Features :
 Geological Substrate : Laterite
 Special Geol Features :
 Surface Hydrology : Ephemeral streams
 Comments :

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Most Abundant Formation : Second Abundant Formation
 Dominant Species : Eucalyptus staeri
 Codominant Species :
 Formation Type : Woodland
 Canopy Cover U/S : 10
 Height U/S : 4.0
 Canopy Cover S/L : 70
 Height S/L : 1.5
 Soil Colour : Grey
 Soil Texture : 1fs
 Percentage Reserve : 40
 Soil Representation: High
 Comments : See E.A.Griffin "Vege. Survey of Baker's Junc. + Millbrook Nat. Resv"

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : High
 Gazetted Rare Species : Baetkea arbuscula, Banksia brownii, Banksia goodii
 Weed Species : None recorded.
 Percentage of Reserve : 0.00

USAGE

Significant Recreation Site : No
 Recreation Details : Poor access.
 Research Projects : Yes
 Research Details : Dieback sampling, Honey-Possua pollination of Banksias.
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

FAUNA

Level of Knowledge : Species lists
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

DISTURBANCE

Historical Disturbances : Timber cutting
 Current Disturbances : Timber cutting
 Regeneration of B/Pits :
 Comments : Small area of timber cutting. Recent clearing along N boundary.

GENERAL COMMENTS

Additional firebreaks needed to present ones. Age of vege 15 yrs. Small patches in NE and SW corners recently burnt. Access via tracks on road reserves only.

STATUS

Area (ha): 192.6384
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Albany
 CALM File No : FEM1885/76
 Public Plan: Oyster Harbour, 1:50,000 2428-11

Reserve Number : C18772

Name :

AB1071C

Lat/Long : 34 45S, 117 58E
 File Officer : A. Williams
 File Date : 11/03/86
 Field Officer: A. Williams + S. Moore
 Field Date : 28/03/86

Topographic Code : Undulating low hills
 Special Topo Features :
 Geological Substrate : Not known.
 Special Geol Features :
 Surface Hydrology : Ephemeral streams
 Comments :

VEGETATION

Host Abundant Formation	Second Abundant Formation
Dominant Species : Eucalyptus marginata	
Codominant Species : Eucalyptus calophylla	
Formation Type : Woodland	
Canopy Cover W/S : 38	0
Height W/S : 16.8	0.8
Canopy Cover S/L : 88	0
Height S/L : 2.8	8.8
Soil Colour : Grey	
Soil Texture : sl	
Percentage Reserve : 95	0
Soil Representation:	
Comments : Low lying area in res. supports rich heath with several Banksia spp.	

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded but contains Albany Pitcher Plant.
 Weed Species :
 Percentage of Reserve : 0.80

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of veg: 18 yrs. Firebreaks are non-existent except for 0.42 km along south part of E bdy. Borrow pits require surface ripping and top soil spread.

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : Dr
 Trafficable Firebreaks: No
 Weed Maintenance : Yes
 Age of Vegetation : 5-18 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 6.2
 Perimeter Abutting
 Uncleared Land (km) : 0.8
 Uncleared Land Within
 1 km of Boundary (ha): 0
 Percentage Adjoining
 Priv.Prop + Fenced : 100
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Borrow pits
 Current Disturbances : Cleared, rubbish dumps
 Regeneration of B/Pits : No
 Comments : Small rubbish dump in gravel pit near Bennett Rd.

STATUS

Area (ha): 2511.0002
 Purpose : National Park
 Vesting : NPWCA
 Shire : Plantagenet
 CALM File No : NPA 13
 Public Plan: Porongorups, 1:50,000 2428-1

Lat/Long : 34 41S, 117 55E
 File Officer : B.Muir + I.Passmore
 Field Date : 14/10/86
 Field Officer:
 Field Date : / /

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : High
 Other Diseases : Armillaria?
 Fire Barriers : cp,cb,pi,pr,gn
 Trafficable Firebreaks: Yes
 Need Maintenance : No
 Age of Vegetation : 5-10 yrs

ABIOTIC

Topographic Code : Steep mountains
 Special Topo Features : Monadnocks:mountains
 Geological Substrate : Gneiss
 Special Geol Features :
 Surface Hydrology : Ephem. streams,semi-perm. springs
 Comments : Permanent to semi-permanent sp

VEGETATION

Most Abundant Formation : Second Abundant Formation
 Dominant Species : Eucalyptus calophylla Mixed spp.
 Codominant Species : Eucalyptus marginata
 Formation Type : Woodland
 Canopy Cover U/S : 30
 Height U/S : 7.0
 Canopy Cover S/L : 40
 Height S/L : 1.5
 Soil Colour : Redbrown
 Soil Texture : s
 Percentage Reserve : 60
 Soil Representation: Poor
 Comments : One patch of Karri unusual in the area.

FLORA

Level of Knowledge : Species lists
 Floristic Richness : Moderate
 Sazetted Rare Species : List of 6 species + 4 very restricted species. See data sheet.
 Weed Species : Blackberries, Awned Lilly, Tallorina etc.
 Percentage of Reserve : 20.00

FAUNA

Level of Knowledge : Anecdotal records
 Sazetted Rare Species : None recorded.
 Nest Hollows Abundant : Yes

GENERAL COMMENTS

Age of vege 4-15 yrs. Some patches of long unburnt bush around exposed granite.

HISTORIC

Number Aboriginal Sites : 8
 Estimated Site Value :
 European Sites Recorded : Other
 Estimated Site Value : Low
 Details : No details given by I.Passmore - Check!

ACCESS

Access To Boundary : High
 Access Within Reserve : Limited
 Perimeter Length (km) : 40.0
 Perimeter Abutting
 Uncleared Land (km) : 2.0
 Uncleared Land Within
 1 km of Boundary (ha): 200
 Percentage Adjoining
 Priv.Prop + Fenced : 98
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : Yes
 Recreation Details : Heavy visitor use to picnic sites and for climbing.
 Research Projects : Yes
 Research Details : Blackberry control by rust fungus - refer files and A.P.8.
 Facilities Available : Long-drop toilets, barbecues;Picnic sites
 Signposting Adequate : Yes
 Condition of Signs : New

DISTURBANCE

Historical Disturbances : Part cleared, timber cutting;Utilities
 Current Disturbances : Part cleared, mining tenement;Other
 Regeneration of B/Pits :
 Comments : 0 = radio tower, M = mining tenement active.

STATUS

Area (ha): 57.8881
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Esperance
 CALM File No: FEM1809/76
 Public Plan: 1 : 1 mile, 423/88

Lat/Long : 33 43S, 121 35E

File Officer : A. Williams
 File Date : 88/04/86
 Field Officer: A. Williams
 Field Date : 88/05/86

Reserve Number : C19628

Name :

Daisyup NR

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : BP
 Trafficable Firebreaks: No
 Weed Maintenance : Yes
 Age of Vegetation : 18-20 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access to Boundary : Limited
 Access Within Reserve : Nil
 Perimeter Length (km) : 3.4
 Perimeter Abutting
 Uncleared Land (km) : 0.4
 1 km of Boundary Within
 Percentage Adjoining
 Priv. Prop + Fenced : 15
 Fence Stockproof : No

USAGE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Old

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : Considerable rabbit population at south end of reserve.

Topographic Code : Rolling low hills
 Special Topo Features :
 Geological Substrate : Feldspathic granite
 Special Geol Features :
 Surface Hydrology :
 Comments :

VEGETATION

Most Abundant Formation
 Dominant Species : *Lambertia inermis*
 Codominant Species :
 Formation Type : Shrubland
 Canopy Cover U/S : 65
 Height U/S : 3.5
 Canopy Cover S/L : 82
 Height S/L : 1.8
 Soil Colour : Grey
 Soil Texture : 15
 Percentage Reserve : 70
 Soil Representation: High
 Comments : *Lambertia inermis* thickets dominate whole reserve.

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species : Pasture grasses, Cape weed, Paddy-melions and Veldt grass.
 Percentage of Reserve : 1.88

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 17 yrs. Rabbits are very numerous at southern end. Hole in fence near southern corner adjoining Loc. 31. The Nature Reserve sign has been placed on the gravel winning area - badly damaged.

Reserve Number : C28381

Name : Mehinup Nature Reserve

STATUS

Area (ha): 285.2697
Purpose : Conservation of Flora and Fauna
Vesting : NPWCA
Shire : Denmark
CALM File No : F&W 284/69
Public Plan: Owinup, 1:58,000 2328-111

DIEBACK / FIRE

Dieback Presence : Uninterpretable
Position in Landscape : All
Other Diseases :
Fire Barriers : pb,pp,pr,pp
Trafficable Firebreaks: Yes
Need Maintenance : Yes
Age of Vegetation : 8-5 yrs

ABIOTIC

Topographic Code : Rolling low hills
Special Topo Features : Monadnocks
Geological Substrate : Granite
Special Geol Features :
Surface Hydrology : Ephemeral streams
Comments : Also winter wet swamp.

VEGETATION

Most Abundant Formation
Dominant Species : Eucalyptus marginata
Codominant Species : Eucalyptus calophylla
Formation Type : Woodland
Canopy Cover U/S : 25
Height U/S : 15.8
Canopy Cover 6/L : 75
Height 6/L : 2.8
Soil Colour : Grey
Soil Texture : ls
Percentage Reserve : 35
Soil Representation: High
Comments : In some areas, Karri is a component of most abundant formation.

FLORA

Level of Knowledge : Anecdotal records
Floristic Richness : High
Gazetted Rare Species : None recorded.
Weed Species : Pasture grasses prevalent.
Percentage of Reserve : 8.58

FAUNA

Level of Knowledge : Anecdotal records
Gazetted Rare Species : None recorded.
Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 2 yrs. Historical timber cutting - old tracks still visible. Old gravel pits require surface ripping and top soil spread. Sand pit should be closed off and levelled.

HISTORIC

Number Aboriginal Sites : 8
Estimated Site Value :
European Sites Recorded : Ruins
Estimated Site Value : Low
Details : Old concrete foundations on past rail/road reserve.

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Moderate
Perimeter Length (km) : 8.2
Perimeter Abutting
Uncleared Land (km) : 3.2
Uncleared Land Within
1 km of Boundary (ha): 325
Percentage Adjoining
Priv.Prop + Fenced : 75
Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
Recreation Details : No evidence.
Research Projects : No
Research Details :

Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Tracks, timber cutting, Borrow pits
Current Disturbances : Borrow pits, utilities
Regeneration of B/Pits : No
Comments : Old b'pits show little regen. S.E.C. line. Telecom Cable.

STATUS

Area (ha) : 17.1186
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Albany
 CALM File No : FM1802/76
 Public Plan: Albany Townsite, No. 2889 13.86

Lat/Long : 35 01S, 117 55E
 File Officer : A. Williams
 File Date : 07/03/86
 Field Officer: A. Williams + M. Cavena
 Field Date : 31/03/86

ABIGITIC

Topographic Code : Level plain
 Special Topo Features :
 Geological Substrate : Granite
 Special Beal Features :
 Surface Hydrology : Winter wet swamp
 Comments : Winter wet swamp.

VEGETATION

Most Abundant Formation
 Dominant Species : Melaleuca cuticularis
 Codominant Species :
 Formation Type : Woodland
 Canopy Cover U/S : 75
 Height U/S : 4.8
 Canopy Cover S/L : 85
 Height S/L : 1.8
 Soil Colour : Grey
 Soil Texture : cs
 Percentage Reserve : 60
 Soil Representation: High
 Comments : Understorey dominated by sedges.

Second Abundant Formation
 Agonis spp.
 Melaleuca cuticularis
 Shrubland
 95
 3.8
 95
 1.5
 Grey
 cs
 38

FLORA

Level of Knowledge : Species lists
 Floristic Richness : Low
 Gazetted Rare Species : None recorded.
 Weed Species : Kikuyu grass, Couch grass, Pampas grass, Tallorina, Dock.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Local Fire Officer reports very high fire danger. Age of veg 20+ yrs.

DIEBACK / FIRE

Dieback Presence : Uninterpretable
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pp,pr
 Trafficable Firebreaks: Yes
 Weed Maintenance : Yes
 Age of Vegetation : 20+ yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 2.2
 Perimeter Abutting
 Uncleared Land (km) : 2.8
 1 km of Boundary Within
 Percentage Adjoining : 208
 Priv. Prop + Fenced : 28
 Fence Stockproof : No

USAGE

Significant Recreation Site : Yes
 Recreation Details : Horse riding and trail bike riding.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : Small reserve. Extremely dense flammable vegetation.

STATUS

Area (ha): 31370.0000
 Purpose : National Park
 Vesting : NPMA
 Shire : Esperance
 CALM File No : NPA 2/1
 Public Plan: Esperance, 1:250,000 SI 51-6

Lat/Long : 33 55S, 122 15E
 File Officer : B. Muir + K. Tideman
 File Date : 13/10/86
 Field Officer:
 Field Date : / /

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : All
 Other Diseases :
 Fire Barriers : cp,cb,ci,cr,pn
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 5-10 yrs

ABIOTIC

Topographic Code : Undulating hills
 Special Topo Features : Beaches, sand dunes, mountains
 Geological Substrate : Micaelite gneiss
 Special Soil Features : Fossil deposits
 Surface Hydrology : Epheemeral streams, freshwater lakes
 Comments : Other topo features = dunes and wetlands

VEGETATION

Dominant Species : Mixed spp.
 Codominant Species :
 Formation Type : Heath
 Canopy Cover W/S : 80
 Height W/S : 1.8
 Canopy Cover S/L : 0
 Height S/L : 2.8
 Soil Colour : Grey
 Soil Texture : Redbrown
 Percentage Reserve : 70
 Soil Representation: Moderate
 Comments : Coastal areas with good stands of Banksia speciosa woodland. Soils grey in these areas. Granitic complex vegetation has variable canopy cover.

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : High
 Gazetted Rare Species : Laebertia echinata, Eucalyptus aquilina, E. insularis.
 Weed Species : Some pest species - Saffron Thistle
 Percentage of Reserve : 8.50

FAUNA

Level of Knowledge : Whole survey
 Gazetted Rare Species : See Kitchener, Chapman & Bell (1975). Rec. West. Aust. Mus. Suppl. No 1
 Nest Hollows Abundant : No

GENERAL COMMENTS

Eastern section - 2.5 yrs old. Western section 4 yrs (182), 7 yrs (1887). Biol. survey by Kitchener, Chapman & Bell (1975). Rec. West. Aust. Mus. Suppl. No 1. Facilities include campsites, water supplies and walk trails. Outline Mapping 1 Jan 1977 available.

HISTORIC

Number Aboriginal Sites : 37
 Estimated Site Value : High
 European Sites Recorded : Other
 Estimated Site Value :
 Details : Aborig. - mainly artefact sites but mythological also. Europ. - Cairn at Lookout Bay erected by Matthew Flinders, Cairn Rossiter Bay made by John Eyre for Capt. Rossiter.

ACCESS

Access To Boundary : High
 Access Within Reserve : High
 Perimeter Length (km) : 53.8
 Perimeter Abutting
 Uncleared Land (km) : 25.8
 Uncleared Land Within
 1 km of Boundary (ha): 2500
 Percentage Adjoining
 Priv. Prop + Fenced : 50
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : Yes
 Recreation Details : Coastal trail, camping, fishing, boat anchorage.
 Research Projects : Yes
 Research Details : W.A. Museum biological survey. Several small projects eg. rehabilitation.
 Facilities Available : Long-drop toilets, flush toilets, barbecues, picnic sites
 Signposting Adequate : Yes
 Condition of Signs : New

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Tracks, borrow pits, rubbish dumps, utilities
 Regeneration of B/Pits : No
 Comments : Borrow pits still in use.

STATUS

Area (ha): 38.4358
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Site : Denmark
 CWM File No : F&W 718/85
 Public Plan: Denmark, 1:58,800 2328-11

Lat/Long : 34 S95, 117 26E
 File Officer : A. Williams
 File Date : 12/03/86
 Field Officer: A. Williams + M. Cavana
 Field Date : 20/04/86

Reserve Number : C23128

Name :

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : ph,dp,pr
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 8-5 yrs

ABIDITIC

Topographic Code : Undulating plain
 Special Top Features:
 Geological Substrate : Granite
 Special Bed Features:
 Surface Hydrology : Ephemeral streams
 Comments :

VEGETATION

Most Abundant Formation
 Dominant Species : Allocasuarina fraseriana
 Codominant Species : Eucalyptus marginata
 Formation Type : Woodland
 Canopy Cover U/S : 68
 Height U/S : 8.8
 Canopy Cover S/L : 58
 Height S/L : 1.8
 Soil Colour : Greywhite
 Soil Texture : ls
 Percentage Reserve : 68
 Soil Representation: High
 Comments : Eucalyptus calophylla is a component of ML in some places.

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 8.88

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 2-5 yrs. Firebreak on W side is very narrow - needs maintenance. Illegal shooting on reserve. Access road through reserve leads to fishing spot and boat jetty. An active bee hive is located in the gravel pit.

HISTORIC
 Number Aboriginal Sites : 8
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 3.4
 Perimeter Abutting
 Uncleared Land (km) : 2.4
 Uncleared Land Within
 1 km of Boundary (ha): 248
 Percentage Adjoining
 Priv. Prop + Fenced : 35
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : Small size, Not spectacular in appearance.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Tracks, timber cutting, borrow pits
 Current Disturbances : Utilities
 Regeneration of B/Pits : No
 Comments : Active bee hive located in gravel pit.

Reserve Number : 23527 Name : Helia's Arboretum

STATUS

Area (ha): 3747.9288
Purpose : Forestry Purposes
Vesting : C of F
Shire : Esperance
CALM File No : FD 288/77
Public Plan: 1 : 1 mile, 423/88

DIEBACK / FIRE

Dieback Presence : Suspected
Position in Landscape : Low
Other Diseases :
Fire Barriers : CP, CI, PB, PR
Trafficable Firebreaks: Yes
Need Maintenance : Yes
Age of Vegetation : 18-20 yrs

ABIOTIC

Topographic Code : Level plain
Special Top Features :
Biological Substrate :
Special Soil Features :
Surface Hydrology : Seasonal wetland (small area)
Comments : Seasonal wetland (small area)

HISTORIC

Number Aboriginal Sites : 8
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

VEGETATION

Most Abundant Formation : Second Abundant Formation
Dominant Species : Eucalyptus spp. Eucalyptus spp.
Codominant Species : *Lambertia inermis*
Formation Type : Shrubland
Canopy Cover U/S : 50
Height U/S : 2.5
Canopy Cover 6/L : 50
Height 6/L : 1.0
Soil Colour :
Soil Texture :
Percentage Reserve : 80
Soil Representation: High
Comments : Pine and Eucalypt plantation - many species - 20% of reserve.

FLORA

Level of Knowledge : Species lists
Floristic Richness : Moderate
Gazetted Rare Species : None recorded.
Weed Species : Veldt grass.
Percentage of Reserve : 5.88

FAUNA

Level of Knowledge : No data
Gazetted Rare Species : None recorded.
Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vega 18-20 yrs. Gravel extracted by MRO, truckloads of debris have been backfilled into disused areas (NE corner). Helia's Arboretum is one of M.A's earliest established pine plantations and also supports a diverse array of Eucalypt species.

USAGE

Significant Recreation Site : Yes
Recreation Details : Picnic sites, well signposted.
Research Projects : Yes
Research Details : Research on pure strains of clover seed (Mother seed) on small sections
Facilities Available : Picnic sites
Signposting Adequate : Yes
Condition of Signs : New

DISTURBANCE

Historical Disturbances : Part cleared
Current Disturbances : Part cleared, borrow pits; Other
Regeneration of B/Pits :
Comments : Gravel extraction from NE corner of reserve.

STATUS

Area (ha) : 1517.4000 Lat/Long : 33 40S, 122 00E
 Purpose : Conservation of Flora and Fauna File Officer : J. Bartle
 Vesting : NPWRA File Date : 06/08/86
 Shire : Esperance Field Officer : B. Muir + M. Cavana
 CALM File No : FM 114/54 Field Date : 26/10/86
 Public Plan: Esperance, 1:50,000 3230-11

ABIOITIC

Topographic Code : Level plain
 Special Topo Features : Beaches
 Geological Substrate : Limestone
 Special Geol Features :
 Surface Hydrology : Salt lakes
 Comments : Topo code = steep low hills on coast.

VEGETATION

Most Abundant Formation Second Abundant Formation
 Dominant Species : Melaleuca cuticularis Mixed Acacia spp.
 Codominant Species :
 Formation Type : Woodland Shrubland
 Canopy Cover U/S : 5 3.8
 Height U/S : 3.8 3.8
 Canopy Cover S/L : 80 30
 Height S/L : 0.5 1.8
 Soil Colour : Grey White
 Soil Texture : aie 5
 Percentage Reserve : 50 30
 Soil Representation: High
 Comments : 28% of reserve is open water.

FLORA

Level of Knowledge : No data
 Floristic Richness : Low
 Gazetted Rare Species : None recorded.
 Weed Species : Annual grasses on verges.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Check aerial photos for:- adjacent uncleared land, boundaries and access tracks. Reserve is a classified hunting and shooting area and is also suitable for beekeeping. Wetlands 20+ yrs old, dunes 5+ yrs.

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pr, pn
 Trafficable Firebreaks :
 Weed Maintenance :
 Age of Vegetation : 28+ yrs

HISTORIC

Number Aboriginal Sites : 8
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 26.4
 Perimeter Abutting
 Uncleared Land (km) : 0.8
 Uncleared land within
 1 km of Boundary (ha) : 0
 Percentage Adjoining
 Priv. Prop + Fenced : 8
 Fence Stockproof : Yes

USABE

Significant Recreation Site : Yes
 Recreation Details : Used as access to Mylie Bay - fishing etc.
 Research Projects : No
 Research Details :
 Facilities Available : ?
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Tracks
 Regeneration of B/Pits :
 Comments : Rubbish tip site adjoins reserve.

Reserve Number : 023923 Name :

STATUS

Area (ha) : 40.4686
Purpose : Flora (Boronia)
Vesting : Unvested
Shire : Albany
CALM File No : FWH063776
Public Plan: Oyster Harbour, 1:50,000 2428-II

Lat/Long : 34 53S, 117 52E
File Officer : M. Walters
File Date : 03/07/86
Field Officer: B. Muir + M. Cavana
Field Date : 22/10/86

AB10TIC

Topographic Code : Undulating low hills
Special Topo Features :
Geological Substrate : Laterite
Special Geol Features :
Surface Hydrology : Permanent streams
Comments :

VEGETATION

Dominant Species : Most Abundant Formation
Codominant Species : Eucalyptus marginata
Formation Type : Woodland
Canopy Cover U/S : 80
Height U/S : 18.0
Canopy Cover B/L : 70
Height B/L : 1.5
Soil Colour : Redbrown
Soil Texture : peat
Percentage Reserve : 60
Soil Representation: High
Comments : Dying Banksia spp, Dryandra spp, Albany Pitcher Plant, Sphaqnum Moss

FLORA

Level of Knowledge : No data
Floristic Richness : Moderate
Gazetted Rare Species : None recorded but contains Albany Pitcher Plant.
Weed Species : Minor patch of pasture grasses on E boundary.
Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : No data
Gazetted Rare Species : None recorded.
Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege < 3 yrs. Probable illegal gravel extraction to build culvert on E boundary. Dying Banksia spp. and Dryandra spp. upslope from gravel pit and stream on E boundary.

DIEBACK / FIRE

Dieback Presence : Suspected
Position in Landscape : Middle
Other Diseases :
Fire Barriers : pp, pn
Trafficable Firebreaks: Yes
Need Maintenance : Yes
Age of Vegetation : 0-5 yrs

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : Other
Estimated Site Value : Low
Details : Old tin fireplace - flattened corrugated iron.

ACCESS

Access To Boundary : Limited
Access Within Reserve : Nil
Perimeter Length (km) : 2.8
Perimeter Abutting
Uncleared Land (km) : 0.0
Uncleared Land Within
1 km of Boundary (ha) : 0
Percentage Adjoining
Priv. Prop + Fenced : 80
Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
Recreation Details : No access.
Research Projects : No
Research Details :

Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Borrow pits
Current Disturbances :
Regeneration of B/Pits : Yes
Comments : Gravel used to make culvert on E boundary.

STATUS

Area (ha) : 55.6651
 Purpose : Timber and Firewood
 Vesting : Unvested
 Shire : Albany
 CALM File No : LBS626/97
 Public Plan: Albany N.M. 1:25,000

Lat/Lonq : 35 08S, 117 46E
 File Officer : M.Cavana
 File Date : 22/09/86
 Field Officer: B.Muir + M.Cavana
 Field Date : 21/10/86

ABIOITIC

Topographic Code : Undulating rises
 Special Topo Features :
 Geological Substrate : Laterite
 Special Geol Features :
 Surface Hydrology : Winter wetland (west side + SE corner)
 Comments : Winter wetland- W side+SE cor.

VEGETATION

Host Abundant Formation	Second Abundant Formation
Dominant Species : <i>Eucalyptus marginata</i>	Mixed spp. (sedgeland)
Codominant Species : <i>Allocasuarina fraseriana</i>	
Formation Type : Woodland	Other
Canopy Cover U/S : 80	90
Height U/S : 12.0	1.8
Canopy Cover 6/L : 80	0
Height 6/L : 1.8	0.0
Soil Colour : White	White
Soil Texture : 5	5
Percentage Reserve : 95	5
Soil Representation: Moderate	
Comments : Small wet area on W side with <i>Nuytsia</i> trees.	

FLORA

Level of Knowledge : No data
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species : Extensive *tailorina* encroachment on E margin and in wetland.
 Percentage of Reserve : 2.00

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege < 5 yrs. Sand extraction from N edge of reserve. Many applications to purchase Loc.577 by neighbours - all refused. Gravel reserve adjoining N bdy vested in Albany Shire and excised from reserve in 1975.

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pp
 Trafficable Firebreaks: Yes
 Weed Maintenance : No
 Age of Vegetation : 0-5 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 2.6
 Perimeter Abutting :
 Uncleared Land (km) : 0.5
 Uncleared Land Within
 1 km of Boundary (ha): 20
 Percentage Adjoining
 Priv.Prop + Fenced : 75
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No access.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Rubbish dumps
 Current Disturbances : Tracks, timber cutting/Borrow pits
 Regeneration of B/Pits : No
 Comments : Sand extraction from N end of res.Minor timber cutting throughout.

Reserve Number : A24847 Name : CAPE ARID NATIONAL PARK - northern

STATUS

Area (ha): 279415.8888
Purpose : National Park + Water
Vesting : NP/NCRA
Shire : Esperance
CALM File No : NPA 1
Public Plan: Malcolm, 1:250,000 SI 51-7

Lat/Long : 33 45S, 123 25E
File Officer : B. Muir + K. Tideman
File Date : 18/10/86
Field Officer:
Field Date : / /

DIEBACK / FIRE

Dieback Presence : No evidence
Position in Landscape : Middle
Other Diseases :
Fire Barriers : pp, pb, pi, pr, pn
Trafficable Firebreaks: Yes
Need Maintenance : Yes
Age of Vegetation : 8-5 yrs

HISTORIC

Number Aboriginal Sites : 23
Estimated Site Value : High
European Sites Recorded : Ruins
Estimated Site Value : High
Details : Aborig. - artefact scatters, engravings, very sacred areas. Europ. - Remains of telegraph line, gravesites, water supply dam + parts of foundations and fence. Ruins at Hill Springs + Gattoobitch.

ACCESS

Access To Boundary : Limited
Access Within Reserve : Limited
Perimeter Length (km) : 186
Perimeter Abutting
Uncleared Land (ha) : 175
Uncleared Land Within
1 km of Boundary (ha): 17500
Percentage Adjoining
Priv. Prop + Fenced : 2
Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
Recreation Details : Occasional visitors to Mt Ranged and Pine Hill. Rest is wilderness
Research Projects : No
Research Details :
Facilities Available : None
Signposting Adequate : Yes
Condition of Signs : New

DISTURBANCE

Historical Disturbances : Part cleared, timber cutting
Current Disturbances : Borrow pits, mining tenement
Regeneration of B/Pits : Yes
Comments : Mining tenements for coal over entire northern part of Park - check.

ABIOIIC

Topographic Code : Rolling low hills
Special Topo Features : Monadnocks; mountains; breakaway
Geological Substrate : Gneiss
Special Geol Features : Fossils/dykes/sills
Surface Hydrology : Epheueral streams, salt lakes
Comments : Geol. features include wave cut benches

VEGETATION

Most Abundant Formation
Dominant Species : Eucalyptus spp.
Codominant Species :
Formation Type : Mallee
Canopy Cover U/S : 58
Height U/S : 4.0
Canopy Cover S/L : 10
Height S/L : 1.8
Soil Colour : Redbrown
Soil Texture : scl
Percentage Reserve : 98
Soil Representation: High
Comments : Vege extremely variable, mostly mixed mallee. Scattered patches of Euc. woodland - none extensive. Good stands of Callitris canescens at Pine Hill.

FLORA

Level of Knowledge : Anecdotal records
Floristic Richness : High
Gazetted Rare Species : Brevillea baxteri, Kennedia beckhamiana, several poorly distr. spp.
Weed Species : None of consequence.
Percentage of Reserve : 8.00

FAUNA

Level of Knowledge : Anecdotal records
Gazetted Rare Species : Not known - possibly Pseudonys occidentalis.
Nest Hollows Abundant : Yes

GENERAL COMMENTS

Age of vege 2 yrs (51), 3 yrs (452), 5 yrs (152) for whole Park. Sections on historic sites and perimeter length etc. refer to whole Park. Illegal mining grids near Pine Hill. Recommend addition of Nuyts wilderness to the east.

STATUS

Area (ha): 27945.0000 Lat/Long : 33 45S, 123 29E
 Purpose : National Park + Water File Officer : B. Muir + K. Tiedeman
 Vesting : NPWCA File Date : 10/10/06
 Shire : Esperance Field Officer:
 CWM File No : NSA 1 Field Date : / /
 Public Plan: Malcolma, 1:250,000 SI 51-7

ABIGOTIC

Topographic Code : Undulating hills
 Special Topo Features : Beaches;caves;adocks;mountain
 Geological Substrate : Gneiss
 Special Geol Features : Fossil deposits
 Surface Hydrology : Ephem. streams,freshwater lake,salt lake
 Comments : Topo features - dunes,overhang cave

VEGETATION

Most Abundant Formation Second Abundant Formation
 Dominant Species : Mixed spp. Banksia speciosa
 Codominant Species :
 Formation Type : Heath Shrubland
 Canopy Cover U/S : 70 80
 Height U/S : 1.0 4.0
 Canopy Cover 6/L : 0 5
 Height 6/L : 0.8 0.5
 Soil Colour : Yellowbrown White
 Soil Texture : 1sc 5
 Percentage Reserve : 60 20
 Soil Representation: High
 Comments : Some wetlands with sedges, some typical coastal heath. Stands of Euc.occidentalis on some rocky areas e.g. Bellinup Hill.

FLORA

Level of Knowledge : Species lists
 Floristic Richness : Moderate
 Bazzetted Rare Species : Several poorly distr. spp - see general comments.
 Weed Species : Assorted species around picnic areas.
 Percentage of Reserve : 0.50

FAUNA

Level of Knowledge : Partly surveyed
 Bazzetted Rare Species : None recorded but seals are frequent visitors, signifi. whale sightings.
 Most Hollows Abundant : No

GENERAL COMMENTS

Short faunal survey by L. Palmer in 1980. Rhadinophthalmus euphemiae, Scaevola brookesana, Kunzea baxteri, Boronia coriacea etc. on hills in southern portion. Facilities include camping areas, water supply, boat launching area and wal rails.

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : All
 Other Diseases :
 Fire Barriers : pp,db,pl,pr,pn
 Trafficable Firebreaks: Yes
 Need Maintenance : No
 Age of Vegetation : 0-5 yrs

HISTORIC

Number Aboriginal Sites : 8
 Estimated Site Value :
 European Sites Recorded :
 Estimated Site Value :
 Details : Data for 024047 (northern section) applies to whole Park - see above.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : High
 Perimeter Length (km) : 186
 Perimeter Abutting
 Uncleared Land (km) : 175
 Uncleared Land Within
 1 km of Boundary (ha): 17500
 Percentage Adjoining
 Priv.Prop + Fenced : 2
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : Yes
 Recreation Details : Heavy use of Mt. Arid area, Bellinup Hill area and Yokinup Bay.
 Research Projects : No
 Research Details :
 Facilities Available : Long-drop toilets,barbecues,Picnic sites,interpretation
 Signposting Adequate : Yes
 Condition of Signs : New

DISTURBANCE

Historical Disturbances : Tracks, timber cutting
 Current Disturbances : Tracks, borrow pits; Rubbish dump, mining tenement
 Regeneration of B/Pits : No
 Comments : Some borrow pits still in use - some regen. very slowly.

STATUS

Area (ha): 3864.0000
 Purpose : National Park + Recreation
 Vesting : NPRA
 Shire : Albany
 CALM File No : NPA 17
 Public Place: Albany, 1:100,000 2427

Lat/Long : 35 07S, 117 55E
 File Officer : B. Muir
 File Date : 14/10/86
 Field Officer:
 Field Date : / /

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : All
 Other Diseases : Armillaria?
 Fire Barriers : cp.cb.ci.cr.pn
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 5-10 yrs

ABIOTIC

Topographic Code : Steep hills
 Special Topo Features : Beaches;caves;monadnocks;gorge
 Geological Substrate : Gneiss
 Special Soil Features : Dykes/sills
 Surface Hydrology :
 Comments : Topo features - The Gap, Blowholes etc.

HISTORIC

Number Aboriginal Sites : 1
 Estimated Site Value : Medium
 European Sites Recorded : None
 Estimated Site Value :
 Details : Possible aboriginal structure at Linekins Point.

VEGETATION

Dominant Species : Agonis flexuosa
 Codominant Species :
 Formation Type : Shrubland
 Canopy Cover U/S : 20
 Height U/S : 4.0
 Canopy Cover S/L : 80
 Height S/L : 8.5
 Soil Colour : Greybrown
 Soil Texture : sl
 Percentage Reserve : 60
 Soil Representation: High
 Comments : 20% Lithic outcrop - some Agonis varies into a woodland.

ACCESS

Access To Boundary : High
 Access Within Reserve : High
 Perimeter Length (km) : 24.0
 Perimeter Adjoining
 Uncleared Land (km) : 24.0
 Uncleared Land Within
 1 km of Boundary (ha): 2400
 Percentage Adjoining
 Priv.Prop + Fenced : 0
 Fence Stockproof :

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Moderate
 Gazetted Rare Species : Acrotriche depressa, Adenanthos cunninghamii
 Weed Species :
 Percentage of Reserve : 0.00

USAGE

Significant Recreation Site : Yes
 Recreation Details : Main visitor and tourist area for Albany.
 Research Projects : Yes
 Research Details : Insect studies - refer files.
 Facilities Available : Long-drop toilets, flush toilets;Barbecues,picnic sites
 Signposting Adequate : Yes
 Condition of Signs : New

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

DISTURBANCE

Historical Disturbances : Borrow pits
 Current Disturbances : Mining tenement, utilities
 Regeneration of B/Pits : Yes
 Comments :

GENERAL COMMENTS

All of Park > 5 yrs old.

STATUS

Area (ha) : 1982.8888 Lat/Long : 35 88S, 117 12E
 Purpose : National Park File Officer : J.R. Watson + B. Muir
 Vesting : NPWA File Date : 01/05/86
 Shire : Denmark Field Officer :
 CALM File No : NPA 33 Field Date : / /
 Public Plan: Owingup-Perry Inlet/Denmark 1:58,888 2328-2.3

ABIGITIC

Topographic Code : Rolling hills
 Special Topo Features : Beaches, mudflats, swales
 Geological Substrate : Granite
 Special Geol Features : Fossil deposits
 Surface Hydrology : Permanent streams, freshwater lakes
 Comments : Dunes and swales, calcified roots.

VEGETATION

Most Abundant Formation	Second Abundant Formation
Dominant Species : <i>Azorella flexuosa</i>	<i>Eucalyptus diversicolor</i>
Codominant Species : <i>Acacia</i> sp.	<i>Trystium spatulatus</i>
Formation Type : Woodland	Woodland
Canopy Cover U/S : 88	88
Height U/S : 4.8	13.8
Canopy Cover G/L : 48	58
Height G/L : 1.8	2.8
Soil Colour : Yellow	Brown
Soil Texture : 5	15
Percentage Reserve : 88	18
Soil Representation: High	
Comments : Yellow sand for most parts of the Park. Coastal heath = 10% of the Park.	

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Moderate
 Gazetted Rare Species : There are rare Orchid species u.k.
 Weed Species : *Watsonia* and *Canal* Weed
 Percentage of Reserve : 1.80

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : Water Rat, Peregrine Falcon.
 Nest Hollows Abundant : Yes

GENERAL COMMENTS

Age of vege - Karri and *Azorella* ca. 16 yrs. Coastal heath 1-15 yrs.

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : Low
 Other Diseases : *Armillaria*
 Fire Barriers : *pp, pl, pr, pn*
 Trafficable Firebreaks: Yes
 Need Maintenance : No
 Age of Vegetation : 18-28 yrs

HISTORIC

Number Aboriginal Sites : 2
 Estimated Site Value : Medium
 European Sites Recorded : None
 Estimated Site Value :
 Details : Artefact scatters containing silcrete.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Moderate
 Perimeter Length (km) : 32.8
 Perimeter Abutting
 Uncleared Land (km) : 9.8
 1 km of Boundary (ha) : 980
 Percentage Adjoining
 Priv. Prop + Fenced : 1
 Fence Stockproof : No

USNBE

Significant Recreation Site : Yes
 Recreation Details : Significant area for fishing, swimming etc. and scenery.
 Research Projects : Yes
 Research Details : Refer to files.

Facilities Available : Flush toilets, barbecues, picnic sites
 Signposting Adequate : Yes
 Condition of Signs : Old

DISTURBANCE

Historical Disturbances : Tracks, timber cutting
 Current Disturbances :
 Regeneration of B/Pits :
 Comments :

STATUS

Area (ha): 12622.9888
 Purpose : Conservation of Flora
 Vesting : Unvested
 Shire : Esperance
 CALM File No : F4M 922776
 Public Plan: Esperance, 1:50,000 3230-11

Lat/Long : 33 51S, 121 39E
 File Officer : M. Walters
 File Date : 03/07/86
 Field Officer: B. Muir + M. Cavana
 Field Date : 26/10/86

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : All
 Other Diseases :
 Fire Barriers : pp, pi, pr, pn
 Trafficable Firebreaks: Yes
 Need Maintenance : No
 Age of Vegetation : 0-5 yrs

ABIOTIC

Topographic Code : Rolling low hills
 Special Topo Features : Beaches, sand dunes, dunes
 Geological Substrate : Limestone
 Special Geol Features :
 Surface Hydrology : Ephem. streams, salt lakes, saline marshes
 Comments : Saline marsh lands + dunes.

VEGETATION

Dominant Species : Mixed spp.
 Codominant Species :
 Formation Type : Heath
 Canopy Cover U/S : 70
 Height U/S : 0.5
 Canopy Cover E/L : 0
 Height E/L : 0.0
 Soil Colour : White
 Soil Texture : s
 Percentage Reserve : 50
 Soil Representation: High
 Comments : Extremely variable vegetation.

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Low
 Gazetted Rare Species : None recorded.
 Weed Species : Adjacent to farmland only.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Not many firebreaks for the size of the reserve. About 60% < 3 yrs old and 40% > 20 yrs. Access is high at the eastern end only, elsewhere limited. Facilities include walkways and many coastal features are signposted. Very high recreation use at E end.

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : High
 Access Within Reserve : Moderate
 Perimeter Length (km) : 47.6
 Perimeter Abutting
 Uncleared Land (km) : 0.0
 Uncleared Land Within
 1 km of Boundary (ha): 0
 Percentage Adjoining
 Priv. Prop + Fenced : 0
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : Yes
 Recreation Details : Eastern coastal end only.
 Research Projects : No
 Research Details :

Facilities Available : Flush toilets, picnic sites; Other - see comments
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Tracks
 Regeneration of B/Pits :
 Comments :

STATUS

Area (ha) : 181.1363 Lat/Long : 33 58S, 121 49E
 Purpose : Conservation of Flora File Officer : M. Hallers
 Vastling : Unvested File Date : 03/07/86
 Shire : Esperance Field Officer: B. Muir + M. Cavana
 CALM File No : FHM079/76 Field Date : 26/10/86
 Public Plant Esperance, 1:50,000 3230-11

ABIOITIC

Topographic Code : Rolling rises
 Special Topo Features : Dunes
 Geological Substrate : Limestone
 Special Geol Features :
 Surface Hydrology : Saline soaks
 Comments : Saline soaks + dune system.

VEGETATION

Most Abundant Formation Second Abundant Formation
 Dominant Species : *Acacia* spp. as coll. *Halosarcia bidenis*
 Codominant Species : *Salmia anticistophylla*
 Formation Type : Shrubland Other
 Canopy Cover U/S : 70 18
 Height U/S : 3.0 0.5
 Canopy Cover S/L : 10 0
 Height S/L : 8.5 2.2
 Soil Colour : White Grey
 Soil Texture : s qle
 Percentage Reserve : 90 5
 Soil Representation: Moderate
 Comments : Second most abundant is wetland.

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Low
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Pink Lake (not in reserve) has unusual pink colour due to bacteria. Age of veg > 10 yrs. Check aerial photos for adjacent uncleared land.

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pr
 Trafficable Firebreaks: Yes
 Need Maintenance : No
 Age of Vegetation : 18-20 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 10.8
 Perimeter Abutting
 Uncleared Land (km) : 0.0
 Uncleared Land Within
 1 km of Boundary (ha) : 0
 Percentage Adjoining
 Priv. Prop + Fenced : 0
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : Yes
 Research Details : D.C.E. Bulletin No. 262 (May 1986), 'The Pink Lake Hydrological Study Bro
 up Report.'
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : No signs of disturbance.

STATUS

Area (ha) : 183.6688
 Purpose : Conservation of Flora and Fauna
 Vesting : NPNC
 Shire : Albany
 CALM File No : FAW 581/67
 Public Plan: Redmond, 1:50,000 2428-111

Lat/Long : 34 59S, 117 44E
 File Officer : A.Williams
 File Date : 87/83/86
 Field Officer: A.Williams + M.Cavana
 Field Date : 31/83/86

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : cp.ci
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 10-20 yrs

ABIOTIC

Topographic Code : Undulating low hills
 Special Top Features :
 Geological Substrate : Laterite
 Special Soil Features :
 Surface Hydrology :
 Comments :

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Most Abundant Formation

Dominant Species : Allocasuarina fraseriana
 Codominant Species : Eucalyptus marginata
 Formation Type : Woodland
 Canopy Cover U/S : 50
 Height U/S : 15.0
 Canopy Cover S/L : 75
 Height S/L : 2.0
 Soil Colour : Greywhite
 Soil Texture : lfsy
 Percentage Reserve : 85
 Soil Representation: High
 Comments :

Second Abundant Formation

0
 0.0
 0
 0.0
 0
 0

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 4.1
 Perimeter Abutting
 Uncleared Land (km) : 1.1
 Uncleared Land Within
 1 km of Boundary (ha): 110
 Percentage Adjoining
 Priv.Prop + Fenced : 75
 Fence Stockproof : Yes

FLORA

Level of Knowledge : Species lists
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Need Species :
 Percentage of Reserve : 0.00

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Old

FAUNA

Level of Knowledge : Species lists
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

DISTURBANCE

Historical Disturbances : Timber cutting, borrow pits
 Current Disturbances :
 Regeneration of B/Pits : Yes
 Comments : Some erosion problems. Telecom cable (N bry), Powerlines (W bry).

GENERAL COMMENTS

Age of vege 11 yrs.

STATUS

Area (ha): 42.5173 Lat/Long : 33 49S, 121 47E
 Purpose : Conservation of Flora File Officer : M. Gavana
 Vesting : Unvested File Date : 25/09/86
 Shire : Esperance Field Officer: B. Muir + M. Gavana
 CWM File No : ----- Field Date : 26/10/86
 Public Plant: Esperance, 1:50,000 3230-11

Reserve Number : C24953 Name :

ABIOTIC

Topographic Code : Gently undulating rises
 Special Topo Features :
 Geological Substrate : Limestone
 Special Geol Features :
 Surface Hydrology : Ephemeral streams
 Comments :

VEGETATION

Most Abundant Formation
 Dominant Species : Melaleuca cuticularis
 Codominant Species :
 Formation Type : Woodland
 Canopy Cover U/S : 98
 Height U/S : 3.0
 Canopy Cover 6/L : 10
 Height 6/L : 1.0
 Soil Colour : White
 Soil Texture : S
 Percentage Reserve : 88
 Soil Representation: High
 Comments :

Second Abundant Formation
 Acacia spp.
 Shrubland
 28
 3.0
 30
 1.0
 Yellowbrown
 5
 20

FLORA

Level of Knowledge : No data
 Floristic Richness : Low
 Gazetted Rare Species : None recorded.
 Weed Species : Pasture grasses on aarains.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege < 10 yrs. Firebreaks are non-existent. Check aerial photos for adjacent uncleared land.

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : No firebreaks
 Trafficable Firebreaks:
 Weed Maintenance :
 Age of Vegetation : 5-10 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Limited
 Access Within Reserve : Nil
 Perimeter Length (km) : 4.3
 Perimeter Abutting
 Uncleared Land (km) : 0.0
 Uncleared Land Within
 1 km of Boundary (ha): 0
 Percentage Adjoining
 Priv. Prop + Fenced : 0
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No access.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Borrow pits
 Current Disturbances :
 Regeneration of B/Pits : No
 Comments : Gravel pit may not be on reserve - check air photo.

STATUS

Area (ha): 329.7188 Lat/Long : 34 33S, 118 04E
 Purpose : Conservation of Indigenous Flora File Officer : A. Williams
 Vesting : NPWA File Date : 11/03/86
 Shire : Plantagenet Field Officer: A. Williams
 CALM File No : FM 128/69 Field Date : 19/03/86
 Public Plan: Noorubup, 1:50,000 2528-IV

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pr.pn
 Trafficable Firebreaks:
 Need Maintenance :
 Age of Vegetation : 10-20 yrs

ABIOTIC

Topographic Code : Undulating rises
 Special Topo Features :
 Geological Substrate : Laterite?
 Special Geol Features :
 Surface Hydrology : Ephegeral streams, salt lakes
 Comments :

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Most Abundant Formation : Second Abundant Formation
 Dominant Species : Eucalyptus spp.
 Codominant Species : Melaleuca cuticularis

Formation Type : Mallee Woodland
 Canopy Cover U/S : 5 20
 Height U/S : 4.0 0.0
 Canopy Cover 6/L : 70 15
 Height 6/L : 1.0 0.1
 Soil Colour : Whitebrown Grey
 Soil Texture : Is S
 Percentage Reserve : 30
 Soil Representation: High

Comments : The Mel.cuticularis WL occurs in stands on slightly raised areas within the samphire. There is evidence of increased salt killing the trees.

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness :
 Gazetted Rare Species : Teuicornia uniflora (Samphire).
 Weed Species : None recorded.
 Percentage of Reserve : 0.00

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : Yes
 Research Details : Survey of S.W. wetlands- J.Lane W.R.C.
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

DISTURBANCE

Historical Disturbances : Tracks
 Current Disturbances :
 Regeneration of B/Pits :
 Comments :

GENERAL COMMENTS

Firebreaks are non-existent. Age of veg 15 yrs.

STATUS

Area (ha) : 52.1893 Lat/Long : 34 33S, 117 56E
 Purpose : Conservation of Flora and Fauna File Officer : M.Cavana
 Vesting : NPWS File Date : 16/09/86
 Shire : Plantagenet Field Officer: B.Muir + M.Cavana
 CALM File No : FWM187/76 Field Date : 22/10/86
 Public Plan: Porongorup, 1:50,000 2428-1

ABIDITIC

Topographic Code : Undulating rises
 Spectral Topo Features : Breakaways
 Geological Substrate : Siltstone, calcare
 Spectral Soil Features : Micaceous calcare
 Surface Hydrology : Ephemeral streams
 Comments : Laterised sandstone in substrate also.

VEGETATION

Most Abundant Formation	Second Abundant Formation
Dominant Species : Eucalyptus spp.	Mixed spp.
Codominant Species :	Dryandra sp.
Formation Type : Mallee	Heath
Canopy Cover U/S : 50	70
Height U/S : 4.8	1.8
Canopy Cover b/L : 88	8
Height b/L : 1.5	0.8
Soil Colour : Redbrown	Yellowbrown
Soil Texture : fs1	cs
Percentage Reserve : 68	20
Soil Representation: Moderate	
Comments : Allocasuarina acutivalvis Sl., E. wandoo W., breakaway complex make up other 20% of reserve.	

FLORA

Level of Knowledge : Species lists
 Floristic Richness : High
 Bazelated Rare Species : Thelymitra psammophila
 Weed Species : Minor occurrence on soil dump and along fence-lines.
 Percentage of Reserve : 0.80

FAUNA

Level of Knowledge : No data
 Bazelated Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of veg ca. 10 yrs. Illegal soil dump along S boundary - small area. Discrepancies in eastern boundary - check air photo.

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : CD,DF
 Trafficable firebreaks: Yes
 Weed Maintenance : No
 Age of Vegetation : 5-10 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 2.9
 Perimeter Abutting
 Uncleared Land (km) : 0.8
 Uncleared Land Within
 1 km of Boundary (ha) : 8
 Percentage Adjoining
 Priv.Prop + Fenced : 75
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : High conservation value.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Timber cutting, borrow pits
 Current Disturbances :
 Regeneration of B/Pits : No
 Comments :

Reserve Number : 625889

Name : Lake Powell Nature Reserve

STATUS

Area (ha): 192.8188
Purpose : Conservation of Flora and Fauna
Vesting : NPWCA
Shire : Albany
CALM File No : FMW 282/60
Public Plan: Torbay, 1:50,000 2427-IV

Lat/Long : 35 01S, 117 44E
File Officer : A. Williams
File Date : 07/03/86
Field Officer: A. Williams + M. Cavana
Field Date : 31/03/86

DIEBACK / FIRE

Dieback Presence : No evidence
Position in Landscape : Low
Other Diseases :
Fire Barriers : nr
Trafficable Firebreaks:
Need Maintenance :
Age of Vegetation : 10-20 yrs

ABIOIOTIC

Topographic Code : Level plain
Special Topo Features :
Geological Substrate : Granite?
Special Soil Features :
Surface Hydrology : Permanent streams, freshwater lake
Comments :

VEGETATION

Most Abundant Formation

Dominant Species : Melaleuca raphiophylla
Codominant Species : Acornis sp.
Formation Type : Woodland

Canopy Cover U/S : 90
Height U/S : 9.0
Canopy Cover S/L : 20
Height S/L : 0.5
Soil Colour : Grey
Soil Texture : Inc
Percentage Reserve : 10
Soil Representation:
Comments : 90% res. occupied by lake fringed by Acornis sp./low sedges. Woodland is located on SW side.

Second Abundant Formation

0
0.0
0
0.0
0

FLORA

Level of Knowledge : Anecdotal records
Floristic Richness : Low
Gazetted Rare Species : None recorded.
Weed Species : Patches of Tallorina.
Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
Gazetted Rare Species : Red-eared Firetail Finch.
Nest Hollows Abundant : No

GENERAL COMMENTS

Firebreaks are non-existent. Age of veg ca. 12 yrs. Vehicle restriction fences vandalised - need repair.

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Nil
Perimeter Length (km) : 6.0
Perimeter Abutting
Uncleared Land (km) : 2.0
Uncleared Land Within
1 km of Boundary (ha): 200
Percentage Adjoining
Priv. Prop + Fenced : 40
Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
Recreation Details : Maybe occasional bird watchers.
Research Projects : Yes
Research Details : Survey of S.W. wetlands- J. Lane W.R.C.

Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Tracks
Current Disturbances : Utilities
Regeneration of B/Pits :
Comments : Vehicle restriction fences vandalised. Sand erosion problem.

STATUS

Area (ha): 151.1956
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Cranbrook
 CALM File No : FM 285/82
 Public Plan: Mundurwo, 1:50,000 2429-11

Lat/Long : 34 18S, 117 48E
 File Officer : A. Williams
 File Date : 11/03/86
 Field Officer: A. Williams
 Field Date : 18/03/86

Reserve Number : A25812

Name : Salt Lake Nature Reserve

DIEBACK / FIRE

Dieback Presence : Uninterpretable
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : CD
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 10-20 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Limited
 Access Within Reserve : Limited
 Perimeter Length (km) : 5.1
 Perimeter Abutting
 Uncleared Land (ha) : 2.4
 1 km of Boundary (ha): 248
 Percentage Adjoining
 Priv. Prop + Fenced : 100
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : Difficult access.
 Research Projects : Yes
 Research Details : Survey of S.W. wetlands- J. Lane M.R.C.
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Old

DISTURBANCE

Historical Disturbances : Timber cutting
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : Firebreaks urgently need upgrading.

ABIOITIC

Topographic Code : Undulating rises
 Special Topo Features :
 Geological Substrate : Laterite
 Special Geol Features :
 Surface Hydrology : Salt lakes
 Coaments :

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus spp.
 Codominant Species : Banksia attenuata
 Formation Type : Mallee
 Canopy Cover U/S : 5
 Height U/S : 5.8
 Canopy Cover 6/L : 68
 Height 6/L : 2.8
 Soil Colour : Greywhite
 Soil Texture : s
 Percentage Reserve : 30
 Soil Representation:
 Comments : E. wandoo and E. occidentalis present. Sapphire around lake edge.

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 8.80

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege ca. 12 yrs. All firebreaks very overgrown - urgent need of maintenance.

STATUS

Area (ha): 27.1139 Lat/Long : 34 48S, 117 41E
 Purpose : Conservation of Flora File Officer : M. Walters
 Vesting : Unvested File Date : 03/07/86
 Shire : Plantagenet Field Officer: B. Muir + M. Cavana
 CALM File No : FM1117/76 Field Date : 28/10/86
 Public Plan: Redmond, 1:50,000 242B-III

ABIOTIC

Topographic Code : Gently undulating plain
 Special topo Features :
 Geological Substrate : Unknown
 Special Soil Features :
 Surface Hydrology :
 Comments : Wetland in Loc. 7852.

VEGETATION

	Most Abundant Formation	Second Abundant Formation
Dominant Species :	Eucalyptus marginata	
Codominant Species :		
Formation Type :	Woodland	
Canopy Cover U/S :	30	0
Height U/S :	18.0	0.0
Canopy Cover S/L :	70	0
Height S/L :	2.0	0.0
Soil Colour :	White	
Soil Texture :	s	
Percentage Reserve :	99	0
Soil Representation:	Moderate	
Comments :	Banksia coccinea, B. quercifolia abundant.	

FLORA

Level of Knowledge : No data
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege > 10 yrs. Only firebreaks are roads on N and E sides. Recommend Loc. 7852 be added to reserve. Change res. 25638 to Cons. of Flora and Fauna ??

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pp
 Trafficable Firebreaks:
 Weed Maintenance :
 Age of Vegetation : 10-20 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 2.2
 Perimeter Abutting
 Uncleared Land (km) : 0.0
 Uncleared Land Within
 1 km of Boundary (ha): 0
 Percentage Adjoining
 Priv. Prop + Fenced : 50
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : No signs of any disturbance.

STATUS

Area (ha) : 1815.5688
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Cradbrook
 CML File No : F&W 286/82
 Public Plan: Mondurup, 1:50,000 2429-11

Lat/Long : 34 17S, 117 58E

File Officer : A.Williams

File Date : 11/03/86

Field Officer: A.Williams + M.Cavana

Field Date : 18/03/86

AB1011C

Topographic Code : Gently undulating plain
 Special Topo Features :
 Geological Substrate : Not known.
 Special Geol Features :
 Surface Hydrology : Salt lakes
 Comments :

VEGETATION

Most Abundant Formation
 Dominant Species : *Lambertia inermis*
 Codominant Species :
 Formation Type : Shrubland
 Canopy Cover U/S : 38
 Height U/S : 3.8
 Canopy Cover 6/L : 68
 Height 6/L : 1.8
 Soil Colour : Pinkwhite
 Soil Texture : s
 Percentage Reserve : 42
 Soil Representation: High
 Comments : Patches of Swamp Yate WL near lakes. Brnd cover species rich heath.

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 8.88

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vega 18-15 yrs. Firebreak on E boundary in urgent need of maintenance. Possible acquisition of uncleared land north of Jebarjup lake.

DIEBACK / FIRE

Dieback Presence : Uninterpretable
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : cl,pp,gr,pm
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 18-28 yrs

HISTORIC

Number Aboriginal Sites : 8
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 14.6
 Perimeter Abutting
 Uncleared Land (ha) : 3.5
 Uncleared Land Within
 1 km of Boundary (ha): 358
 Percentage Adjoining
 Privy, Prop + Fenced : 180
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : Shooting and hunting - no evidence seen.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Old

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Utilities
 Regeneration of B/Pits :
 Comments : Telecom cable, powerlines.

STATUS

Area (ha): 3214.8208 Lat/Long : 34 17S, 118 00E
 Purpose : Conservation of Flora and Fauna File Officer : A. Williams
 Vesting : NPWCA File Date : 11/03/86
 Shire : Cranbrook Field Officer: A. Williams + M. Cavana
 CALM File No : F&W 286/82 Field Date : 19/03/86
 Public Plan: Mundurup/Chester Pass, 1:50,000 2429-11/III

DIEBACK / FIRE

Dieback Presence : Uninterpretable
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : CP, CI, DP, PP
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 20+ yrs

ABIOTIC

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Topographic Code : Gently undulating rises
 Special Topo Features :
 Geological Substrate : Arkosic s' stone + granite
 Special Geol Features : Fossil deposits
 Surface Hydrology : Epheareal streams, salt lakes
 Comments : Silicified fossil wood on S side of lake

Most Abundant Formation : Second Abundant Formation
 Dominant Species : Lambertia inermis Eucalyptus tetragona
 Codominant Species : Lambertia inermis
 Formation Type : Shrubland
 Canopy Cover U/S : 10 Mallee
 Height U/S : 2.0 30
 Canopy Cover B/L : 70 4.0
 Height B/L : 1.5 30
 Soil Colour : White
 Soil Texture : s
 Percentage Reserve : 50
 Soil Representation: High
 Comments : Several species of mallee. Species-rich heath. Some Swamp Yate ML.

FLORA

Level of Knowledge : Species lists
 Floristic Richness : High
 Gazetted Rare Species : Conostylis misera
 Weed Species : Paddy melon (northern boundary).
 Percentage of Reserve : 0.01

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege ca. 20 yrs. Part of eastern side burnt 1972. Patch burn 1973. Western Collieries Ltd. have placed an application for a mining tenement on reserve.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 26.5
 Perimeter Abutting
 Uncleared Land (km) : 7.5
 1 km of Boundary (ha): 750
 Percentage Adjoining
 Priv. Prop + Fenced : 82
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : Yes
 Research Details : Survey of S.W. wetlands- J. Lane W.R.C.
 Facilities Available : None
 Signposting Adequate : Yes
 Condition of Signs : New

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : No sign of any disturbance.

STATUS

Area (ha): 575.5182
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWS
 Shire : Albany
 CALM File No : FM 848/74
 Public Plant: Green Range, 1.58, 208 2529-1

Lat/Long : 34 49S, 118 27E
 File Officer : A. Williams
 File Date : 18/03/86
 Field Officer: B. Muir + M. Cavana
 Field Date : 18/02/86

Reserve Number : C26234

Name : Tinketup Nature Reserve

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : All
 Other Diseases :
 Fire Barriers : ci, pp, pr
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 0-5 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : Other
 Estimated Site Value : Medium
 Details : Saw Pit constructed in 1884 for timber for 'Warring Homestead' by Thomas Asha
 ore, Silcrete is possible source of artefacts but no definites found.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 16.8
 Perimeter Abutting
 Uncleared Land (km) : 13.8
 Uncleared Land Within
 1 km of Boundary (ha): 1388
 Percentage Adjoining
 Priv. Prop + Fenced : 58
 Fence Stockproof : No

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : Virtually undisturbed. Recommend addition of CS 628.

Topographic Code : Rolling hills
 Special Top Features : Breakaways
 Geological Substrate : Laterite/ironstone
 Special Soil Features : Silcrete deposits
 Surface Hydrology : Ephemeral streams
 Comments : Silcrete deposit. Granite outcrop E bdy.

VEGETATION

	Most Abundant Formation	Second Abundant Formation
Dominant Species	: Eucalyptus marginata	
Codominant Species	: Eucalyptus calophylla	
Formation type	: Woodland	
Canopy Cover U/S	: 38	0
Height U/S	: 12.8	0.8
Canopy Cover S/L	: 78	8
Height S/L	: 1.8	0.8
Soil Colour	: White	
Soil Texture	: 5	
Percentage Reserve	: 98	0
Soil Representation: High		
Comments	: Patches of E. decipiens. CS 628 worth inclusion in reserve - unusual Euc. W. + Agonis flexuosa in quillies.	

FLORA

Level of Knowledge : Species lists
 Floristic Richness :
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.80

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : Red-eared firetail Finch.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 4 yrs. All peripheral firebreaks except for NE side are impassable. Recommend inclusion of CS 628 to reserve.

STATUS

Area (ha): 788.1840
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Snowsham
 CALM File No : F&W 515/76
 Public Plan: Ellen Peak, 1:50,000 2529-11
 Lat/Long : 34 23S, 118 20E
 File Officer : A.Williams
 File Date : 18/03/86
 Field Officer: A.Williams
 Field Date : 27/03/86

ABIOTIC

Topographic Code : Undulating rises
 Special Top Features :
 Geological Substrate : Laterite
 Special Soil Features :
 Surface Hydrology : Ephem. streams, salt lakes, seasonal swamp
 Comments : Winter wet swamp.

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus tetragona
 Goddominant Species : Eucalyptus sp.
 Formation Type : Mallee
 Canopy Cover U/S : 15
 Height U/S : 5.0
 Canopy Cover S/L : 70
 Height S/L : 1.5
 Soil Colour : Greybrown
 Soil Texture : ss
 Percentage Reserve : 33
 Soil Representation: High
 Comments : Dense thickets of Melaleuca sp. also Dryandra, Banksia, Blackboys.

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species : Paddy mellon (along western side) and some pasture grasses.
 Percentage of Reserve : 8.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 15+ yrs. Firebreaks on eastern side impassable. Stock frequently moved from Loc.6287 to 6288 along firebreak track through centre of reserve.

DIEBACK / FIRE

Dieback Presence : Uninterpretable
 Position in Landscape : All
 Other Diseases :
 Fire Barriers : ci,pr,pp,pp
 Trafficable Firebreaks: No
 Need Maintenance : Yes
 Age of Vegetation : 10-20 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 15.7
 Perimeter Abutting :
 Uncleared Land (ha) : 2.5
 Uncleared Land Within
 1 km of Boundary (ha): 250
 Percentage Adjoining
 Priv.Prop + Fenced : 100
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : Yes
 Research Details : Depth gauge in lake. Wetland monitoring program.
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Timber cutting, utilities
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : Stock moved between loc.6287 and loc.6288 along f'break through res.

STATUS

Area (ha): 1007.6988 Lat/Long : 34 47S, 118 11E
 Purpose : Conservation of Flora and Fauna File Officer : A. Williams
 Vesting : NPWRA File Date : 13/03/86
 Shire : Albany Field Officer: A. Williams
 CALM File No : FSW 191/62 Field Date : 29/03/86
 Public Plan: Two Peoples Bay, 1:50,000 2528-111

ABJDTIC

Topographic Code : Undulating low hills
 Special Topo Features :
 Geological Substrate : Granite
 Special Geol Features :
 Surface Hydrology : Ephemeral streams, freshwater lake
 Comments :

VEGETATION

Most Abundant Formation	Second Abundant Formation
Dominant Species : <i>Bauera articulata</i>	<i>Eucalyptus marginata</i>
Codominant Species : <i>Bauera</i> sp.	<i>Eucalyptus calophylla</i>
Formation Type : Other	Woodland
Canopy Cover U/S : 95	25
Height U/S : 2.0	16.0
Canopy Cover S/L : 0	80
Height S/L : 8.0	1.0
Soil Colour : Greybrown	Grey
Soil texture : ac	15
Percentage Reserve : 50	20
Soil Representation: High	
Comments : Jarrah/marri understorey contains many sedges.	

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : None recorded.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of veg 3 yrs. Mr. Stephenson, reserve neighbour Loc. 5758 has demanded that CALM install a firebreak along N side of reserve. Risk of dieback spread to lower slopes. E and W bdy fences not stockproof. Borrow pits require rehabilitation.

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pr
 Trafficable Firebreaks:
 Weed Maintenance :
 Age of Vegetation : 0-5 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 15.8
 Perimeter Abutting
 Uncleared Land (km) : 5.0
 Uncleared Land Within
 1 km of Boundary (ha): 500
 Percentage Adjoining
 Priv.Prop + Fenced : 98
 Fence Stockproof : No

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : Yes
 Research Details : Survey of S.W. wetlands- J. Lane M.R.C.

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Old

DISTURBANCE

Historical Disturbances : Timber cutting, borrow pits
 Current Disturbances : Borrow pits
 Regeneration of B/Pits : Yes/no
 Comments : Downslope risk of Pc. Firebreak demanded along northern side.

Reserve Number : C26418 Name :

STATUS

Area (ha) : 150.1898
Purpose : Conservation of Flora and Fauna
Vesting : NPWCA
Shire : Esperance
CALM File No : FM 361/79
Public Plan: Munghlinup, 1:50,000 3030-1

Lat/Long : 33 44S, 120 54E
File Officer : A. Williams
File Date : 18/04/86
Field Officer: A. Williams
Field Date : 24/04/86

DIEBACK / FIRE

Dieback Presence : Uninterpretable
Position in Landscape : Low
Other Diseases :
Fire Barriers : pp, pr
Trafficable Firebreaks: Yes
Need Maintenance : Yes
Age of Vegetation : 18-20 yrs

ABIOTIC

Topographic Code : Undulating rises
Special Top Features :
Geological Substrate : Not known.
Special Soil Features :
Surface Hydrology : Epheemeral streams, freshwater lake
Comments : Seasonal freshwater lake.

VEGETATION

Most Abundant Formation : Second Abundant Formation
Dominant Species : Eucalyptus occidentalis
Codominant Species : Melaleuca cuticularis
Formation Type : Woodland
Canopy Cover U/S : 50
Height U/S : 8.8
Canopy Cover S/L : 20
Height S/L : 1.5
Soil Colour : Grey
Soil Texture : ahc
Percentage Reserve : 30
Soil Representation: Moderate
Comments : Other formations include Banksia speciosa (4-5m, 30% cov) over heath (1.5m, 95% cov) on yellow sand.

FLORA

Level of Knowledge : Anecdotal records
Floristic Richness : High
Gazetted Rare Species : None recorded.
Weed Species : Pasture grasses along bdy fences, Paddy mellons on firebreak.
Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
Gazetted Rare Species : None recorded.
Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 15+ yrs. Reserve neighbour, D. McKenzie (Singing Winds, Munghlinup 6450) is willing to construct and maintain firebreaks if CALM pays the costs. One third of reserve burnt 1971. Possible 1/2 ac. used for metal dump.

Munghlinup NR

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Limited
Perimeter Length (km) : 5.6
Perimeter Abutting
Uncleared Land (km) : 0.5
Uncleared Land Within
1 km of Boundary (ha): 50
Percentage Adjoining
Priv. Prop + Fenced : 98
Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
Recreation Details :
Research Projects : Yes
Research Details : S.W. wetlands monitoring program- J. Lane M.R.C.
Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Timber cutting
Current Disturbances :
Regeneration of B/Pits :
Comments : Some b'pits in adjacent res. Neighbour willing to maintain f'breaks.

STATUS

Area (ha) : 9.7989
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Albany
 CALM File No : FM1136/76
 Public Plan: Porongorups, 1:50,000 2428-1

Lat/Long : 34 45S, 118 00E
 File Officer : A.Williams
 File Date : 11/03/86
 Field Officer: A.Williams + S.Moore
 Field Date : 18/02/86

ABIOTIC

Topographic Code : Gently undulating rises
 Special Topo Features :
 Geological Substrate : Not known.
 Special Geol Features :
 Surface Hydrology :
 Comments :

VEGETATION

Most Abundant Formation	Second Abundant Formation
Dominant Species : <i>Banksia attenuata</i>	<i>Eucalyptus marginata</i>
Codominant Species :	<i>Eucalyptus calophylla</i>
Formation Type : Woodland	Woodland
Canopy Cover U/S : 5	18
Height U/S : 6.8	12.0
Canopy Cover 6/L : 75	70
Height 6/L : 1.5	2.0
Soil Colour : Grey	Grey
Soil Texture : s1	s1
Percentage Reserve : 75	25
Soil Representation: High	
Comments :	

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 18 yrs. Firebreaks very overgrown - large spoil heap along W boundary.

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pp,pr
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 5-10 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 1.4
 Perimeter Abutting
 Uncleared Land (ha) : 0.0
 Uncleared Land Within
 1 km of Boundary (ha): 0
 Percentage Adjoining
 Priv.Prop + Fenced : 100
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Timber cutting
 Current Disturbances :
 Regeneration of B/Pits :
 Comments :

STATUS

Area (ha): 1264.0000 Lat/Long : 34 48S, 118 20E
 Purpose : National Park File Officer : B. Muir
 Vesting : NPWCA File Date : 10/10/86
 Shire : Albany Field Officer:
 CALM File No : NPA 32/1 Field Date : / /
 Public Plan: Green R./Mt. Manyneaks, 1:50,000 2528-1/11

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pi,pr
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation :

ABIOTIC

Topographic Code : Undulating low hills
 Special Top Features :
 Geological Substrate : Laterite, some gneiss
 Special Geol Features :
 Surface Hydrology :
 Comments :

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded :
 Estimated Site Value :
 Details :

VEGETATION

Most Abundant Formation Second Abundant Formation
 Dominant Species : Eucalyptus calophylla Mixed spp.
 Codominant Species : Eucalyptus marginata
 Formation Type : Woodland
 Canopy Cover U/S : 60
 Height U/S : 6.0
 Canopy Cover S/L : 30
 Height S/L : 1.0
 Soil Colour : Redbrown
 Soil Texture : scl
 Percentage Reserve : 50
 Soil Representation: Poor
 Comments : Vegetation highly variable because of linear nature of the Park.

FLORA

Level of Knowledge : No data
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species :
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vegetation is variable due to linear nature of the Park.

ACCESS

Access To Boundary : High
 Access Within Reserve : High
 Perimeter Length (km) : 79.7
 Perimeter Abutting
 Uncleared Land (km) : 0.0
 Uncleared Land Within
 1 km of Boundary (ha): 0
 Percentage Adjoining
 Priv.Prop + Fenced : 0
 Fence Stockproof :

USAGE

Significant Recreation Site : No
 Recreation Details : Possibly some wildflower observation. Park is basically road verge
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : Yes
 Condition of Signs : New

DISTURBANCE

Historical Disturbances : Part cleared, timber cutting
 Current Disturbances : Tracks, borrow pits; Mining tenement, utilities
 Regeneration of B/Pits :
 Comments : M = mining tenement active.

Reserve Number : 026652 Name :

STATUS

Area (ha) : 126.4989 Lat/Lon : 33 49S, 120 11E
Purpose : Cons. Flora + Rest. Place for Trav File Officer : M. Cavana
Vesting : Unvested File Date : 11/09/86
Shire : Ravenshoe Field Officer: B. Muir + M. Cavana
CALM File No : FM1148/76 Field Date : 24/10/86
Public Plant: Hopebush, 1:50,000 2930-111

ABiotic

Topographic Code : Sently undulating rises
Special Topo Features :
Geological Substrate : Laterite, alluvial flats
Special Soil Features :
Surface Hydrology : Rivers
Comments : River on west boundary.

VEGETATION

Most Abundant Formation Second Abundant Formation
Dominant Species : Eucalyptus tetradoma Eucalyptus spp.
Codominant Species : Eucalyptus tetradoma
Formation Type : Halloo Halloo
Canopy Cover U/S : 50 70
Height U/S : 3.0 2.8
Canopy Cover S/L : 80 50
Height S/L : 1.8 1.5
Soil Colour : Yellowbrown Yellowbrown
Soil texture : fs1 C5
Percentage Reserve : 68 48
Soil Representation: High
Comments : Allocasuarina huegeliana stands along river on W boundary.

FLORA

Level of Knowledge : Anecdotal records
Floristic Richness : Moderate
Gazetted Rare Species : None recorded.
Weed Species : Abundant along river flats.
Percentage of Reserve : 0.80

FAUNA

Level of Knowledge : Anecdotal records
Gazetted Rare Species : None recorded.
Nest Holms Abundant : No

GENERAL COMMENTS

Age of vege > 10 yrs. Roads on N and E sides and river on W side act as firebreaks. Recommend inclusion of river reserve. Some road widening on E boundary. Most of the disturbance occurs on river reserve.

DIEBACK / FIRE

Dieback Presence : No evidence
Position in Landscape : Low
Other Diseases :
Fire Barriers : pr.pn
Trafficable Firebreaks: Yes
Need Maintenance : No
Age of Vegetation : 18-20 yrs

HISTORIC

Number Aboriginal Sites : 8
Estimated Site Value :
European Sites Recorded : Other
Estimated Site Value : Low
Details : Old chimney + scattered old junk on river flats adjacent to reserve.

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Limited
Perimeter Length (km) : 0.0
Perimeter Abutting
Uncleared Land (km) : 0.0
Uncleared Land Within
1 km of Boundary (ha) : 8
Percentage Adjoining
Priv.Prop + Fenced : 0
Fence Stockproof :

USAGE

Significant Recreation Site : Yes
Recreation Details : River reserve used for camping.
Research Projects : No
Research Details :
Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Part cleared, timber cutting/borrow pits, rubbish
Current Disturbances : Tracts
Regeneration of B/Pits : Yes
Comments : Most disturbance occurs on the river reserve.

STATUS

Area (ha) : 1718.4800 Lat/Long : 34 35S, 118 13E
 Purpose : Conservation of Flora and Fauna File Officer : A.Williams
 Vesting : NPWCA File Date : 13/03/86
 Shire : Albany Field Officer: A.Williams
 CALM File No : FM 501/73 Field Date : 19/03/86
 Public Plan: Noorup, 1:50,000 2528-IV

DIEBACK / FIRE

Dieback Presence : Uninterpretable
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pp,bb,pr
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 20+ yrs

ABIGISTIC

Topographic Code : Undulating rises
 Special Topo Features :
 Geological Substrate : Laterite.
 Special Geol Features :
 Surface Hydrology :
 Comments :

VEGETATION

Most Abundant Formation Second Abundant Formation
 Dominant Species : Mixed shrubland
 Codominant Species : Eucalyptus spp.
 Formation type : Shrubland
 Canopy Cover U/S : 30
 Height U/S : 3.0
 Canopy Cover E/L : 70
 Height E/L : 1.5
 Soil Colour : Brewwhite
 Soil Texture : ls
 Percentage Reserve : 90
 Soil Representation: High
 Comments : Mainly dense mixed shrubland-mallee/dense species rich u'story.

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : High
 Gazetted Rare Species : Conostylis alba
 Weed Species :
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Partly surveyed
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 15-30 yrs. Fauna - part surveyed by T.Milewski. Vegetation surveyed and asssed by T.Milewski. South Stirling T.S. boundaries are not defined on ground. Trial scrapes for gravel on W bdy just north of Stirling Rd.

ACCESS

Access To Boundary : High
 Access Within Reserve : Moderate
 Perimeter Length (km) : 32.5
 Perimeter Abutting
 Uncleared Land (km) : 3.8
 1 km of Boundary (ha): 300
 Percentage Adjoining
 Priv.Prop + Fenced : 75
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No records.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Stomposting Adequate : No
 Condition of Signs : Old

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Tracks, borrow pits,Rubbish dumps, utilities
 Regeneration of B/Pits : No
 Comments : Recent damage by bulldozer : W boundary north of Stirling Rd.

STATUS

Area (ha): 1839.8600
 Purpose : Conservation of Flora and Fauna
 Vesting : NENCA
 Site : Gnomogweng
 CALM File No : F&M 506/76
 Public Plant: Moondingalup, 1:50,000 2630-111

Reserve Number : C26792 Name :

DIEBACK / FIRE

Dieback Presence : Uninterpretable
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pp,pr
 Trafficable Firebreaks: Yes
 Weed Maintenance : Yes
 Age of Vegetation : 28+ yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 9.5
 Perimeter Abutting
 Uncleared Land (km) : 1.4
 Uncleared Land Within
 1 km of Boundary (ha): 140
 Percentage Adjoining
 Priv.Prop + Fenced : 85
 Fence Stockproof : Yes

USABE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Borrow pits
 Regeneration of B/Pits : Yes
 Comments : Res. baited for wild dogs. 2 b'pits on southern road reserve.

ABIOITIC

Topographic Code : Gently undulating rises
 Special Tapa Features :
 Geological Substrate : Laterite?
 Special Soil Features :
 Surface Hydrology : Ephemeral streams
 Comments :

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus spp.
 Second Abundant Formation
 Codominant Species :
 Formation Type : Mallee
 Eucalyptus platypus
 Canopy Cover U/S : 35
 Height U/S : 5.8
 Canopy Cover S/L : 78
 Height S/L : 1.5
 Soil Colour : Grey
 Soil Texture : CS
 Percentage Reserve : 88
 Soil Representation: High
 Comments : Euc. platypus : - very little ground cover but leaf litter 50cm deep.

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : None recorded.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vega 20-30+ yrs. Vegetation included in K.Newbey's M.Sc. Thesis. Recommend addition of water reserve No.22343. Reserve baited for wild dogs. Gravel pits on road res. may encroach on to nature reserve. (ca. 2 ha).

STATUS

Area (ha) : 433.9800 Lat/Long : 34 12S, 118 41E
 Purpose : Conservation of Flora and Fauna File Officer : A. Williams
 Vesting : NPWCA File Date : 11/03/86
 Shire : Jereraunup Field Officer: B. Muir + M. Cavana
 CALM File No : F&M 710/69 Field Date : 19/02/86
 Public Plan: Cowaitup, 1:50,000 2629-1W

Dieback / FIRE

Dieback Presence : No evidence
 Position in Landscape : High
 Other Diseases :
 Fire Barriers : CP, pr
 Trafficable Firebreaks: No
 Need Maintenance : Yes
 Age of Vegetation : 18-20 yrs

ABIOYIC

HISTORIC

Topographic Code : Rolling hills
 Special Top Features : Breakaways
 Geological Substrate : Not known.
 Special Soil Features : Fossil deposits
 Surface Hydrology : Ephemeral streams
 Comments : Pallinup siltstone exposures.

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Most Abundant Formation : Second Abundant Formation
 Dominant Species : Eucalyptus spp. Eucalyptus tetragona
 Codominant Species :
 Formation Type : Mallee
 Canopy Cover U/S : 40
 Height U/S : 3.0
 Canopy Cover S/L : 60
 Height S/L : 1.0
 Soil Colour : Redbrown
 Soil Texture : cl
 Percentage Reserve : 60
 Soil Representation: High
 Comments : Fairly homogenous overall but variable in dominance.

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : None recorded.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded but Mallee Fowl have been recorded breeding.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 18-20 yrs. Vegetation included in K. Newbey's M.Sc Thesis. Reserve needs additional internal firebreaks. Mallee Fowl have been recorded breeding.

ACCESS

Access To Boundary : High
 Access Within Reserve : Nil
 Perimeter Length (km) : 31.0
 Perimeter Abutting :
 Uncleared Land (km) : 2.0
 Uncleared Land Within :
 1 km of Boundary (ha): 0
 Percentage Adjoining :
 Priv. Prop + Fenced : 20
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Borrow pits
 Current Disturbances : Borrow pits
 Regeneration of B/Fits : No
 Comments :

STATUS

Area (ha) : 5199.5854 Lat/Long : 33 48S, 121 25E
 Purpose : Conservation of Flora File Officer : M. Cavana
 Vesting : Unvested File Date : 25/09/86
 Shire : Esperance Field Officer : B. Muir + M. Cavana
 CALM File No : F41140/76 Field Date : 25/10/86
 Public Plan: Lake Bore/Moonanup, 1:50,000 3238-111/3138-11

ABIOITIC

Topographic Code : Gently undulating rises
 Special Topo Features :
 Geological Substrate : Limestone
 Special Geol Features :
 Surface Hydrology : Ephemeral streams, salt lakes
 Comments :

VEGETATION

Most Abundant Formation	Second Abundant Formation
Dominant Species : Banksia speciosa	Melaleuca spp.
Dominant Species : Lambertia inermis	
Formation Type : Shrubland	Shrubland
Canopy Cover U/S : 80	18
Height U/S : 3.0	2.8
Canopy Cover S/L : 60	5
Height S/L : 1.0	0.5
Soil Colour : White	Grey
Soil Texture : s	qle
Percentage Reserve : 38	40
Soil Representation: High	
Comments :	

FLORA

Level of Knowledge : Partly surveyed
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of wetland complex 10-20 yrs. See C26885 above for further comments.

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : cm, pp
 Trafficable Firebreaks: Yes
 Weed Maintenance : Yes
 Age of Vegetation : 10-20 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 30.9
 Perimeter Abutting
 Uncleared Land (km) : 6.0
 Uncleared Land Within
 1 km of Boundary (ha) : 600
 Percentage Adjoining
 Priv. Prop + Fenced : 0
 Fence Stockproof :

USAGE

Significant Recreation Site : Yes
 Recreation Details : Increasing visitation at Quailup Lake.
 Research Projects : No
 Research Details :

Facilities Available : Barbecues, picnic sites
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : No signs of any disturbance.

Reserve Number : C26885 Name : ----- inland section -----

STATUS

Area (ha): 5199.5854 Lat/Long : 33 48S, 121 25E
Purpose : Conservation of Flora File Officer : M. Cavana
Vesting : Unvested File Date : 25/09/86
Shire : Esperance Field Officer: B. Muir + M. Cavana
CALM File No : F&W1148/76 Field Date : 25/10/86
Public Plan: Lake Gore/Moonrup, 1:50,000 3238-III/3138-II

DIEBACK / FIRE

Dieback Presence : Suspected
Position in Landscape : Low
Other Diseases :
Fire Barriers : ch.pp
Trafficable Firebreaks: Yes
Need Maintenance : Yes
Age of Vegetation : 5-10 yrs

ABIDITIC

Topographic Code : Undulating rises
Special Topo Features : Beaches, monadnocks
Geological Substrate : Limestone
Special Geol Features :
Surface Hydrology :
Comments :

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

VEGETATION

Most Abundant Formation Second Abundant Formation

Dominant Species : Acacia spp.

Codominant Species :

Formation Type : Shrubland

Canopy Cover U/S : 70

Height U/S : 3.0

Canopy Cover S/L : 30

Height S/L : 1.0

Soil Colour : White

Soil Texture : S

Percentage Reserve : 60

Soil Representation:

Comments :

FLORA

Level of Knowledge : Partly surveyed

Floristic Richness : Low

Gazetted Rare Species : None recorded.

Need Species :

Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records

Gazetted Rare Species : None recorded.

Nest Hollows Abundant : No

GENERAL COMMENTS

Age of coastal heath 5-10 yrs. Lookout at Quallilup Lake proposed. Eastern boundary currently under revision. Esperance Shire - "Foreshore Management Project (1984/5)". D.C.E. proposal to adjoin reserves 26885, 27988 and 38672.

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Limited
Perimeter Length (km) : 38.9
Perimeter Abutting
Uncleared Land (km) : 6.0
Uncleared Land Within
1 km of Boundary (ha): 600
Percentage Adjoining
Priv. Prop + Fenced : 0
Fence Stockproof :

USAGE

Significant Recreation Site : Yes
Recreation Details : Increasing visitation at Quallilup Lake.
Research Projects : No
Research Details :

Facilities Available : Barbecues, picnic sites
Signposting Adequate :
Condition of Signs :

DISTURBANCE

Historical Disturbances :

Current Disturbances :

Regeneration of B/Fits :

Comments : No signs of any disturbance.

STATUS

Area (ha): 648.5850
 Purpose : Conservation of Flora
 Vesting : Unvested
 Shire : Esperance
 CALM File No : FM1152/76
 Public Plans : 1 : 1 mile 423/88

Reserve Number : C26893

Name :

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : All
 Other Diseases :
 Fire Barriers : pp
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 28+ yrs

ABIOTIC

Topographic Code : Rolling low hills
 Special Topo Features :
 Geological Substrate : Limestone
 Special Geol Features :
 Surface Hydrology : Ephemeral streams
 Comments :

VEGETATION

Most Abundant Formation	Second Abundant Formation
Dominant Species : Mixed coastal spp.	Eucalyptus spart
Codominant Species :	
Formation Type : Heath	Mallee
Canopy Cover U/S : 78	SB
Height U/S : 1.8	4.8
Canopy Cover G/L : 8	SB
Height G/L : 0.8	1.8
Soil Colour : White	White
Soil Texture : s	s
Percentage Reserve : 98	5
Soil Representation: High	
Comments :	

FLORA

Level of Knowledge : No data
 Floristic Richness : Low
 Gazetted Rare Species : None recorded.
 Weed Species : Brassica tournefortii scattered along tracks.
 Percentage of Reserve : 8.88

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege > 28 yrs. Recoreseed inclusion of the dune system to the west of the reserve. Check aerial photos for adjacent uncleared land.

ACCESS

Access To Boundary : Limited
 Access Within Reserve : Nil
 Perimeter Length (km) : 6.1
 Perimeter Abutting
 Uncleared Land (km) : 0.8
 Uncleared Land Within
 1 km of Boundary (ha): 8
 Percentage Adjoining
 Priv.Prop + Fenced : 8
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : Horse-riding along bdry - otherwise no access.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : No signs of any disturbance.

STATUS

Area (ha): 492.0028
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Albany
 CALM File No : F41153/76
 Public Plan: Haul Off Rock, 1:50,000 2628-IV

Lat/Long : 34 35S, 118 37E
 File Officer : A. Williams
 File Date : 11/03/86
 Field Officer: B. Muir + M. Cavana
 Field Date : 18/02/86

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : ci,pp
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 20+ yrs

ABIOTIC

Topographic Code : Undulating rises
 Special Topo Features :
 Geological Substrate : Laterite, siltstone
 Special Geol Features : Fossil deposits
 Surface Hydrology : Freshwater lakes
 Comments : Epheueral lake, part cleared.

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Dominant Species : Most Abundant Formation
 Codominant Species : Mixed shrubland
 Formation Type : Shrubland
 Canopy Cover U/S : 60
 Height U/S : 2.0
 Canopy Cover S/L : 70
 Height S/L : 1.0
 Soil Colour : White
 Soil Texture : s
 Percentage Reserve : 60
 Soil Representation: High
 Comments : Wettest areas with Melaleuca cuticularis, Banksia littoralis.

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species : Raphanus raphanistrum, Solanum nigrum, Plantago major, Sonchus sp.
 Percentage of Reserve : 1.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 20+ yrs. Vegetation included in K. Newbey's M.Sc Thesis. West end of adjacent Lbc. 6597 with abundant Scotch Thistle. Partially cleared area visible from the air only.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 11.0
 Perimeter Abutting
 Uncleared Land (km) : 1.1
 Uncleared Land Within
 1 km of Boundary (ha): 110
 Percentage Adjoining
 Priv.Prop + Fenced : 100
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : Yes
 Research Details : Survey of S.W. wetlands- J.Lane M.R.C.

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Borrow pits
 Current Disturbances : Borrow pits, utilities, part cleared
 Regeneration of B/Pits : No
 Comments : West end of loc. 6897 has abundant Scotch Thistle.

STATUS

Area (ha): 61428.8888
 Purpose : National Park
 Vesting : NP/CA
 Shire : Dundas + K'ithere
 CALM File No : NPA 22
 Public Plan: Hope 1:100,000 2932

Reserve Number : 027023 Name : FRANK HANN NATIONAL PARK

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pi,pr,br
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 10-20 yrs

HISTORIC

Number Aboriginal Sites : 2
 Estimated Site Value : Low
 European Sites Recorded : Other
 Estimated Site Value : High
 Details :
 e. Aborig.- 2 uninterpretable stone arrangements. Europ.- Lillian Stokes gravesite

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 165
 Perimeter Abutting :
 Uncleared Land (km) : 165
 Uncleared Land Within :
 1 km of Boundary (ha): 16588
 Percentage Adjoining :
 Priv.Prog + Fenced : 8
 Fence Stockproof :
 Usage

Significant Recreation Site : No
 Recreation Details : No attractions - main road passes through centre of Park.
 Research Projects : Yes
 Research Details : M.A.Museum survey, D.Mont's study.

Facilities Available : None
 Signposting Adequate : Yes
 Condition of Signs : Old

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Borrow pits, mining tenement
 Regeneration of B/Pits : No
 Comments : M = Mining tenement active over most of the Park.

VEGETATION

Topographic Code : Undulating rises
 Special Topo Features : Monadnocks/breakaways
 Geological Substrate : Quatern. marine sediments
 Special Reol Features :
 Surface Hydrology : Ephemeral streams, salt lakes, claypans
 Comments : Salt pans and minor breakaways

Most Abundant Formation : Second Abundant Formation
 Dominant Species : Eucalyptus spp. Mixed spp.
 Codominant Species :

Formation Type : Mallee
 Canopy Cover U/S : 30
 Height U/S : 4.8
 Canopy Cover S/L : 20
 Height S/L : 1.5
 Soil Colour : Yellow
 Soil Texture : fsl
 Percentage Reserve : 30
 Soil Representation: High

Comments : Considerable complexity in the vegetation. Ref. "Vegetation Survey of Frank Hann National Park."

FLORA

Level of Knowledge : Partly surveyed
 Floristic Richness : Moderate
 Rare Species : Halosarcia entichnora
 Weed Species :
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Partly surveyed
 Rare Species : Considerable detail on fauna from M.A.Museum records.
 Nest Hollows Abundant : Yes

GENERAL COMMENTS

Age of veger - 402 18yrs (1968 burn) and 402 15 yrs (1971 burn).

Reserve Number : C27886 Name : *Anderson NL*

STATUS

Area (ha): 807.0570
Purpose : Conservation of Flora
Vesting : Unvested
Shire : Esperance
CALM File No : FM1156/76
Public Plan: Orleans, 1:50,000 3430-111

DIEBACK / FIRE

Dieback Presence : No evidence
Position in Landscape : Low
Other Diseases :
Fire Barriers : No f'breaks
Trafficable Firebreaks:
Need Maintenance :
Age of Vegetation : 10-20 yrs

ABORIGINAL

Topographic Code : Gently undulating rises

Special Topo Features :

Geological Substrate : Laterite

Special Geol Features :

Surface Hydrology : Epheermal streams, salt lakes

Comments :

Number Aboriginal Sites : 8
Estimated Site Value :
European Sites Recorded :
Estimated Site Value :
Details : Several aboriginal sites recorded in surrounding district but none on reserve

VEGETATION

Dominant Species : Mixed spp.

Codominant Species :

Formation Type : Heath

Canopy Cover U/S : 80

Height U/S : 0.5

Canopy Cover S/L : 0

Height S/L : 0.8

Soil Colour : White

Soil Texture : SC

Percentage Reserve : 80

Soil Representation: High

Comments : Patches of *Nuytsia floribunda*.

ACCESS

Access To Boundary : Nil

Access Within Reserve : Nil

Perimeter Length (km) : 12.0

Perimeter Abutting

Uncleared Land (km) : 12.0

Uncleared Land Within

1 km of Boundary (ha): 1200

Percentage Adjoining

Priv.Prop + Fenced : 0

Fence Stockproof :

FLORA

Level of Knowledge : Anecdotal records

Floristic Richness : Moderate

Gazetted Rare Species : None recorded.

Need Species :

Percentage of Reserve : 0.00

Significant Recreation Site : No
Recreation Details : No access. Main rec. sites occur on coast.
Research Projects : No
Research Details :

Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

FAUNA

Level of Knowledge : Species lists

Gazetted Rare Species : None recorded.

Nest Hollows Abundant : No

GENERAL COMMENTS

Comments : No signs of any disturbance.

DISTURBANCE

Historical Disturbances :

Current Disturbances :

Regeneration of B/Pits :

Comments : No signs of any disturbance.

STATUS

Area (ha) : 37.7142
 Purpose : Conservation of Flora
 Vesting : Unvested
 Shire : Esperance
 CALM File No : FEM157/76
 Public Plan: Orleans, 1:50,000 3430-111

Reserve Number : C27087

Name :

Lat/Long : 33 50S, 122 48E
 File Officer : M. Cavana
 File Date : 16/09/86
 Field Officer: B. Muir + M. Cavana
 Field Date : 27/10/86

ABIOITIC

Topographic Code : Slightly undulating rises
 Special Topo Features :
 Geological Substrate : Laterite
 Special Geol Features :
 Surface Hydrology :
 Comments :

VEGETATION

Dominant Species	Host Abundant Formation	Second Abundant Formation
Codominant Species :		
Formation Type	: Heath	
Canopy Cover U/S	: 70	
Height U/S	: 0.5	0
Canopy Cover S/L	: 0	0.0
Height S/L	: 0.0	0
Soil Colour	: White	0.0
Soil Texture	: s	
Percentage Reserve	: 90	0
Soil Representation:	High	
Comments	: Patches of Banksia speciosa, dense Acronis, Myrsia.	

FLORA

Level of Knowledge : No data
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : Adjacent to cleared farmland.
 Percentage of Reserve : 0.00

FADUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of weeds 10 yrs. Possible road to Alexander Bay crossing reserve. Recommend inclusion of VFL to the south + link to 27086. See report - "Esperance Eastern Coast Planning & Management Report" - D.C.E. Bulletin No. 173, January 1984

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pp,pr
 Trafficable Firebreaks: Yes
 Weed Maintenance : No
 Age of Vegetation : 5-10 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

: Many aboriginal sites recorded in surrounding district but none in reserve.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 3.0
 Perimeter Abutting
 Uncleared Land (km) : 2.0
 Uncleared Land Within
 1 km of Boundary (ha) : 200
 Percentage Adjoining
 Priv. Prop + Fenced : 30
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : Main rec. sites occur on coast.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : No signs of any disturbance.

STATUS

Area (ha): 338.3170 Lat/Long : 34 49S, 118 87E
 Purpose : Conservation of Flora and Fauna File Officer : A. Williams
 Vesting : NPWSA File Date : 12/03/86
 Shire : Albany Field Officer: A. Williams
 CALM File No : F&W 191/52 Field Date : 29/03/86
 Public Plan: Two Peoples Bay 1:50,000 2528-III

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : High
 Other Diseases :
 Fire Barriers : cp.pr
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 10-20 yrs

ABIOTIC

Topographic Code : Rolling Hills
 Special Topo Features : Monadnocks
 Geological Substrate : Granite
 Special Geol Features :
 Surface Hydrology :
 Comments :

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus marginata
 Codominant Species : Eucalyptus calophylla
 Formation Type : Woodland
 Canopy Cover U/S : 40
 Height U/S : 18.8
 Canopy Cover E/L : 75
 Height E/L : 1.5
 Soil Colour : Greywhite
 Soil Texture : ls
 Percentage Reserve : 40
 Soil Representation: High
 Comments : Allocasuarina fraseriana important component of WL formation. Vegetation described by S. Folley (report on file).

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 7.0
 Perimeter Abutting
 Uncleared Land (km) : 1.5
 Uncleared Land Within
 1 km of Boundary (ha): 150
 Percentage Adjoining
 Priv. Prop + Fenced : 65
 Fence Stockproof : Yes

FLORA

Level of Knowledge : Species lists
 Floristic Richness : High
 Gazetted Rare Species : Banksia brownii, Eucalyptus acies
 Weed Species : None recorded.
 Percentage of Reserve : 0.00

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

DISTURBANCE

Historical Disturbances : Timber cutting, borrow pits
 Current Disturbances : Part cleared
 Regeneration of B/Pits : Yes
 Comments : Small erosion problem with borrow pits.

GENERAL COMMENTS

Age of vege 10+ yrs. Firebreaks need urgent attention. Some ripping and levelling may be required to solve erosion problem in old borrow pit.

STATUS

Area (ha): 367.4546
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Albany
 CAM File No : FVM 217/63
 Public Plant Mount Many Peaks, 1:50,000 2528-11

Reserve Number : C27157 Name : Cheyne Road Nature Reserve

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : All
 Other Diseases :
 Fire Barriers : DP, PB, PR
 Trafficable Firebreaks : Yes
 Need Maintenance : Yes
 Age of Vegetation : 10-20 yrs

ABIGIOTIC

HISTORIC

Topographic Code : Rolling low hills
 Special Topo Features :
 Geological Substrate : Granite
 Special Soil Features :
 Surface Hydrology : Freshwater SWAMP
 Comments : Fresh water swamp.

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Most Abundant Formation

Second Abundant Formation

Dominant Species : Hakea sp.
 Codominant Species :
 Formation Type : Shrubland
 Canopy Cover W/S : 20
 Height W/S : 3.8
 Canopy Cover E/L : 70
 Height E/L : 1.5
 Soil Colour : Greywattle
 Soil Texture : si
 Percentage Reserve : 40
 Soil Representation: High
 Comments : Mel. cuticularis low ML fringes lake. Lake contains low dense sedges ca. 90% cover.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Moderate
 Perimeter Length (km) : 9.5
 Perimeter Abutting
 Uncleared Land (ha) : 3.2
 Uncleared Land Within
 1 km of Boundary (ha) : 330
 Percentage Adjoining
 Priv. Prop + Fenced : 30
 Fence Stockproof : Yes

FLORA

USAGE

Level of Knowledge : Species lists
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.00

Significant Recreation Site : Yes
 Recreation Details : Duck shooting.
 Research Projects : Yes
 Research Details : Survey of S.W. wetlands- J. Lane W.R.C.

FAUNA

DISTURBANCE

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Old
 Historical Disturbances : Borrow pits
 Current Disturbances : Utilities
 Regeneration of B/Pits : Yes/no
 Comments : Very slight regeneration on b pit near road.

GENERAL COMMENTS

Age of vega 15+ yrs (north side of Cheyne Rd.), and ca. 8yrs (south side of Cheyne Rd). Both gravel pits repaired by Shire - top soil replaced. Drain from swamp/lake to dam on NW boundary.

STATUS

Area (ha): 20.6390
 Purpose : Conservation of Flora
 Vesting : Unvested
 Shire : Ravensthorpe
 CALM File No : FM1161/76
 Public Plan: Bandalup, 1:50,000 2530-I
 Lat/Long : 33 37S, 120 19E
 File Officer : M.Cavana
 File Date : 17/09/86
 Field Officer: B.Muir + M.Cavana
 Field Date : 24/10/86

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pp, pn
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 0-5 yrs

ABIOTIC

Topographic Code : Gently undulating rises
 Special Top Features :
 Geological Substrate :
 Special Geol Features :
 Surface Hydrology : Permanent streams
 Comments :

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Dominant Species : Most Abundant Formation
 Codominant Species : Eucalyptus spp.
 Formation Type : Shrubland
 Canopy Cover W/S : 60
 Height W/S : 5.0
 Canopy Cover S/L : 50
 Height S/L : 1.0
 Soil Colour : Yellowbrown
 Soil Texture : sci
 Percentage Reserve : 80
 Soil Representation: High
 Comments :

ACCESS

Access To Boundary : Nil
 Access Within Reserve : Nil
 Perimeter Length (km) : 2.3
 Perimeter Abutting
 Uncleared Land (km) : 1.3
 Uncleared Land Within
 1 km of Boundary that:
 Percentage Adjoining : 0
 Priv.Prop + Fenced : 40
 Fence Stockproof : Yes

FLORA

Level of Knowledge : No data
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : Pasture grasses abundant along fence-lines and creek.
 Percentage of Reserve : 1.00

USAGE

Significant Recreation Site : No
 Recreation Details : No access.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

DISTURBANCE

Historical Disturbances : Timber cutting
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : Minor scattered timber cutting.

GENERAL COMMENTS

Age of vase mostly < 5 yrs. No access from W side. Check air photos for access on E side.

STATUS

Area (ha): 215.5588
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Esperance
 CALM File No : FM 675/75
 Public Plan: 1 : 1 mile, 424/88

Reserve Number : L27354 Name :

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : cp.ct.or
 Trafficable Firebreaks: Yes
 Need Maintenance : No
 Age of Vegetation : 18-20 yrs

ABIOITIC

Topographic Code : Gently undulating rises
 Special Topo Features :
 Geological Substrate : Laterite
 Special Geol Features :
 Surface Hydrology : Epheareal streams,salt lakes
 Comments : Brackish lake.

VEGETATION

Dominant Species : <i>Laubertia inermis</i>	Second Abundant Formation <i>Dryandra</i> spp.
Formation Type : Shrubland	Heath
Canopy Cover U/S : 58	78
Height U/S : 3.8	0.5
Canopy Cover S/L : 68	8
Height S/L : 1.8	0.8
Soil Colour : Pinkgrey	Yellowbrown
Soil Texture : sc	cls
Percentage Reserve : 58	38
Soil Representation: High	
Comments : <i>E.tetragona</i> / <i>Heath</i> + <i>B.speciosa</i> SL = 10 % of reserve. Wetland with sedges and <i>Helaleuca</i> = 10 % of reserve.	

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species : Pasture grasses along road verges and in gravel pits.
 Percentage of Reserve : 0.18

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

ca. 30 % reserve 18 yrs old - rest > 18 yrs. S.E.C. powerline bisects reserve - acts as a complete internal firebreak. Reserve included in M.A.Burgan's Report No. 5 (1985).

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 6.4
 Perimeter Abutting
 Uncleared Land (km) : 1.6
 Uncleared Land Within
 1 km of Boundary (ha): 92
 Percentage Adjoining
 Priv.Prop + Fenced : 68
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Borrow pits
 Current Disturbances : Utilities
 Regeneration of B/Pits : Yes
 Comments : S.E.C. powerline across reserve. Gravel reserve on NW boundary.

Reserve Number : C27384 Name :

STATUS

Area (ha) : 684.7328
Purpose : Conservation of Flora and Fauna
Vesting : NPWCA
Shire : Esperance
CALM File No : F44 166/88
Public Plan: 1" : 1 mile, 481,482, 423, 424/88

DIEBACK / FIRE

Dieback Presence : No evidence
Position in Landscape : High
Other Diseases :
Fire Barriers : pp.pi.pr.pa
Trafficable Firebreaks: Yes
Need Maintenance : Yes
Age of Vegetation : 10-20 yrs

ABIOITIC

Topographic Code : Undulating rises
Special Topo Features : Monadnocks
Geological Substrate : Calcrete, Gneiss
Special Soil Features :
Surface Hydrology : Ephemeral streams
Comments :

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details : Aboriginal lizard trap sighted.

VEGETATION

Dominant Species : Most Abundant Formation
Codominant Species : Eucalyptus spp.
Formation Type : Mixed spp.

Canopy Cover U/S : 50
Height U/S : 3.0
Canopy Cover S/L : 50
Height S/L : 1.0

Soil Colour : Pinkgrey
Soil Texture : sc
Percentage Reserve : 60

Soil Representation: Moderate

Comments : E.tetraena occurs at base of granite monadnocks. Patches of Dryandra heath and E.tetraptera on NE corner.

FLORA

Level of Knowledge : Whole survey
Floristic Richness : High
Gazetted Rare Species : None recorded.
Weed Species : Brassica tournfortii on western boundary.
Percentage of Reserve : 0.00

ACCESS

Access To Boundary : High
Access Within Reserve : Moderate
Perimeter Length (km) : 11.5
Perimeter Abutting
Uncleared Land (km) : 0.0
Uncleared Land Within
1 km of Boundary (ha) : 0
Percentage Adjoining
Priv.Prop + Fenced : 100
Fence Stockproof : Yes

FLORA

Level of Knowledge : Whole survey
Floristic Richness : High
Gazetted Rare Species : None recorded.
Weed Species : Brassica tournfortii on western boundary.
Percentage of Reserve : 0.00

USAGE

Significant Recreation Site : Yes
Recreation Details : Used by bushwalkers and campers.
Research Projects : No
Research Details :

Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

FAUNA

Level of Knowledge : Species lists
Gazetted Rare Species : None recorded.
Nest Hollows Abundant : No

GENERAL COMMENTS

Historical Disturbances : Rubbish dumps
Current Disturbances : Tracks, borrow pits, Utilities
Regeneration of B/Pits : No
Comments : Access track to gravel pit badly eroded - needs rehabilitation.

DISTURBANCE

NW of reserve 5-10 yrs old - rest > 10 yrs. Illegal dumping of car bodies (Frame No. RK 100-43444 Toyota Ute). Telecom radio-telephone repeater station on Mt. Burdett. Reserve included in M.A. Burqan's Report No. 5 (1985).

STATUS

Area (ha): 78.6581
 Purpose : Water & Cons. of Flora and Fauna
 Vesting : NPWCA
 Shire : Esperance
 CALM File No : FWM17276
 Public Plant 1" : 1 mile, 481/88

Reserve Number : C27385

Name :

ABIGITIC

Topographic Code : Gently undulating rises
 Special Top Features :
 Geological Substrate : Calcrete
 Special Geol Features :
 Surface Hydrology : Salt lakes
 Comments :

VEGETATION

Dominant Species : Most Abundant Formation
 Codominant Species : Eucalyptus spp. Second Abundant Formation
 Formation Type : Mallee Mixed spp.
 Canopy Cover u/s : 70 Other
 Height u/s : 6.0 0
 Canopy Cover s/l : 30 0
 Height s/l : 1.5 0
 Soil Colour : Pinkgrey
 Soil Texture : sc qle
 Percentage Reserve : 90 0
 Soil Representation: High
 Comments : Second most abundant formation is salt complex.

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : Along fence-lines and in disturbed areas.
 Percentage of Reserve : 0.80

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Evidence of some fires 10-20 yrs ago. Reserve included in M.A.Burman's Report No. 5 (1985).

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pp,gr,pn
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 10-20 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access to Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 4.4
 Perimeter Abutting
 Uncleared Land (km) : 1.0
 Uncleared Land Within
 1 km of Boundary (ha): 100
 Percentage Adjoining
 Priv.Prop + Fenced : 75
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : Nothing of interest.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments :

STATUS

Area (ha): 1419.8388 Lat/Long : 33 28S, 122 81E
 Purpose : Conservation of Flora and Fauna File Officer : J. Bartle
 Vesting : NPWCA File Date : 08/05/86
 Shire : Esperance Field Officer: B. Muir + M. Cavana
 CALM File No : FW4117176 Field Date : 31/10/86
 Public Plant: 1" : 1 mile, 402/80

ABIOTIC

Topographic Code : Gently undulating plain
 Special Topo Features :
 Geological Substrate : Calcrete, laterite?
 Special Soil Features :
 Surface Hydrology : Salt lakes
 Comments :

VEGETATION

Dominant Species : Most Abundant Formation
 Codominant Species : Second Abundant Formation
 Formation Type : Mixed spp.
 Canopy Cover U/S : 20 Other
 Height U/S : 2.0 0
 Canopy Cover S/L : 60 0
 Height S/L : 8.5 0.0
 Soil Colour : White
 Soil Texture : sc
 Percentage Reserve : 90
 Soil Representation: High
 Comments : Second most abundant formation is salt complex with variable heights and canopy covers.

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Moderate
 Gazetted Rare Species : E. halophila, E. forrestiana ssp. forrestiana, Anagostartus salina.
 Weed Species
 Percentage of Reserve : 0.80

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 5-10 yrs. Reserve included in M.A. Burquian's Report No. 5 (1985).

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pp, pr, pn
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 5-10 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 15.2
 Perimeter Abutting
 Uncleared Land (km) : 8.8
 Uncleared Land Within
 1 km of Boundary (ha): 880
 Percentage Adjoining
 Priv. Prop + Fenced : 50
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of S/Pits :
 Comments : No signs of disturbance.

STATUS

Reserve Number : C27387

Name :

Area (ha) : 512.2840 Lat/Long : 33 38S, 122 18E
 Purpose : Conservation of Flora and Fauna File Officer : M. Walters
 Vesting : NPWS File Date : 30/06/86
 Shire : Esperance Field Officer: B. Muir + M. Cavana
 CALM File No : FM1172/76 Field Date : 30/10/86
 Public Plan: 1 : 1 mile, 401/88

ABIOITIC

Topographic Code : Undulating rises
 Special Topo Features :
 Geological Substrate : Calcrete
 Special Geol Features :
 Surface Hydrology : Epheareal streams, salt lakes
 Comments :

VEGETATION

Dominant Species :	Most Abundant Formation	Second Abundant Formation
Eucaalyptus spp.	Eucaalyptus spp.	
Codominant Species :		
Formation Type :	Heath	
Canopy Cover U/S :	28	
Height U/S :	5.0	
Canopy Cover S/L :	78	
Height S/L :	1.8	
Soil Colour :	Pinkgrey	
Soil Texture :	sc	
Percentage Reserve :	68	28
Soil Reprerentation: High		
Comments :	Banksia prostrata, B. media, Euc. forrestiana, E. tetralpera. 28 % reserve is salt pan.	

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species : Vulva bromoides
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

75 % reserve > 10 yrs, 25 % < 5 yrs. Reserve included in M.A. Burqaan's Report No. 5 (1985).

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pp, pb, pn
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 10-20 yrs

HISTORIC

Number Aboriginal Sites :
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Limited
 Access Within Reserve : Nil
 Perimeter Length (ka) : 11.6
 Perimeter Abutting
 Uncleared Land (ka) : 4.8
 Uncleared Land Within
 1 ka of Boundary (ha): 400
 Percentage Adjoining
 Priv. Prop + Fenced : 68
 Fence Stockproof : Yes

USABE

Significant Recreation Site : No
 Recreation Details : No access, nothing of interest.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : No signs of any disturbance.

Reserve Number : 527388 Name :

STATUS

Area (ha) : 4457.1288 Lat/Long : 33 38S, 172 12E
Purpose : Conservation of Flora and Fauna File Officer : M. Walters
Vesting : NPWCA File Date : 30/06/86
Shire : Esperance Field Officer: B. Muir + M. Cavana
DALM File No : F&M172/76 Field Date : 30/10/86
Public Plan: 1" : 1 mile, 481,424/80

ABIOTIC

Topographic Code : Gently undulating rises
Special Top Features :
Geological Substrate : Calcrete
Special Soil Features :
Surface Hydrology : Ephemeral streams, salt lakes
Comments :

VEGETATION

Dominant Species : Most Abundant Formation
Codominant Species : Second Abundant Formation
Formation Type : Mixed spp.
Canopy Cover U/S : 50 Other
Height U/S : 6.8 0
Canopy Cover S/L : 50 0
Height S/L : 1.8 0
Soil Colour : Pinkgrey
Soil Texture : sc
Percentage Reserve : 50
Soil Representation: High
Comments : Second most abundant formation is salt complex with variable heights and canopy covers. White dune with B. speciosa + Myrtia on NE side.

FLORA

Level of Knowledge : Whole Survey
Floristic Richness : Moderate
Gazetted Rare Species : None recorded.
Weed Species : Vulpa bromoides in disturbed areas.
Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
Gazetted Rare Species :
Nest Hollows Abundant : No

GENERAL COMMENTS

Vege mostly > 18 yrs. Reserve included in M.A. Burman's Report No. 5 (1985).

SIEBCK / FIRE

Dieback Presence : Suspected
Position in Landscape : Middle
Other Diseases :
Fire Barriers : CD, pi, Dr, pm
Trafficable Firebreaks: Yes
Need Maintenance : Yes
Age of Vegetation : 10-20 yrs

HISTORIC

Number Aboriginal Sites.:
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Limited
Perimeter Length (km) : 32.7
Perimeter Abutting
Uncleared Land (km) : 4.5
Uncleared Land Within
1 km of Boundary (ha): 450
Percentage Adjoining
Priv. Prop + Fenced : 85
Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
Recreation Details : No access, nothing of interest.
Research Projects : No
Research Details :

Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
Current Disturbances : Borrow pits
Regeneration of B/Pits : No
Comments : Gravel pit (1 ha) in SW corner.

STATUS

Area (ha) : 438.3962 Lat/Long : 33 12S, 128 20E
 Purpose : Conservation of Flora and Fauna File Officer : A. Williams
 Vesting : NPWCA File Date : 11/84/86
 Shire : Ravenshorpe Field Officer : A. Williams
 CALM File No : FWM179/76 Field Date : 22/04/86
 Public Plant: Cocanarup/R'horpe 1:58, 208 2830-1/2938-IV

Reserve Number : C27525

Name : Overshot Hill Nature Reserve

DIEBACK / FIRE

Dieback Presence : Uninterpretable
 Position in Landscape : High
 Other Diseases :
 Fire Barriers : CP, CI, R
 Trafficable Firebreaks : Yes
 Need Maintenance : Yes
 Age of Vegetation : 28+ yrs

ABIOITIC

Topographic Code : Rolling rises
 Special Topo Features : Brealtways
 Geological Substrate : Quartzite, granite, gneiss
 Special Geol Features :
 Surface Hydrology : Ephemeral streams
 Comments :

VEGETATION

Most Abundant Formation Second Abundant Formation
 Dominant Species : Eucalyptus spp.
 Codominant Species :

Formation Type : Mallee
 Canopy Cover U/S : 65
 Height U/S : 8.8
 Canopy Cover B/L : 48
 Height B/L : 1.5
 Soil Colour : Redbrown
 Soil Texture : cl
 Percentage Reserve : 98
 Soil Representation: Moderate
 Comments : Very patchy u'story, usually Mel. uncinata to 2m with 70% cover. Soil red-brown with many rocky areas.

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : High
 Gazetted Rare Species : None recorded but contains Banksia laevigata (restricted distrib.)
 Weed Species : Small patches of pasture grasses.
 Percentage of Reserve : 8.88

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : Mallee Fowl reported common.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Local Lions Club installed picnic tables and bins in SE corner of Loc. 149 which adjoins the res. Applications lodged by William Lloyd Archer, c/- Post Office Ravenshorpe, for Exploration Licences 74/69 to 74/71. Also by Reynolds Aus Traila Mines Pty. Ltd

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 18.8
 Perimeter Abutting
 Uncleared Land (km) : 1.6
 Uncleared Land Within
 1 km of Boundary (ha) : 168
 Percentage Adjoining
 Priv. Prop + Fenced : 16
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Tracks, borrow pits, rubbish dumps
 Current Disturbances :
 Regeneration of B/Pits : Yes
 Comments : Application for Exploration Licences affect reserve.

STATUS

Area (ha): 1105.9488 Lat/Long : 33 155, 121 47E
 Purpose : Conservation of Flora and Fauna File Officer : J. Bartle
 Vesting : NPWCA File Date : 23/06/86
 Shire : Esperance Field Officer: B. Muir + M. Cavana
 CALM File No : F&W1185/76 Field Date : 01/11/86
 Public Plan: 1' : 1 mile, 402/80

ABIGIOTIC

Topographic Code : Gently undulating plain
 Special Top Features :
 Geological Substrate : Calcrete
 Special Soil Features :
 Surface Hydrology : EpheMERAL streams, salt lakes
 Comments :

VEGETATION

Dominant Species : Most Abundant Formation
 Codominant Species : Halosarcia spp.
 Formation Type : Heath
 Canopy Cover U/S : 30
 Height U/S : 0.5
 Canopy Cover B/L : 0
 Height B/L : 0.0
 Soil Colour : Pinkgrey
 Soil Texture : scl
 Percentage Reserve : 68
 Soil Representation: High
 Comments : 10 % of reserve is mallee + Melaleuca thickets.

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Low
 Gazetted Rare Species : None recorded.
 Weed Species : Along tracks and fence-lines.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : Yes

GENERAL COMMENTS

Age of vege 15 yrs. Reserve is included in M.A. Burdman's Report No. 5 (1985). Reference to mineral claim over part of reserve (folio 10).

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pp, pr, on
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 10-20 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 18.4
 Perimeter Abutting
 Uncleared Land (km) : 1.0
 Uncleared Land Within
 1 km of Boundary (ha): 100
 Percentage Adjoining
 Priv. Prop + Fenced : 98
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : Yes
 Research Details : S.W. Wetland Monitoring Program - J. Lane M.R.C.
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Old

DISTURBANCE

Historical Disturbances : Timber cutting, rubbish dumps
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : S.E.C. line follows Rideley Rd. along road reserve.

STATUS

Area (ha) : 4341.2427 Lat/Long : 33 48S, 121 18E
 Purpose : Conservation of Flora File Officer : M. Cavana
 Vested : Unvested File Date : 25/07/86
 Shire : Esperance Field Officer : B. Muir + M. Cavana
 CALM File No : FM1151/76 Field Date : 25/10/86
 Public Plan: Moanango, 1:50,000 3130-11

ABIO7IC

Topographic Code : Gently undulating rises
 Special Topo Features : Beaches; sandhills
 Geological Substrate : ? very deep sand ?
 Special Geol Features :
 Surface Hydrology : Ephemeral streams, salt lakes
 Comments : Topo code BR excludes coast.

VEGETATION

Most Abundant Formation Second Abundant Formation
 Dominant Species : Banksia speciosa Melaleuca spp.
 Codominant Species : Lambertia inermis
 Formation Type : Shrubland
 Canopy Cover U/S : 80 18
 Height U/S : 3.0 2.0
 Canopy Cover B/L : 60 5
 Height B/L : 1.0 0.5
 Soil Colour : White Grey
 Soil Texture : 5 clay
 Percentage Reserve : 30 30
 Soil Representation: High

Comments : About 40% of res. is coastal heath. Remaining 60% is a mixture of B. speciosa SL and Melaleuca wetlands. These latter give the reserve its character.

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : Scattered on edges adjacent to farmland.
 Percentage of Reserve : 0.80

FALUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of veg. mostly very old > 20 yrs. Possible illegal taking of flora for commercial use. Boundaries of Quaji Beach Recreation reserve still being resolved. D.C.E. proposal to adjoin res. 27888, 26885 & 30672. NB - No access to Quaji Beach when surveyed.

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pp, pr, cn
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 20+ yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 20.8
 Perimeter Abutting
 Uncleared Land (ka) : 12.9
 Uncleared Land Within
 1 km of Boundary (ha) : 1298
 Percentage Adjoining
 Priv. Prop + Fenced : 30
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : Yes
 Recreation Details : Shire to excise Quaji Beach Rec. Reserve.
 Research Projects : No
 Research Details :

Facilities Available : Barbecues, picnic sites
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : No signs of any disturbance.

STATUS

Area (ha): 4642.7880 Lat/Long : 34 59S, 118 09E
 Purpose : Conservation of Fauna File Officer : A. Williams
 Vesting : NPWCA File Date : 13/03/86
 Shire : Albany Field Officer: S. Folley
 CALM File No : FM 394/66 Field Date : 28/03/86
 Public Plan: Two Peoples Bay, 1:50,000 2528-III

ADJUTIC

Topographic Code : Rolling mountains
 Special Topo Features : Monadnocks:mountains:dunes
 Geological Substrate : Granite
 Special Soil Features :
 Surface Hydrology : Rivers,para & ephem streams,f'water lake
 Comments : Mobile sand dune.

VEGETATION

	Most Abundant Formation	Second Abundant Formation
Dominant Species :		
Codominant Species :		
Formation Type :		
Canopy Cover U/S :	0	
Height U/S :	0.0	
Canopy Cover B/L :	0	
Height B/L :	0.0	
Soil colour :		
Soil Texture :		
Percentage Reserve :	0	
Soil Representation:		
Comments :	Vegetation surveyed by Angus Hopkins and Judith Brown.	

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : High
 Gazetted Rare Species : Adenanthos cunninghamii.
 Weed Species : See A.Hopkins for complete list.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Whole survey
 Gazetted Rare Species : Noisy Scrub Bird, Bristle Bird, Western Whippbird, Red-eared Firetail,Python spillores.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Vegetation surveyed by A. Hopkins and J. Brown. Some parts near Mt. Gardner 40+ yrs old: rest 15+ yrs. Arctic Tern recorded 3/12/1984. Other facilities include Research accommodation, Information booklets, Display board, Shower facilities and Mature trails.

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : All
 Other Diseases :
 Fire Barriers : ci,pp,dr,pp
 Trafficable Firebreaks: Yes
 Need Maintenance : No
 Age of Vegetation : 10-20 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : Ruins
 Estimated Site Value : Low
 Details : Old whaling station ruins (pile of rubble).

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Moderate
 Perimeter Length (km) : 40.5
 Perimeter Abutting
 Uncleared Land (km) : 4.5
 Uncleared Land Within
 1 km of Boundary (ha): 450
 Percentage Adjoining
 Priv.Prop + Fenced : 25
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : Yes
 Recreation Details : Massive tourist pressure.
 Research Projects : Yes
 Research Details : Survey of S.W. wetlands- J.Lane; Banksia pollination- S.Hopper; Noisy Scrub Bird monitoring & translocation- S.Folley & CSIRO; Bristlebird study; W.A.M. biol. survey; Dieback research- R.Hart; Yege. regen. after fire- A.Hopkins.
 Facilities Available : Flush toilets, barbecues;Picnic sites, interpretation
 Signposting Adequate : Yes
 Condition of Signs : New

DISTURBANCE

Historical Disturbances : Timber cutting, borrow pits;Grazing
 Current Disturbances :
 Regeneration of B/Pits : Yes
 Comments : Management Plan to be released shortly (1986).

Name: _____

Lat/Long : 33 22S, 121 45E
File Officer : A. Williams
File Date : 16/04/86
Field Officer: B. Muir + M. Cavanana
Field Date : 31/10/86

HISTORIC

Dieback Presence	: Suspected
Position in Landscape	: Low
Other Diseases	:
Fire Barriers	: pp, ci, pr, pm
Trafficked Firebreaks	: Yes
Need Maintenance	: Yes
Age of Vegetation	: 28+ yrs

ACCESS

Access to Boundary	: High
Access Within Reserve	: Limited
Perimeter Length (km)	: 47.2
Perimeter Abutting Uncleared land (km)	: 5.8
Uncleared land within 1 km of Boundary (ha):	588
Percentage Adjoining Privatized and Fenced	: 98
Fence Stockproof	: Yes

J5ABE

Significant Recreation Site : No
Recreation Details : Some campsites noted.
Research Projects : Yes
Research Details : S.W. Wetland Monitoring Program - J.Lane M.R.C.

DISTURBANCE

Historical Disturbances : Part cleared, timber cutting
Current Disturbances : Borrow pits, other
Regeneration of B/Pits : No
Comments : Gypsum deposit mined in reserve.

Comments : Gypsum deposit mined in reserve

92% of reserve) 20 yrs., rest 5-10 yrs. Recommend inclusion of Loc. 786. Coal mining leases 63/913, 63/1079, 63/1093, mineral claims 1845 & 1855, mining lease E63/20 all affect the reserve. Application for mining lease M63/94 not yet approved.

STATUS

Area (ha) : 450.8196
 Purpose : Preservation of Natural Vegetation
 Vesting : Unvested
 Shire : Ravensthorpe
 CALM File No : FFW 611/77
 Public Plan : 1 : 1 mile, 421/88, 432/88

Lat/Long : 33 55S, 128 14E
 File Officer : J. Bartle
 File Date : 22/08/86
 Field Officer: B. Muir + M. Cavana
 Field Date : 24/10/86

DIEBACK 7 FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pr.pn
 Trafficable Firebreaks: Yes
 Need Maintenance : No
 Age of Vegetation : 28+ yrs

ABIOTIC

Topographic Code : Gently undulating rises
 Special Top Features :
 Geological Substrate : Limestone
 Special Soil Features :
 Surface Hydrology : Freshwater lakes
 Comments : Brackish lake.

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Most Abundant Formation
 Dominant Species : Melaleuca cuticularis
 Concomitant Species : Eucalyptus sp.
 Formation Type : Woodland
 Canopy Cover U/S : 50
 Height U/S : 6.0
 Canopy Cover S/L : 10
 Height S/L : 1.0
 Soil Colour : Yellowwhite
 Soil Texture : S
 Percentage Reserve : 30
 Soil Representation: High
 Comments : 80% of reserve is open water.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 14.5
 Perimeter Abutting
 Uncleared Land (km) : 0.0
 Uncleared Land Within
 1 km of Boundary (ha): 0
 Percentage Adjoining
 Priv. Prop + Fenced : 0
 Fence Stockproof :

FLORA

Level of Knowledge : No data
 Floristic Richness : Low
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.00

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence. Possible bird-watching.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded
 Nest Hollows Abundant : No

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : No signs of any disturbance.

GENERAL COMMENTS

Age of vege very old, 20 yrs. Classified as a shooting or hunting area. Check air photos for adjacent uncleared land and internal firebreaks. NB - couldn't gain access to northern end during survey.

STATUS

Area (ha): 357,0948
 Purpose : Conservation of Flora and Fauna
 Vesting : NPDA
 Shire : Esperance
 CMM File No : FM1284/76
 Public Plan : 1 a/c, 402/88

Lat/Long : 33 14S, 121 50E
 File Officer : J. Bartle
 Field Date : 23/06/96
 Field Officer: B. Muir + M. Cavana
 Field Date : 01/11/86

Reserve Number : 036308

Name :

ABIOIC

Topographic Code : Undulating rises
 Special Topo Features :
 Geological Substrate : Calcrete
 Special Soil Features :
 Surface Hydrology : Epheareal streams, salt lakes
 Comments :

VEGETATION

Dominant Species : Eucalyptus spp.	Most Abundant Formation	Second Abundant Formation
Codominant Species :	Mixed spp.	
Formation type : Malice	Other	
Canopy Cover U/S : 50	SB	
Height U/S : 9.8	1.0	
Canopy Cover B/L : 20	2	
Height B/L : 1.0	0.0	
Soil Colour : Pinkgrey		
Soil Texture : scl	qie	
Percentage Reserve : 60	30	
Soil Representation: High		
Comments : 10% of reserve is Salson Gua M. + Melaleuca thickets. Second formation is salt complex.		

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Low
 Gasetted Rare Species: None recorded.
 Weed Species : Along tracks and fencelines.
 Percentage of Reserve : 8.88

FAUNA

Level of Knowledge : Anecdotal records
 Gasetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege : 20 yrs. Reserve included in M.A. Burman's Report No. 5 (1985).

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : 00.00
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 28+ yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Nil
 Access Within Reserve : Nil
 Perimeter Length (km) : 9.6
 Perimeter Abutting :
 Uncleared Land (ha) : 4.5
 Uncleared Land Within :
 1 km of Boundary : 450
 Percentage Adjoining :
 Priv./Prop + Fenced : 75
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Timber cutting
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : Scattered timber cutting in Salson Gua woodland.

STATUS

Area (ha) : 424.4778
 Purpose : Conservation of Flora and Fauna
 Vesting : NPNGA
 Shire : Jerramungup
 CALM File No : FM122176
 Public Plan: Pallinup, 1:50,000 2629-III

Lat/Long : 34 26S, 118 45E
 File Officer : M. Cavana
 File Date : 22/09/86
 Field Officer: B. Muir + M. Cavana
 Field Date : 22/10/86

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : All
 Other Diseases :
 Fire Barriers : pp, pr
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 5-10 yrs

ABIOTIC

Topographic Code : Rolling low hills
 Special Topo Features :
 Geological Substrate : Pallinup siltstone
 Special Soil Features :
 Surface Hydrology : Epheermal streams
 Comments :

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus tetragona
 Codominant Species :
 Formation Type : Mallee
 Canopy Cover U/S : 30
 Height U/S : 4.0
 Canopy Cover S/L : 80
 Height S/L : 1.0
 Soil Colour : Yellowbrown
 Soil Texture : cs
 Percentage Reserve : 60
 Soil Representation: High
 Comments : Euc. occidentalis near river. Allocasuarina huegeliana on edge of steeper slopes and on outer margin of river fringes. Granitic areas near river.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 9.7
 Perimeter Abutting
 Uncleared Land (km) : 2.2
 Uncleared Land Within
 1 km of Boundary (ha): 0
 Percentage Adjoining
 Priv. Prop + Fenced : 25
 Fence Stockproof : Yes

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : High
 Gazetted Rare Species : Caladenia bryceana.
 Weed Species : Abundant on N side adjacent to farmland.
 Percentage of Reserve : 1.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : Tamar Wallaby on res. A28687 and 33257.
 Nest Hollows Abundant : Yes

GENERAL COMMENTS

Age of vege ca. 10 yrs. Vege sap drawn by K. Newbey. Reserve rich in birds due to diverse flora. Application for apiary site rejected Jan. 1979. Negotiations to adjoin with Loc. 2245 and res. 33257 still being conducted (Nov. 1986).

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : Other
 Estimated Site Value : Low
 Details : Loc. 2245 (adj. to res.) - old dam and part of chimney of old homestead.

USAGE

Significant Recreation Site : No
 Recreation Details : Some evidence of camping by river.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Timber cutting
 Current Disturbances :
 Regeneration of B/Pits :
 Comments :

STATUS

Area (ha): 192.5288 Lat/Long : 34 58S, 118 01E
 Purpose : Conservation of Flora and Fauna File Officer: A.Williams
 Vesting : NPWS File Date : 11/03/86
 Shire : Albany Field Officer: A.Williams
 CALM File No : F541222/76 Field Date : 30/03/86
 Public Plant: Two Peoples Bay, 1:58, 008 2528-111

Reserve Number : C28689 Name :

ABIGITIC

Topographic Code : Rolling hills
 Special Topo Features : Monadnocks
 Geological Substrate : Granite
 Special Geol Features :
 Surface Hydrology : Permanent & ephemeral streams
 Comments :

VEGETATION

Most Abundant Formation	Second Abundant Formation
Dominant Species : Eucalyptus marginata	Eucalyptus marginata
Codominant Species : Allocasuarina fraseriana	Eucalyptus calophylla
Formation Type : Shrubland	Woodland
Canopy Cover U/S : 2	60
Height U/S : 2.8	16.8
Canopy Cover S/L : 75	60
Height B/L : 8.5	1.8
Soil Colour : Grey	Brown
Soil Texture : sc1	sc1
Percentage Reserve : 60	30
Soil Representation: High	
Comments : Exposed granite boulders throughout the reserve.	

FLORA

Level of Knowledge : Species lists
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 8.80

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of veege ca.10 yrs. Firebreaks very rough and overgrown. Gravel pit recently expanded. Check aerial photos for adjacent uncleared land.

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : High
 Other Diseases :
 Fire Barriers : DP
 Trafficable Firebreaks: No
 Need Maintenance : Yes
 Age of Vegetation : 5-10 yrs

HISTORIC

Number Aboriginal Sites : 8
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 8.8
 Perimeter Abutting
 Uncleared Land (km) : 8.8
 Uncleared Land Within
 1 km of Boundary (ha): 8
 Percentage Adjoining
 Priv.Prop + Fenced : 78
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Borrow pits
 Regeneration of B/Pits : No
 Comments :

STATUS

Area (ha) : 8.8424
 Purpose : Conservation of Flora and Fauna
 Vesting : Unvested
 Shire : Albany
 CALM File No : F441222/76
 Public Plant: Two Peoples Bay, 1:50,000 2528-III

Lat/Long : 34 50S, 118 00E
 File Officer : M. Cavana
 File Date : 17/09/86
 Field Officer: B. Muir + M. Cavana
 Field Date : 21/10/86

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pp, pr, pn
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 0-5 yrs

ABIOIOTIC

Topographic Code : Rolling low hills
 Special Topo Features :
 Geological Substrate : Laterite
 Special Soil Features :
 Surface Hydrology : Permanent streams
 Comments : Stream just touches SE corner.

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Most Abundant Formation : Second Abundant Formation
 Dominant Species : Allocasuarina fraseriana
 Codominant Species : Eucalyptus marginata
 Formation Type : Woodland
 Canopy Cover U/S : 85
 Height U/S : 15.0
 Canopy Cover G/L : 70
 Height G/L : 1.5
 Soil Colour : White
 Soil Texture : S
 Percentage Reserve : 80
 Soil Representation: High
 Comments : Euc. sp. specimen collected.

FLORA

Level of Knowledge : Species lists
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 8.80

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Most of reserve control-burnt 1981. Run-off from adjacent gravel pits into reserve => high impact for dieback and weeds. Sand extraction in northern end of reserve. Check for creek on south boundary and vesting of res. 28689.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 2.1
 Perimeter Abutting
 Uncleared Land (km) : 8.5
 Uncleared Land Within
 1 km of Boundary (ha) : 8
 Percentage Adjoining
 Priv. Prop + Fenced : 40
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Tracks
 Current Disturbances : Borrow pits
 Regeneration of B/Pits : No
 Comments : Sand pit - 8.5 ha. Run-off from adj. gravel reserve into reserve.

STATUS

Area (ha) : 56.2736
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Esperance
 CALM File No : FM1236/76
 Public Plan : 1 : 1:611e, 402/80

Lat/Long : 33 25S, 121 45E
 File Officer : M. Cavana
 File Date : 25/09/86
 Field Officer : B. Muir + M. Cavana
 Field Date : 31/10/86

ABIOITIC

Topographic Code : Undulating rises
 Special Topo Features :
 Geological Substrate : Laterite
 Special Geol Features :
 Surface Hydrology :
 Comments :

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus tetradpna
 Codominant Species : Banksia speciosa
 Formation Type : Shrubland
 Canopy Cover U/S : 20
 Height U/S : 4.2
 Canopy Cover S/L : 70
 Height S/L : 1.8
 Soil Colour : Yellow
 Soil Texture : s
 Percentage Reserve : 80
 Soil Representation: Moderate
 Comments : Scattered Nuytsia floribunda, Laebertia inerals, Adenanthos cuneatus, Grevillea hookerana and Banksia peteolaris.

Second Abundant Formation
 Eucalyptus spp.
 Halloo
 50
 3.0
 40
 1.0
 Yellowbrown
 fsi
 20

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : High
 Gazetted Rare Species : None recorded,
 Weed Species :
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege > 20 yrs. Recommend inclusion of Loc.1693 - Cemetery block. Reserve included in M.A. Burgeon's Report No. 5 (1995).

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : High
 Other Diseases :
 Fire Barriers : pp
 Trafficable Firebreaks: Yes
 Need Maintenance : No
 Age of Vegetation : 20+ yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Limited
 Access Within Reserve : Nil
 Perimeter Length (km) : 3.5
 Perimeter Abutting
 Uncleared Land (km) : 0.7
 Uncleared Land Within
 1 km of Boundary (ha) : 70
 Percentage Adjoining
 Priv.Prop + Fenced : 90
 Fence Stockproof : Yes

USMSF

Significant Recreation Site : No
 Recreation Details :
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : No signs of any disturbance.

STATUS

Area (ha): 1423.5388
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Esperance
 CALM File No : FM 838/81
 Public Plan: 1" : 1 mile, 4/27/88

Dieback Presence : Suspected
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pr
 Trafficable Firebreaks: No
 Need Maintenance : Yes
 Age of Vegetation : 5-10 yrs

DIEBACK / FIRE

ABIOIOTIC

Topographic Code : Undulating low hills
 Special Top Features :
 Geological Substrate : Not known.
 Special Soil Features :
 Surface Hydrology : Ephemeral streams
 Comments :

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus spp.
 Codominant Species :
 Formation Type : Mallee
 Canopy Cover U/S : 25
 Height U/S : 6.8
 Canopy Cover S/L : 75
 Height S/L : 1.8
 Soil Colour : White
 Soil Texture : cs
 Percentage Reserve : 48
 Soil Representation: High
 Comments : Where soils have high clay component, formation is usually E.forrestiana, E.spp (3a, 3b2 cover) over understory (0.5a-1a, 5b2 cover).

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 17.2
 Perimeter Abutting
 Uncleared Land (km) : 8.8
 Uncleared Land Within
 1 km of Boundary (ha): 8
 Percentage Adjoining
 Priv-Prop + fenced : 188
 Fence Stockproof : Yes

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species : Paddy melons and Tumbleweed.
 Percentage of Reserve : 8.10

USAGE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

DISTURBANCE

Historical Disturbances : Borrow pits
 Current Disturbances :
 Regeneration of B/Pits :

Comments : Sandy soils and high winds caused severe sand, problem.

GENERAL COMMENTS

Age of veg 18 yrs. Firebreaks require urgent maintenance. Sand blown from adjoining Loc.1875 and 1877 has produced a build up of sand along reserve bdy. Prospecting licence application no. 8/86 affects reserve.

STATUS

Area (ha): 1162.2288
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Albany
 CALM File No : F/W 868/76
 Public Plant: Haul Off Rock, 1:50,000 2628-IV

Reserve Number : C29128

Name : Basil Road Nature Reserve

Lat/Long : 34 39S, 118 37E
 File Officer : A. Williams
 File Date : 11/02/86
 Field Officer: B. Muir + M. Cavana
 Field Date : 18/02/86

ABIGONIC

Topographic Code : Rolling hills
 Special Topo Features :
 Geological Substrate : Laterite
 Special Geol Features :
 Surface Hydrology : Permanent streams
 Comments : Seal-permanent deep creeks.

VEGETATION

Dominant Species : Eucalyptus marginata	Second Abundant Formation
Formation Type : Woodland	
Canopy Cover W/S : 20	0
Height W/S : 3.0	0.0
Canopy Cover S/L : 70	0
Height S/L : 1.0	0.0
Soil Colour : White	
Soil Texture : s	
Percentage Reserve : 90	0
Soil Representation: High	
Comments : Patches of E. sp. albae, E. marginata to 16m along creeks (28m along Willwyn creek). Lamprothamnium in creek + Mel. cucularis on margins.	

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of veger < 5 yrs. Vegetation included in K. Newbey's M.Sc Thesis. Trees are stunted throughout.

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : All
 Other Diseases :
 Fire Barriers :
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 0-5 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 17.0
 Perimeter Abutting :
 Uncleared Land (ha) : 7.5
 Uncleared Land Within
 1 km of Boundary (ha): 750
 Percentage Adjoining :
 Priv. Prop + Fenced : 0
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Borrow pits
 Regeneration of B/Pits : No
 Comments :

Reserve Number : C29184 Name :

STATUS

Area (ha) : 1309.3180
Purpose : Conservation of Flora and Fauna
Vesting : NPWCA
Shire : Ravenshoe
CALM File No : F4W1331/76
Public Plan: Moolvall, 1:50,000 2931-111

DIEBACK / FIRE

Dieback Presence : Suspected
Position in Landscape : Middle
Other Diseases :
Fire Barriers : No f/breaks
Trafficable Firebreaks:
Need Maintenance :
Age of Vegetation : 10-20 yrs

ABIOITIC

Topographic Code : Undulating rises
Special Topo Features :
Geological Substrate : Not known.
Special Geol Features :
Surface Hydrology : Ephemeral streams
Comments :

VEGETATION

Most Abundant Formation

Dominant Species : Eucalyptus spp.

Code/Abundant Species :

Formation Type : Hailee

Canopy Cover U/S : 30

Height U/S : 3.0

Canopy Cover S/L : 65

Height S/L : 1.5

Soil Colour : Greybrown

Soil Texture : sc

Percentage Reserve : 85

Soil Representation:

Comments :

FLORA

Level of Knowledge : Anecdotal records

Floristic Richness : High

gazetted Rare Species : None recorded.

Weed Species : Tumbleweed - Brassica tournefortii

Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records

gazetted Rare Species : None recorded.

Nest Hollows Abundant : No

GENERAL COMMENTS

Age of veg 12 yrs. Firebreaks are non-existent - required on N and W sides. Strip of land along north and west bdy chained in 1978 has now recovered.

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

ACCESS

Access To Boundary : Moderate

Access Within Reserve : Nil

Perimeter Length (km) : 14.8

Perimeter Abutting

Uncleared Land (ha) : 2.5

Uncleared Land Within

1 km of Boundary (ha) : 250

Percentage Adjoining

Priv.Prop + Fenced : 0

Fence Stockproof : Yes

USAGE

Significant Recreation Site : No

Recreation Details : No

Research Projects : No

Research Details :

Facilities Available : None

Signposting Adequate : No

Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :

Current Disturbances :

Regeneration of B/Pits :

Comments : Several b'bits on adjacent road res. F/breaks needed on N + W side.

STATUS

Area (ha) : 76.8624
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Esperance
 CALM File No : F/W 185/71
 Public Plant: 1" : 1 mile, 392/88

Lat/Lonq : 33 08S, 121 42E
 File Officer : A. Williams
 File Date : 15/04/86
 Field Officer: A. Williams
 Field Date : 06/05/86

ABIOTIC

Topographic Code : Gently undulating plain
 Special Topo Features :
 Geological Substrate : Not known.
 Special Geol Features :
 Surface Hydrology :
 Comments :

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus spp.
 Codominant Species :
 Formation Type : Mallee
 Canopy Cover W/S : 65
 Height W/S : 8.0
 Canopy Cover B/L : 15
 Height B/L : 0.5
 Soil Colour : Brown
 Soil Texture : c/s
 Percentage Reserve : 80
 Soil Representation: High
 Comments : This res. has remarkable number of Euc. mallee species for its size.

Second Abundant Formation
 Eucalyptus spp.
 Mallee
 35
 7.8
 75
 2.0
 Greybrown
 c/s
 15

FLORA

Level of Knowledge : No data
 Floristic Richness : High
 Bazelated Rare Species : None recorded.
 Weed Species : Minor patches of pasture grasses and tumbledweed.
 Percentage of Reserve : 0.81

FAUNA

Level of Knowledge : No data
 Bazelated Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vogue 28+ yrs. A major track used by adjoining landholder through reserve should be closed. A.P.B. baited with 1088 in Feb. 86. Gravel scrapes along E bdy should be rehabilitated. MRO has one road metal dump on reserve.

DIEBACK / FIRE

Dieback Presence : Uninterpretable
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pr, pb
 Trafficable Firebreaks: Yes
 Weed Maintenance : No
 Age of Vegetation : 28+ yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 3.9
 Perimeter Abutting :
 Uncleared Land (ka) : 0.9
 Uncleared Land Within
 1 km of Boundary (ha): 90
 Percentage Adjoining
 Priv. Prop + Fenced : 78
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : Evidence of camping on reserve.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Tracks, borrow pits
 Current Disturbances : Tracks, utilities, other
 Regeneration of B/Pits : No
 Comments : MRO road metal dump on res. APB laid 1088 baits Feb. 86. 6 pits poor.

STATUS

Area (ha) : 190.1300
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Albany
 CALM File No : F&W 194/77
 Public Plan: Oyster Harbour, 1:50,000 2428-II

Lat/Long : 34 55S, 117 56E
 File Officer : A. Williams
 File Date : 18/03/86
 Field Officer: A. Williams + J. Gillard
 Field Date : 28/03/86

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : High
 Other Diseases :
 Fire Barriers : ci,pp,pr
 Trafficable Firebreaks: Yes
 Need Maintenance : No
 Age of Vegetation : 0-5 yrs

ABIOTIC

Topographic Code : Rolling low hills
 Special Topo Features :
 Geological Substrate : Laterite
 Special Geol Features :
 Surface Hydrology : Ephemeral streams
 Comments :

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus marginata
 Codominant Species : Allocasuarina fraseriana
 Formation Type : Muddland
 Canopy Cover U/S : 35
 Height U/S : 15.0
 Canopy Cover S/L : 60
 Height S/L : 1.0
 Soil Colour : Grey
 Soil Texture : ls
 Percentage Reserve : 80
 Soil Representation: High
 Comments :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 19.5
 Perimeter Abutting
 Uncleared Land (km) : 3.8
 Uncleared Land Within
 1 km of Boundary (ha): 375
 Percentage Adjoining
 Priv.Prop + Fenced : 85
 Fence Stockproof : Yes

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species : Psoralea pinnata on bdry between loc.1516 and reserve.
 Percentage of Reserve : 0.00

USAGE

Significant Recreation Site : No
 Recreation Details : Minor rec. site used by wildflower enthusiasts.
 Research Projects : Yes
 Research Details : Dieback sampling- Dr. Ray Hart
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Old

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

DISTURBANCE

Historical Disturbances : Tracks, timber cutting;Borrow pits, other
 Current Disturbances : Tracks, borrow pits;Utilities
 Regeneration of B/Pits : No
 Comments : Historical flower picking. Rubbish Disp. res. should be relocated.

GENERAL COMMENTS

Age of vege 0-6 yrs. More firebreaks needed. Half of reserve burnt Feb.86, the remainder is 6 yrs old. Recommend that the Rubbish Disposal reserve be relocated. Approx. 6 car bodies on reserve.

STATUS

Area (ha) : 18.3792 Lat/Long : 34 S/S, 117 SSE
 Purpose : Conservation of Flora and Fauna File Officer : A. Williams
 Vesting : ANCA File Date : 11/03/86
 Site : Albany Field Officer: A. Williams + J. Sillard
 CWM File No : F41243/76 Field Date : 28/03/86
 Public Plant: Duster Harbour, 1:50,000 2428-11

ABIGIIC

Topographic Code : Rolling low hills
 Spectral topo Features :
 Geological Substrate : laterite
 Spectral Geol Features :
 Surface Hydrology : Ephemeral streams
 Comments :

VEGETATION

Most Abundant Formation	Second Abundant Formation
Dominant Species : <i>Eucalyptus marginata</i>	
Codominant Species : <i>Allocasuarina fraseriana</i>	
Formation Type : Woodland	
Canopy Cover U/S : 48	0
Height U/S : 16.8	0.0
Canopy Cover S/L : 18	0
Height S/L : 8.3	0.0
Soil Colour : Grey	
Soil Texture : CS	
Percentage Reserve : 95	0
Soil Representation: High	
Comments : Understory burnt ca. 1 year.	

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : Tallorina in gravel pit.
 Percentage of Reserve : 0.50

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollars Abundant : No

GENERAL COMMENTS

Age of vege ca. 1 yrs. Eastern firebreak blocked by dumped refuse - recommend rubbish be cleared from firebreak. Current timber cutting - 2 strainers cut on N boundary. Old borrow pit needs rehabilitating.

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : High
 Other Diseases :
 Fire Barriers : cl, pp, pr
 Trafficable Firebreaks: No
 Weed Maintenance : Yes
 Age of Vegetation : 8-5 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 1.4
 Perimeter Abutting
 Uncleared Land (km) : 0.7
 Uncleared Land Within
 1 km of Boundary (km) : 70
 Percentage Adjoining
 Priv. Prop + Fenced : 58
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Timber cutting, borrow pits
 Current Disturbances : Timber cutting
 Regeneration of S/Pits : No
 Comments : Timber - 2 strainers cut on N bdry. S pit needs ripping.

Reserve Number : C38563 Name : --western section--

STATUS

Area (ha) : 5417.6888 Lat/Long : 33 21S, 121 00E
Purpose : Conservation of Flora and Fauna File Officer : J. Bartle
Vesting : NPWA File Date : 24/07/86
Shire : Esperance Field Officer : A. Williams
CALM File No : FW1246/76 Field Date : 25/04/86
Public Plan: Meharry/Lowe, 1:50,000 3831-II/3131-III

ABIOITIC

Topographic Code : Undulating rises
Special Top Features :
Geological Substrate : Granite
Special Geol Features :
Surface Hydrology : Ephemeral streams
Comments :

VEGETATION

Most Abundant Formation : Second Abundant Formation
Dominant Species : Eucalyptus goniantha Eucalyptus spp.
Endemic Species : Eucalyptus creospha
Formation type : Malice
Canopy Cover W/S : 35
Height W/S : 4.8
Canopy Cover S/L : 78
Height S/L : 1.5
Soil Colour : Greybrown
Soil Texture : sl
Percentage Reserve : 58
Soil Representation: High
Comments : Euc. forrestiana also component of most abund. formation.

FLORA

Level of Knowledge : Whole survey
Floristic Richness : High
Gazetted Rare Species : None recorded.
Weed Species : Brassica tournefortii prevalent along fence lines.
Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : No data
Gazetted Rare Species : None recorded.
Nest Hollows Abundant : No

GENERAL COMMENTS

Eastern section - Firebreaks are mostly impassable. Age of vegetation 6 yrs. Part of uncleared land adjoining S bdy was being chained at time of survey. Reserve included in M.A. Burman (1985), Report No. 5.

DIEBACK / FIRE

Dieback Presence : Uninterpretable
Position in Landscape : Middle
Other Diseases :
Fire Barriers : op, pr
Trafficable Firebreaks: No
Need Maintenance : Yes
Age of Vegetation : 5-10 yrs

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Nil
Perimeter Length (km) : 14.5
Perimeter Abutting :
Uncleared Land (km) : 6.8
Uncleared Land Within :
1 km of Boundary (ha) : 688
Percentage Adjoining : 75
Priv. Prop + Fenced : Yes
Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
Recreation Details :
Research Projects : No
Research Details :
Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
Current Disturbances : Borrow pits, utilities
Regeneration of B/Pits : No
Comments :

STATUS

Area (ha): 5417.6222
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Esperance
 CALM File No : F&M1246/76
 Public Plan: Bald Rock/Lowla, 1:50,000 3131-11/III
 Lat/Long : 33 21S, 121 17E
 File Officer : J. Bartle
 File Date : 24/07/86
 Field Officer: A. Williams
 Field Date : 25/04/86

ABIOITIC

Topographic Code : Undulating low hills
 Special Topo Features : Monadnocks
 Geological Substrate : Granite
 Special Geol Features :
 Surface Hydrology : Ephemeral streams
 Comments :

VEGETATION

Most Abundant Formation	Second Abundant Formation
Dominant Species : Eucalyptus scynhocalyx	
Codominant Species : Eucalyptus forrestiana	
Formation Type : Halloo	
Canopy Cover U/S : 35	8
Height U/S : 2.9	2.8
Canopy Cover S/L : 78	8
Height S/L : 8.5	8.9
Soil Colour : Greybrown	
Soil Texture : sci	
Percentage Reserve : 85	8
Soil Representation:	
Comments : Euc.platypus forms distinct stands in some places.	

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : High
 Gazetted Rare Species : Daviesia campophylla
 Weed Species : Minor patches of pasture grasses.
 Percentage of Reserve : 8.00

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Western section - most firebreaks are almost impassable. Age of veger ca. 10 yrs. Minor areas of farm rubbish. Uncleared land to the north. Reserve included in M.A. Burgean (1985), Report No. 5.

Reserve Number : C38583

Name : --eastern section--

DIEBACK / FIRE

Dieback Presence : Uninterpretable
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : 00,00
 Trafficable Firebreaks: No
 Weed Maintenance : Yes
 Age of Vegetation : 5-10 yrs

HISTORIC

Number Aboriginal Sites : 8
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access to Boundary : Moderate
 Access Within Reserve : Moderate
 Perimeter Length (km) : 32.8
 Perimeter Abutting
 Uncleared Land (km) : 7.3
 Uncleared Land Within
 1 km of Boundary (ha): 730
 Percentage Adjoining
 Priv.Prop + Fenced : 80
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Borrow pits, rubbish dumps, utilities
 Regeneration of B/Pits : No
 Comments :

Reserve Number : C38672 Name :

STATUS

Area (ha) : 784.7530 Lat/Long : 33 49S, 121 32E
Purpose : Pres. Natural Veg. & Ocean F'shore. File Officer : M.Cavana
Vesting : Unvested File Date : 18/09/86
Shire : Esperance Field Officer: B.Muir + M.Cavana
CALM File No : F&W124876 Field Date : 25/10/86
Public Place: Lake Sore, 1:58,000 3230-III

REMARKS

Topographic Code : Undulating rises
Social Top Features : Beaches, monadnock, sand drift
Geological Substrate : Limestone
Special Soil Features :
Surface Hydrology : Salt lakes
Comments : Extensive sand drifts.

VEGETATION

Most Abundant Formation Second Abundant Formation

Dominant Species : Acacia spp.
Codominant Species :
Formation Type : Shrubland
Canopy Cover U/S : 70
Height U/S : 3.0
Canopy Cover S/L : 30
Height S/L : 1.0
Soil Colour : White
Soil Texture : s
Percentage Reserve : 50
Soil Representation: High
Comments : Qualilup Lake + fringing vegetation = 25% of reserve, open sand dunes = 25%. (This needs verification).

FLORA

Level of Knowledge : Anecdotal records
Floristic Richness : Low
Gazetted Rare Species : None recorded.
Weed Species :
Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
Gazetted Rare Species : None recorded.
Weed Species Abundant : No

REMARKS COMMENTS

NS - no access to this reserve at time of survey. Lookout at Qualilup Lake proposed. Western boundary currently under revision. D.C.E. proposal to adjoin resv.38672, 26895 and 27888. Data on this reserve needs verification from Dist

DIEBACK / FIRE

Dieback Presence : Suspected
Position in Landscape : Low
Other Diseases :
Fire Barriers : Check
Trafficable Firebreaks:
Need Maintenance :
Age of Vegetation :

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

ACCESS

Access To Boundary : Limited
Access Within Reserve : Limited
Perimeter Length (km) : 9.0
Perimeter Abutting
Uncleared Land (km) : 0.0
Uncleared Land Within
1 km of Boundary (ha): 0
Percentage Adjoining
Priv.Prop + Fenced : 0
Fence Stockproof :

USAGE

Significant Recreation Site : Yes
Recreation Details : Increasing visitation to Qualilup Lake.
Research Projects : No
Research Details :

Facilities Available : Barbecues, picnic sites
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
Current Disturbances :
Regeneration of B/Fits :
Comments : Disturbances not reported - no access at time of survey.

SITE INFO

Area (ha): 68.371 Lat/Long : 34 22S, 117 34E
 Purpose : Conservation of Flora and Fauna File Officer : A. Williams
 Vesting : NRMCA File Date : 18/03/86
 Shire : Cranbrook Field Officer: A. Williams
 CALM File No: F&M 122/70
 Public Plan: Tentarden, 1:25,000 NW Field Date : 17/03/86

Reserve Number : A38774 Name : Tentarden Nature Reserve

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pp, pb, pr
 Trafficable Firebreaks: Yes
 Need Maintenance : No
 Age of Vegetation : 5-18 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access to Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 5.0
 Perimeter Abutting
 Uncleared Land (km) : 2.0
 Uncleared Land Within
 1 km of Boundary (ha) : 280
 Percentage Adjoining
 Priv. Prop + Fenced : 75
 Fence Stockproof : Yes

Topographic Code : Bently undulating rises
 Special Topo Features :
 Geological Substrate : Laterite
 Special Geol Features :
 Surface Hydrology :
 Comments :

VEGETATION

Dominant Species : Most Abundant Formation
 Codominant Species : Eucalyptus marginata Second Abundant Formation
 Formation Type : Woodland Eucalyptus wandoo
 Canopy Cover U/S : 15
 Height U/S : 12.0
 Canopy Cover B/L : 30
 Height B/L : 1.0
 Soil Colour : Greywhite
 Soil Texture : cs
 Percentage Reserve : 60
 Soil Representation: High
 Comments : Jarrah w/story species rich. Wandoo w/story takes hiosocarpha, Acacia sp., Astraloma sp.. Low fuel loading.

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 8.80

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Most Hollows Abundant : Yes

GENERAL COMMENTS

Age of vegn 8 yrs. Adjoining uncleared land is largely degraded. Cranbrook Shire rehabilitated degraded gravel pits with some tree species not found on the reserve.

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : Yes
 Research Details : Permanent photographic reference points set up on gravel pits rehabilitat
 Facilities Available : None
 Signposting Adequate : Yes
 Condition of Signs : New

DISTURBANCE

Historical Disturbances : Timber cutting, borrow pits
 Current Disturbances : Tracts
 Regeneration of B/Pits : Yes
 Comments : Cranbrook Shire rehabilitating gravel pits.

STATUS

Area (ha) : 2.5789
 Purpose : Conservation of Flora and Fauna
 Vesting : Unvested
 Shire : Albany
 CALM File No : F&W 287/71
 Public Plan: Oyster Harbour, 1:50,000 2428-II

Lat/Long : 34 55S, 117 59E
 File Officer : M. Cavana
 File Date : 26/07/86
 Field Officer: B. Muir + M. Cavana
 Field Date : 21/10/86

ABIOITIC

Topographic Code : Undulating rises
 Special Topo Features :
 Geological Substrate : Gneiss
 Special Soil Features :
 Surface Hydrology : Ephemeral streams
 Comments : Small exposures of granite.

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus marginata
 Codominant Species : Eucalyptus calophylla
 Formation Type : Woodland
 Canopy Cover U/S : 70
 Height U/S : 6.0
 Canopy Cover S/L : 30
 Height S/L : 1.5
 Soil Colour : Yellowbrown
 Soil Texture : si
 Percentage Reserve : 20
 Soil Representation: High
 Comments : Many lithic species present.

Second Abundant Formation
 Eucalyptus marginata
 Eucalyptus patens
 Woodland
 60
 10.0
 60
 1.0
 Pinkbrown
 sc
 20

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Firebreaks are non-existent. Age of vege < 5 yrs.

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : No firebreaks
 Trafficable Firebreaks:
 Need Maintenance :
 Age of Vegetation : 0-5 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Nil
 Access Within Reserve : Nil
 Perimeter Length (km) : 0.0
 Perimeter Abutting
 Uncleared Land (km) : 0.0
 Uncleared Land Within
 1 km of Boundary (ha): 0
 Percentage Adjoining
 Priv. Prop + Fenced : 00
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No access.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : No signs of any disturbance.

STATUS

Area (ha) : 8833.1427 Lat/Long : 33 38S, 119 54E
 Purpose : Timber File Officer : J. Bartle
 Vested : Unvested File Date : 08/05/86
 Shire : Ravensthorpe Field Officer : B. Muir + M. Cavana
 CALM File No : FD 364/79 Field Date : 23/10/86
 Public Plan: Cocanarup Timber Res., 1:50,000 FD1552A

AB1011C

Topographic Code : Sheep hills
 Special Topo Features :
 Geological Substrate : Greenstone
 Spectral Geol Features : Dykes/sills
 Surface Hydrology : Rivers, ephemeral streams
 Comments : Micaceous pegmatites.

VEGETATION

Most Abundant Formation : Second Abundant Formation
 Dominant Species : Eucalyptus spp.
 Codominant Species :
 Formation Type : Woodland
 Canopy Cover U/S : 50
 Height U/S : 8.0
 Canopy Cover B/L : 20
 Height S/L : 2.0
 Soil Colour : 0.0
 Soil Texture : si
 Percentage Reserve : 40
 Soil Representation: High
 Comments : Extremely variable - contains *E. salmonophloia*, *A. acuminata*, *E. occidentalis*, *A. campestris*, *Malaleuca* spp., many mallee and lithic complexes.

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : Annual grasses adj. cleared land and in disturbed areas.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Whole survey
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : Yes

GENERAL COMMENTS

Check air photos for : firebreaks and age of vegetation. Possible illegal exploration for minerals. Reserve managed by CALM although unvested. See separate Management Plan.

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : All
 Other Diseases :
 Fire Barriers :
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation :

HISTORIC

Number Aboriginal Sites :
 Estimated Site Value :
 European Sites Recorded : Other
 Estimated Site Value : High
 Details : Grave of John Dunn (died 20/3/1888, age 31) in good condition. Line pin (sic
 n not found) in moderately good condition. Cocanarup homestead on adjacent fa
 ra.

ACCESS

Access to Boundary : High
 Access Within Reserve : Moderate
 Perimeter Length (km) : 0.0
 Perimeter Abutting
 Uncleared Land (km) : 51.0
 Uncleared Land Within
 1 km of Boundary (ha) :
 Percentage Adjoining
 Priv.Prop + fenced :
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : Yes
 Recreation Details : Local use - picnic sites etc.
 Research Projects : No
 Research Details :

Facilities Available : Picnic sites
 Signposting Adequate : Yes
 Condition of Signs : New

DISTURBANCE

Historical Disturbances : Timber cutting, borrow pits
 Current Disturbances : Tracks, timber cutting, borrow pits
 Regeneration of B/Pits : Yes
 Comments : Most borrow pits are from very old exploration.

STATUS

Area (ha) : 2178.1988 Lat/Long : 33 44S, 128 15E
 Purpose : Water + Cons. of Flora and Fauna File Officer : A. Williams
 Vesting : NPWA File Date : 11/04/86
 Shire : Ravensthorpe Field Officer: A. Williams
 CARR File No : F&W 913/71 Field Date : 22/04/86
 Public Plant: Ravensthorpe/Bandalup, 1:50,000 2938-IV/1

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : High
 Other Diseases :
 Fire Barriers : No f/breaks
 Trafficable Firebreaks:
 Need Maintenance :
 Age of Vegetation : 20+ yrs

ABiotic

Topographic Code : Undulating Hills
 Special Topo Features : Breakaways
 Geological Substrate : Laterite
 Special Soil Features :
 Surface Hydrology : Ephemeral streams
 Comments :

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus tetragona
 Codominant Species : Eucalyptus spp.
 Formation Type : Mallee
 Canopy Cover U/S : 70
 Height U/S : 2.0
 Canopy Cover S/L : 75
 Height S/L : 1.0
 Soil Colour : Pinkbrown
 Soil Texture : scl
 Percentage Reserve : 70
 Soil Representation:
 Comments : Res. lies just Sth of R'thorpe Ra. an area noted for rare plants.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 32.0
 Perimeter Abutting
 Uncleared Land (km) : 27.0
 Uncleared Land Within
 1 km of Boundary (ha): 2788
 Percentage Adjoining
 Priv.Prop + Fenced : 15
 Fence Stockproof : Yes

FLORA

Level of Knowledge : Species lists
 Floristic Richness : High
 Battered Rare Species : None recorded.
 Weed Species : None recorded.
 Percentage of Reserve : 0.00

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : Yes
 Research Details : Attempts by Dr. P. Woolley to locate dibblers on the reserve.

FAUNA

Level of Knowledge : Anecdotal records
 Battered Rare Species : None recorded but a Dabbler specimen was recorded 2 km from res.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Historical Disturbances :
 Current Disturbances : Utilities
 Regeneration of B/Pits :
 Comments : Exploration Licence 74/9 - Tenneco Oil & Minerals of Aust. Inc.

DISTURBANCE

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Old

STATUS

Area (ha) : 16.8508
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Esperance
 CALM File No : FM 277/71
 Public Plan: Esperance, 1:50,000 3038-11

Lat/Long : 33 47S, 121 52E
 File Officer : A. Williams
 File Date : 16/04/86
 Field Officer: A. Williams
 Field Date : 07/05/86

Reserve Number : A31197 Name :

ABIGITIC

Topographic Code : Gently undulating plain
 Special Topo Features :
 Geological Substrate : Not known.
 Special Bed Features :
 Surface Hydrology : Freshwater lakes
 Comments :

VEGETATION

Most Abundant Formation	Second Abundant Formation
Dominant Species : <i>Acacia cyclops</i>	<i>Bauhinia articulata</i>
Codominant Species : <i>Myrsine floribunda</i>	
Formation Type : Woodland	Other
Canopy Cover U/S : 18	50
Height U/S : 4.0	2.0
Canopy Cover S/L : 100	0
Height S/L : 2.0	0.0
Soil Colour : Greywhite	Grey
Soil Texture : 15	15
Percentage Reserve : 25	15
Soil Representation: High	
Comments : Vegetation surrounding lake is variable.	

FLORA

Level of Knowledge : No data
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species : Massive invasion of weedy grass, also some Pampas grass.
 Percentage of Reserve : 5.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of veg 18-15 yrs. Only one firebreak along S bdy. There is a boat launching site on lake edge. Permission granted to "Farm Water Supply Advisory Committee" to cart water from lake for drought relief purposes - March 1982.

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pr
 Trafficable Firebreaks: Yes
 Weed Maintenance : No
 Age of Vegetation : 18-20 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : Other
 Estimated Site Value : Low
 Details : Old derelict water tower.

ACCESS

Access To Boundary : Limited
 Access Within Reserve : Nil
 Perimeter Length (km) : 1.8
 Perimeter Abutting
 Uncleared Land (km) : 0.6
 Uncleared Land Within
 1 km of Boundary (ha) : 68
 Percentage Adjoining
 Priv.Prop + Fenced : 65
 Fence Stockproof : Yes

USAGE

Significant Recreation Site: No
 Recreation Details : Possible bird watching and horse riding site.
 Research Projects : Yes
 Research Details : S.W. wetlands monitoring program-J.Lane M.R.C.
 Facilities Available : Other - see comments.
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Part cleared, other
 Current Disturbances : Utilities, other
 Regeneration of B/Pits :
 Comments : Sand blowout - SE corner. Lake used for drought relief purposes.

Reserve Number : 031310 Name :

STATUS

Area (ha) : 12.7216
Purpose : Conservation of Flora
Vesting : Unvested
Shire : Esperance
CALM File No : FWA2707/6
Public Plan: 1" = 1 mile, 402/80
Lat/Long : 33 29S, 121 44E
File Officer : M.Cavana
File Date : 18/09/81
Field Officer: M.Cavana + E.Nor
Field Date : 31/10/85

ABIOTIC

Topographic Code : Level plain
Special Top Features :
Biological Substrate : Calcrete
Special Soil Features :
Surface Hydrology :
Comments :

VEGETATION

Most Abundant Formation : Second Abundant Formation

Dominant Species : Eucalyptus spp

Codominant Species :

Formation Type : Mallee

Canopy Cover W/S : 50

Height W/S : 4.0

Canopy Cover S/L : 70

Height S/L : 1.0

Soil Colour : Pinkgrey

Soil Texture : SC

Percentage Reserve : 100

Soil Representation: High

Comments :

FLORA

Level of Knowledge : Whole survey

Floristic Richness : Moderate

Bazetted Rare Species : None recorded.

Weed Species : Pasture grasses on margins only

Percentage of Reserve : 2.00

FAUNA

Level of Knowledge : No data

Bazetted Rare Species : None recorded.

Nest Hollows Abundant : No

GENERAL COMMENTS

Reserve is described in M.A.Burgman Report No. 5 (1985).

DIERCK / FIRE

Black Presence : Suspected
Position in Landscape : Middle
Other Disturbances :
Fire Barriers : pp,pr
Trafficable Firebreaks: Yes
Need Maintenance : No
Age of Vegetation : 20+ yrs

HISTORIC

Number Aboriginal Sites :
Estimated Site Value :
European Sites Recorded :
Estimated Site Value :
Details :

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Nil
Perimeter Length (km) : 1.6
Perimeter Muffling :
Uncleared Land (km) : 0.0
Uncleared Land Within
1 km of Boundary (ha) :
Percentage Adjoining
Priv.Prop + Fenced : 30
Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
Recreation Details : Too small.
Research Projects : No
Research Details :
Facilities Available : None
Signposting Adequate : Yes
Condition of Signs : Old

DISTURBANCE

Historical Disturbances :
Current Disturbances :
Regeneration of B/Pits :
Comments : Set line along Esp-Norse hwy. Small gravel scrape at N end.

STATUS

Area (ha): 2936.3748 Lat/Long : 33 30S, 119 42E
 Purpose : Conservation of Flora and Fauna File Officer : M. Cavana
 Vesting : NPWRA File Date : 18/09/96
 Shire : Ravensthorpe Field Officer: B. Muir + M. Cavana
 CML File No : FM 619/72 Field Date : 23/10/86
 Public Plan: Magdababa/Maitinerup, 1:50,000 2838-IV

Reserve Number : C31424 Name :

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : All
 Other Diseases :
 Fire Barriers : cp, ci, pb, pr
 Trafficable Firebreaks: Yes
 Weed Maintenance : No
 Age of Vegetation : 18-20 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (ka) : 28.6
 Perimeter Abutting
 Uncleared Land (ka) : 6.8
 Uncleared Land Within
 1 ka of Boundary (ha) : 8
 Percentage Adjoining
 Priv. Prop + Fenced : 0
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : Isolated - some trail-bike use.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : No signs of any disturbance.

ABIOTIC

Topographic Code : Gently undulating plain
 Special Tono Features :
 Geological Substrate : Laterite?
 Special Geol Features : Gypsum deposits
 Surface Hydrology : Ephemeral streams, salt lakes
 Comments : Gypsum deposits, Claypans.

VEGETATION

	Most Abundant Formation	Second Abundant Formation
Dominant Species :	Eucalyptus spp.	Mixed spp.
Codominant Species :	Eucalyptus tetragona	
Formation Type :	Mallee	Heath
Canopy Cover U/S :	68	78
Height U/S :	2.8	0.5
Canopy Cover G/L :	30	8
Height G/L :	0.5	0.8
Soil Colour :	Yellowbrown	Yellowbrown
Soil Texture :	fsi	fsi
Percentage Reserve :	30	30
Soil Representation:	High	

Comments : E. tetragona (30% cov, 4 m) / mixed heath (70% cov, 1 m) = 30% of reserve. Marshes + claypans = 5%. E. occidentalis WL = 5%. Marisia sp., Nitelia coll.

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : On fencelines.
 Percentage of Reserve : 0.58

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Some of heath < 5 yrs, rest > 10 yrs. Requests to excise portions of reserve to adj. landholders were refused (1977). Check air photos for quality of uncleared land. Bobtail lizard eating fungus noted (Amanita sp.). Several species of water-bird noted.

STATUS

Area (ha): 250.7680 Lat/Long : 33 40S, 119 47E
 Purpose : Conservation of Flora and Fauna File Officer : A. Williams
 Vesting : NPWCA File Date : 15/04/86
 Shire : Ravensthorpe Field Officer: A. Williams
 CALM File No : FM 620/72 Field Date : 21/04/86
 Public Plan: Coconarup, 1:50,000 2030-1

ABIGTIC

Topographic Code : Gently undulating rises
 Special Topo Features :
 Geological Substrate : Not known.
 Special Soil Features :
 Surface Hydrology : Ephemeral streams
 Comments : Seasonal lake.

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus tetragona
 Codominant Species : Eucalyptus spp.
 Formation Type : Mallee
 Canopy Cover U/S : 20
 Height U/S : 2.5
 Canopy Cover B/L : 65
 Height B/L : 0.5
 Soil Colour : Pinkwhite
 Soil Texture : sl
 Percentage Reserve : 100
 Soil Representation:
 Comments : Mallee over species rich heath. Reserve in good condition.

FLORA

Level of Knowledge : Species lists
 Floristic Richness : High
 Sazetted Rare Species : None recorded.
 Weed Species : None recorded.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Sazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 15 yrs. File reports Hakea laurina with branches cut - Seed/Flower trade?? Top soil should be spread over gravel pit site. Reserve is in good condition and deserves high priority signposting.

DIEBACK / FIRE

Dieback Presence : Uninterpretable
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : 00.pr
 Trafficable Firebreaks: Yes
 Need Maintenance : No
 Age of Vegetation : 10-20 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 6.0
 Perimeter Abutting
 Uncleared Land (km) : 1.1
 Uncleared Land Within
 1 km of Boundary thal: 110
 Percentage Adjoining
 Priv.Prop + Fenced : 60
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Borrow pits
 Current Disturbances : Utilities
 Regeneration of B/Pits : Yes
 Comments : Reserve deserves high priority sign posting.

STATUS

Area (ha) : 242903.0000 Lat/Long : 34 00S, 119 30E
 Purpose : National Park File Officer : B. Muir + T. Passmore
 Vesting : NPWCA File Date : 16/01/86
 Shire : J. Mungahk Thorpe Field Officer:
 CALM File No : NPA 40 Field Date : / /
 Public Plan: Newdegate/Bremer Bay, 1:250,000 SI 50-8/50-12

ABIOITIC

Topographic Code : Rolling hills
 Special Top Features : Contains all of the options.
 Geological Substrate : Palimpsest siltstone
 Special Bed Features : Fossils, schists
 Surface Hydrology : Rivers, perma & ephem streams, 'water lake'
 Comments : Includes sea caves, micritic substrate

VEGETATION

Most Abundant Formation : Second Abundant Formation
 Dominant Species : Eucalyptus spp. Mixed spp.
 Codominant Species :
 Formation Type : Mallee Heath
 Canopy Cover U/S : 70 70
 Height U/S : 4.8 2.8
 Canopy Cover 6/L : 30 10
 Height 6/L : 1.8 1.8
 Soil Colour : Redbrown Yellowbrown
 Soil texture : sci fsl
 Percentage Reserve : 50 20
 Soil Representation: High
 Comments : Vepc mapped at 1:250,000 by Apelin, 1971. Euc.tetrastoma, E.bugrestium, E.uncinata, E.rudecta and E.incrassata cover much of the Park.

FLORA

Level of Knowledge : Partly surveyed
 Floristic Richness : High
 Rarest Rare Species : List of ca.17 species - see data sheet.
 Weed Species : Pest species.
 Percentage of Reserve : 0.50

FAUNA

Level of Knowledge : Partly surveyed
 Rarest Rare Species : Dribbler, Red-tailed Phascogale, Ground Parrot, Bristle Bird, Heath Rat.
 Most Hollows Abundant : Yes

GENERAL COMMENTS

Majority of Park older than 15 yrs. Ref Muir (1985) M.A. Nat for Ground Parrot and Dribbler data. Addition of VCL to the north urgently recommended.

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : All
 Other Diseases :
 Fire Barriers : cp,cb,pi,pr
 Trafficable Firebreaks: Yes
 Weed Maintenance : Yes
 Age of Vegetation : 10-20 yrs

HISTORIC

Number Aboriginal Sites : 50
 Estimated Site Value : High
 European Sites Recorded : Ruins
 Estimated Site Value : High
 Details : Ruins of historical buildings, old telegraph line, Quailup Homestead (not in Park), early mining areas. Also Twertup Research Centre in good condition.

ACCESS

Access To Boundary : High
 Access Within Reserve : Moderate
 Perimeter Length (km) : 248
 Perimeter Abutting
 Uncleared Land (km) : 220
 Uncleared Land Within
 1 km of Boundary (ha) : 22000
 Percentage Adjoining
 Priv.Prop + Fenced : 20
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : Yes
 Recreation Details : Visitor station, trails, fishing and camping.
 Research Projects : Yes
 Research Details : Many research projects - refer to files etc.
 Facilities Available : Long-drop toilets, barbecues, Picnic sites, interpretation
 Signposting Adequate : Yes
 Condition of Signs : Old

DISTURBANCE

Historical Disturbances : Tracks, timber cutting, borrow pits, utilities
 Current Disturbances : Borrow pits, rubbish dumps, mining tenement
 Regeneration of B/Pits : Yes
 Comments : Coppermine Creek regenerating. M = mining tenement active.

STATUS

Area (ha): 1179.3888
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Esperance
 CALM File No : F14 214/73
 Public Plan: Lons, 1:50,000 3131-III

Lat/Long : 33 27S, 121 14E
 File Officer : A. Williams
 File Date : 11/04/86
 Field Officer: A. Williams
 Field Date : 25/04/86

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : All
 Other Diseases :
 Fire Barriers : pp.pr
 Trafficable Firebreaks: No
 Need Maintenance : Yes
 Age of Vegetation : 5-18 yrs

AB1011C

HISTORIC

Topographic Code : Gently undulating rises
 Special Topo Features :
 Geological Substrate : Not known.
 Special Geol Features :
 Surface Hydrology : Ephemeral streams
 Comments :

Number Aboriginal Sites : 8
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus scyphocalyx
 Codominant Species : Eucalyptus redunca
 Formation Type : Mallee
 Canopy Cover W/S : 35
 Height W/S : 2.5
 Canopy Cover E/L : 75
 Height E/L : 8.5
 Soil Colour : Whitebrow
 Soil Texture : cs
 Percentage Reserve : 58
 Soil Representation: High
 Comments : Other formations include Euc. occidentalis low WL + sparse Banksia media (la.10% cover).

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 14.8
 Perimeter Abutting :
 Uncleared Land (km) : 8.6
 Uncleared Land Within :
 1 km of Boundary (ha): 60
 Percentage Adjoining :
 Priv.Prop + Fenced : 100
 Fence Stockproof : Yes

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : High
 Gazetted Rare Species : None recorded but undescribed Euc. found by M.A.Burqaan.
 Weed Species : Pasture grasses, Arctotheca calendula, Brassica tournifortii.
 Percentage of Reserve : 1.00

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : No
 Research Details :

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Tracks, borrow pits
 Current Disturbances : Borrow pits, other
 Regeneration of B/Pits : Yes
 Comments : Telecom cable lines att as narrow, clear firebreaks.

GENERAL COMMENTS

Age of vege 5-18 yrs. Firebreaks on W and S boundaries are completely overgrown. Underground Telecom cable runs along E and N boundaries. Illegal borrow pit along Griffiths Rd. still in use. Reserve included in M.A.Burqaan (1985), Report No. 5.

STATUS

Area (ha) : 95.6834
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWS
 Shire : Esperance
 CALM File No : FM 211/73
 Public Plan: Young River, 1:50,000 3130-IV

Lat/Long : 33 35. 121 12E
 File Officer : A. Williams
 File Date : 14/08/86
 Field Officer: A. Williams
 Field Date : 26/08/86

ABIOITIC

Topographic Code : Sently undulating rises
 Special Topo Features :
 Geological Substrate : Granite
 Special Soil Features :
 Surface Hydrology : Winter wet swamp
 Comments : Winter wet swamp.

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus spp.
 Codominant Species : Banksia media
 Formation Type : Mallee
 Canopy Cover U/S : 45
 Height U/S : 2.8
 Canopy Cover S/L : 65
 Height S/L : 1.8
 Soil Colour : Whitebrown
 Soil Texture : CS
 Percentage Reserve : 58
 Soil Representation: High
 Comments : Floristically very diverse reserve.

Second Abundant Formation
 Eucalyptus occidentalis
 Woodland
 CS
 8.8
 58
 2.8
 Grey
 mhc
 25

FIDRA

Level of Knowledge : Whole survey
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species : *Arctotheca calendula*, *Brassica tournefortii*, Pasture grasses.
 Percentage of Reserve : 2.88

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of veg ca. 12 yrs. Recommend inclusion of Block 1894. Old School site (1880s & 80s) near SW corner - now removed. Historical rubbish dump cleaned up by PMO in 1983. Signs of off-road vehicle use. Reserve included in M.A. Burman (1983), Report No. 5.

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : CD, PF
 Trafficable Firebreaks: Yes
 Weed Maintenance : No
 Age of Vegetation : 5-10 yrs

HISTORIC

Number Aboriginal Sites : 9
 Estimated Site Value :
 European Sites Recorded : Other
 Estimated Site Value : Low
 Details : Old school site - cleared area.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 3.9
 Perimeter Abutting
 Uncleared Land (km) : 8.8
 Uncleared Land Within
 1 km of Boundary (ha): 0
 Percentage Adjoining
 Priv. Prop + Fenced : 76
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No evidence.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Part cleared
 Current Disturbances : Utilities, other
 Regeneration of B/Pits :
 Comments : Old school site - now removed.

Wage :

BLACK / FIRE

Dieback Presence : Suspected
Position in Landscape : Middle
Other Diseases :
Fire Barriers : No f/breaks
Trafficable Firebreak :
Need Maintenance :
Age of Vegetation : 5-10 yrs

3180151H

Number Aboriginal Sites :	0
Estimated Site Value :	
European Sites Recorded :	None
Estimated Site Value :	
Details :	

5533J6

Access To Boundary	: Moderate
Access Within Reserve	: Nil
Perimeter Length (km)	: 6.8
Perimeter Abutting	
Uncleared Land (km)	: 1.0
Uncleared Land Within	
1 km of Boundary (ha)	: 100
Percentage Adjoining	
Priv. Prop & Fenced	: 85
Price Stocked/acre	: Yes

SAGE

Significant Recreation Site : No
Recreation Details : No evidence.
Research Projects : No
Research Details :

DISURBANCE

Historical Disturbances : Burrow pits
Current Disturbances : Utilities
regeneration of B/Pits :

Comments: Gravel pit is so large it acts as a dam and holds water.

Edge of vega ca. 10 yrs. Firebreaks are non-existent. Local farmer dumps dead sheep and skins in SE corner. The gravel pit inside the reserve is so deep it acts as a dam and holds water. Reserve is included in M.A. Burzan (1985). Panor. No. 5.

STATUS

Area (ha): 97.4576 Lat/Long : 33° 29' S, 121° 06' E
 Purpose : Conservation of Flora and Fauna File Officer : M. Cavana
 Vesting : Unvested File Date : 18/09/86
 Shire : Eschschance Field Officer: B. Muir + M. Cavana
 CALM File No : FW 194/73
 Public Plan: 1 : 1 mile, 403/88 Field Date : 25/10/86

Reserve Number : C01745

Name :

ABIGIOTIC

Topographic Code : Bently undulating rises
 Special Topo Features :
 Geological Substrate : Calcrete
 Special Geol Features :
 Surface Hydrology : Ephemeral wetland
 Comments : Ephemeral wetland.

VEGETATION

Most Abundant Formation Second Abundant Formation
 Dominant Species : Eucalyptus spp.
 Codominant Species :
 Formation Type : Melale
 Canopy Cover U/S : 70 0
 Height U/S : 4.0 0.8
 Canopy Cover S/L : 70 0
 Height S/L : 1.0 0.0
 Soil Colour : Pinkgrey
 Soil Texture : SC
 Percentage Reserve : 100 0
 Soil Representation: High
 Comments : Seall area of Melaleuca cymatophylla. Unident. Hakea sp. collected.

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Low
 Gazetted Rare Species : None recorded.
 Weed Species : Pasture grasses, Lolium sp. deliberately planted along SEC track.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 5-10 yrs. Deliberate sowing of Lolium sp. on powerline access track. Reserve included in M.A. Burmann's Report No. 5 (1985).

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : ci.pr
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 5-10 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded :
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 4.0
 Perimeter Abutting
 Uncleared Land (km) : 1.0
 1 km of Boundary (ha): 0
 Percentage Adjoining
 Priv. Prop + Fenced : 25
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : Too isolated, nothing of interest.
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Utilities
 Regeneration of B/Pits :
 Comments : SEC powerline through middle of reserve.

STATUS

Area (ha): 5513.8882 Lat/Long : 33 38S, 128 40E
 Purpose : Conservation of Flora and Fauna File Officer : A.Williams
 Vesting : NPWCA File Date : 14/04/86
 Shire : Ravensthorpe Field Officer: A.Williams
 CALM File No : F2M 196.73 Field Date : 23/04/86
 Public Plan: Dreyer/Oldfield, 1:50,000 3831-III/3838-IV

DIEBACK / FIRE

Dieback Presence : Uninterpretable
 Position in Landscape : All
 Other Diseases :
 Fire Barriers : ci.pp.pr
 Trafficable Firebreaks: No
 Need Maintenance : Yes
 Age of Vegetation : 18-20 yrs

ABIOTIC

Topographic Code : Undulating hills
 Special Top Features :
 Geological Substrate : Granite
 Special Soil Features :
 Surface Hydrology : Ephemeral streams
 Comments :

VEGETATION

Dominant Species : Most Abundant Formation
 Codominant Species : Eucalyptus spp. Second Abundant Formation
 Formation Type : Mallee Eucalyptus tetragona
 Canopy Cover U/S : 50 Mallee
 Height U/S : 4.0 15
 Canopy Cover 6/L : 75 3.0
 Height 6/L : 1.5 75
 Soil Colour : Greybrown Brownwhite
 Soil Texture : cs
 Percentage Reserve : 60 20
 Soil Representation: High
 Comments : Extensive patches of dense E.platypus in clay soils. E.stoatei occurs on res. This species is geographically restricted.

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : High
 Gazetted Rare Species : Underground Orchid, Rhizanthella gardneri.
 Weed Species : Brassica tournfortii.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : Mallee Fowl nests recorded in past, presumed to occur.
 Nest Hollows Abundant :

GENERAL COMMENTS

Age of vege 15+ yrs. No firebreaks on S and W boundaries, remainder require immediate attention. Illegal gravel extraction. Recommend rationalising the E bdy by including intrusive blocks. Beekeeping has been excluded from reserve.

HISTORIC

Number Aboriginal Sites :
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 44.0
 Perimeter Abutting
 Uncleared Land (km) : 15.0
 Uncleared Land Within
 1 km of Boundary (ha): 1588
 Percentage Adjoining
 Priv.Prop + Fenced : 58
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : Yes
 Research Details : Study of the rare Underground Orchid by Dr. K.W.Dixon, UWA, Dept. of Soil Science and Plant Nutrition.
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Borrow pits
 Regeneration of B/Pits : No
 Comments : Current gravel extraction on reserve.

STATUS

Area (ha) : 824.5628 Lat/Long : 33 40S, 120 40E
Purpose : Conservation of Flora and Fauna File Officer : A. Williams
Vesting : NPQCA File Date : 14/04/96
Shire : Ravensthorpe Field Officer : A. Williams
CALM File No : F&W 197/73 Field Date : 23/04/86
Public Plant Mapping: 1:50,000 3030-1

ABIO71C

Topographic Code : Undulating low hills
Special Topo Features :
Geological Substrate : Granite?
Special Geol Features :
Surface Hydrology : Ephemeral streams
Comments :

VEGETATION

Most Abundant Formation
Dominant Species : Eucalyptus spp.
Codominant Species :
Formation Type : Mallee
Canopy Cover W/S : 48
Height W/S : 2.0
Canopy Cover S/L : 85
Height S/L : 1.8
Soil Colour : Brown
Soil Texture : si
Percentage Reserve : 68
Soil Representation: High
Comments : *Conostylis bealliana*, *C. argentea* recorded (S.D. Hopper). Mallee/Melaleuca uncinata association (1.5m, 60% cover) over a heath (0.5m, 35% cover).

Second Abundant Formation
Eucalyptus tetradlea
Eucalyptus sp.
Mallee
5
2.0
85
1.8
Brown
si
28

FLORA

Level of Knowledge : Whole survey
Floristic Richness : High
Gazetted Rare Species : None recorded.
Weed Species : Along roads and fencelines.
Percentage of Reserve : 0.80

FAUNA

Level of Knowledge : Anecdotal records
Gazetted Rare Species : None recorded.
Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vegetation 15+ yrs. Firebreaks are non-existent. Reserve included in M.A. Burman's Report No. 5 (1985).

DIEBACK / FIRE

Dieback Presence : Uninterpretable
Position in Landscape : High
Other Diseases :
Fire Barriers : or
Trafficable Firebreaks:
Weed Maintenance :
Age of Vegetation : 10-20 yrs

HISTORIC

Number Aboriginal Sites :
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

ACCESS

Access to Boundary : Moderate
Access Within Reserve : Nil
Perimeter Length (km) : 11.2
Perimeter Abutting
Uncleared Land (km) : 0.8
Uncleared Land Within
1 km of Boundary (ha) : 0
Percentage Adjoining
Priv. Prop + Fenced : 100
Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
Recreation Details :
Research Projects : No
Research Details :

Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
Current Disturbances : Borrow pits
Regeneration of B/Pits : No
Comments : Gravel pit (0.2 ha) on S boundary.

Reserve Number : C31799 Name :

STATUS

Area (ha) : 3617.5382
Purpose : Conservation of Flora and Fauna
Vetting : NPWCA
Shire : Esperance
CALM File No : F&M 711/73
Public Plan: 1 : 1 mile, 425/88

DIEBACK / FIRE

Dieback Presence : No evidence
Position in Landscape : All
Other Diseases :
Fire Barriers : pp.pi.pr
Trafficable Firebreaks: Yes
Need Maintenance : Yes
Age of Vegetation : 5-10 yrs

ABIOYIC

Topographic Code : Undulating low hills
Special Top Features : Monadnocks
Geological Substrate : Calcrete?
Special Soil Features :
Surface Hydrology : Salt lakes
Comments :

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded :
Estimated Site Value :
Details :

VEGETATION

Dominant Species : Mixed spp.
Codominant Species :
Formation Type : Heath
Canopy Cover U/S : 70
Height U/S : 1.0
Canopy Cover S/L : 0
Height S/L : 0.0
Soil Colour : White
Soil Texture : s
Percentage Reserve : 50
Soil Representation: High
Comments : Extensive sample of B. speciosa dominated deep sand heath vegetation.

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Limited
Perimeter Length (km) : 31.1
Perimeter Abutting
Uncleared Land (km) : 2.8
Uncleared Land Within
1 km of Boundary (ha) : 288
Percentage Adjoining
Priv.Prop + Fenced : 95
Fence Stockproof : Yes

FLORA

Level of Knowledge : Whole survey
Floristic Richness : High
Gazetted Rare Species : None recorded.
Weed Species : Brassica tournfortii adjacent to farmland.
Percentage of Reserve : 0.00

USAGE

Significant Recreation Site : No
Recreation Details : No access.
Research Projects : No
Research Details :

FAUNA

Level of Knowledge : Anecdotal records
Gazetted Rare Species : None recorded.
Nest Hollows Abundant : No

Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Borrow pits
Current Disturbances :
Regeneration of B/Pits :
Comments : Gravel pit on NE and NW boundaries.

GENERAL COMMENTS

Mallee areas ca. 10 yrs old. Reserve included in M.A. Burgeon's Report No. 5 (1985). Searched for granite outcrop and salt marsh but couldn't locate them - source of info. possibly air photos.

STATUS

Area (ha) : 322.8868 Lat/Long : 33 34S, 119 45E
Purpose : Conservation of Flora and Fauna File Officer : A. Williams
Vetting : NPWSA File Date : 14/04/86
Shire : Ravensthorpe Field Officer: A. Williams
CALM File No : FLM 282/73 Field Date : 21/04/86
Public Plant: Cocinarup/Mainerup, 1:58,888 2838-1/19

ABJOTIC

Topographic Code : Undulating low hills
Special Top Features :
Geological Substrate : Granite
Special Soil Features :
Surface Hydrology : Ephemeral streams
Comments : Permanent, brackish pools.

VEGETATION

Most Abundant Formation Second Abundant Formation
Dominant Species : Eucalyptus spp. Eucalyptus occidentalis
Codominant Species : Melaleuca uncinata
Formation Type : Mallee Woodland
Canopy Cover U/S : 58
Height U/S : 2.5 8.8
Canopy Cover 6/L : 68 18
Height 6/L : 1.8 3.8
Soil Colour : Pinkgrey Greydown
Soil Texture : c15 c5
Percentage Reserve : 88 18
Soil Representation: High
Comments : The most dominant formation was a variable mallee/heath in which the dominants frequently altered.

FLORA

Level of Knowledge : Anecdotal records
Floristic Richness : High
Bazetted Rare Species : None recorded.
Weed Species : Pasture weeds on firebreaks only.
Percentage of Reserve : 8.18

FAUNA

Level of Knowledge : Anecdotal records
Bazetted Rare Species : None recorded.
Nest Hollows Abundant : No

GENERAL COMMENTS

Age of venge 15+ yrs. Reserve needs extra firebreaks. Fauna and flora lists exist for adjoining Cocanarup tiaber reserve (38795). Check air photos for quality of adj. uncleared land.

DIEBACK / FIRE

Dieback Presence : Uninterpretable
Position in Landscape : Middle
Other Diseases :
Fire Barriers : pp,pr
Trafficable Firebreaks: Yes
Weed Maintenance : Yes
Age of Vegetation : 10-20 yrs

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Limited
Perimeter Length (ka) : 12.2
Perimeter Abutting
Uncleared Land (ka) : 2.5
Uncleared Land Within
1 ka of Boundary (ha): 250
Percentage Adjoining
Priv.Prop + Fenced : 75
Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
Recreation Details : No evidence.
Research Projects : No
Research Details :
Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
Current Disturbances :
Regeneration of B/Pfts :
Comments : No signs of any disturbance.

Reserve Number : C32128 Name :

STATUS

Area (ha): 444.5448
Purpose : Conservation of Flora and Fauna
Vesting : NPWCA
Shire : Esperance
CALM File No : FM 712/73
Public Plan: 1' : 1 mile, 424/88

DIEBACK / FIRE

Dieback Presence : No evidence
Position in Landscape : Middle
Other Diseases :
Fire Barriers : pp, pr, pi
Trafficable Firebreaks: Yes
Need Maintenance : No
Age of Vegetation : 5-10 yrs

ABIOITIC

HISTORIC

Topographic Code : Gently undulating rises
Special Topo Features : Monadnocks
Geological Substrate : Granite/Laterite
Special Geol Features :
Surface Hydrology : Ephem. streams, salt lakes, rock pools
Comments : Rock pools.

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

VEGETATION

Most Abundant Formation :
Dominant Species : Eucalyptus spp.
Codominant Species :
Formation Type : Heath
Canopy Cover U/S : 10
Height U/S : 1.0
Canopy Cover S/L : 80
Height S/L : 8.5
Soil Colour : Yellowbrown
Soil Texture : scl
Percentage Reserve : 88
Soil Representation: Moderate
Comments : Stand of Allocasuarina huegeliana at granite area. Acacias in transition zone - Melaleucas at lowest point.

ACCESS
Access To Boundary : Moderate
Access Within Reserve : Limited
Perimeter Length (km) : 8.6
Perimeter Abutting :
Uncleared Land (km) : 0.8
Uncleared Land Within :
1 km of Boundary (ha): 8
Percentage Adjoining : 68
Priv.Prop + Fenced : 68
Fence Stockproof : Yes

FLORA

Level of Knowledge : Whole survey
Floristic Richness : High
Gazetted Rare Species : None recorded.
Need Species : Abundant on granite area and near boundary - see General Comments.
Percentage of Reserve : 5.88

USAGE

Significant Recreation Site : No
Recreation Details : Some evidence of camping.
Research Projects : Yes
Research Details : S.W. Wetlands Monitoring Program - J.Lane M.R.C.

Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Timber cutting
Current Disturbances : Timber cutting, borrow pits
Regeneration of B/Pits : Yes
Comments : Main gravel pit on res. - 10 ha. Others on Howick Rd. on road res.?

FAUNA

Level of Knowledge : Anecdotal records
Gazetted Rare Species : None recorded.
Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 5-10 yrs. Needs include B. tournfortii, Conzva bonariensis, Senecio quadridentatus and Arctotheca calendula. Caravan noted at granite area (XBT 006)- A.P.B.? Reserve included in M.A.Burgan's Report No. 5 (1985).

STATUS

Area (ha) : 1751.5688
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Esperance
 CALM File No : F&W 713/73
 Public Plan 1st : 1 site, 424, 481/88

Lat/Long : 33 28S, 122 44E
 File Officer : J.Bartle
 File Date : 23/06/86
 Field Officer: S.Muir + M.Cavana
 Field Date : 28/10/86

ABJOTIC

Topographic Code : Gently undulating plain
 Special Topo Features :
 Geological Substrate : Calcrete
 Special Geol Features :
 Surface Hydrology :
 Comments :

VEGETATION

	Most Abundant Formation	Second Abundant Formation
Dominant Species :	Eucalyptus spp.	
Codominant Species :		
Formation Type :	Mallee	
Canopy Cover U/S :	60	0
Height U/S :	6.0	0.8
Canopy Cover S/L :	30	0
Height S/L :	1.8	0.8
Soil Colour :	Pinkgrey	
Soil Texture :	sc	
Percentage Reserve :	99	0
Soil Representation:	High	
Comments :	Grevillea collected - may be the one from Cape Arid and considered rare.	

FLORA

Level of Knowledge : Whole Survey
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege < 5 yrs. Illegal gravel pit (6 ha) on reserve. See E.M.Bennett, "Nature Conservation Values of Crown Land under Consideration For Release For Agriculture - Mount Beaumont Stage II", 1983.

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pp.pr
 Trafficable Firebreaks: No
 Need Maintenance : Yes
 Age of Vegetation : 4-5 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 18.7
 Perimeter Abutting
 Uncleared Land (km) : 0.0
 Uncleared Land Within
 1 km of Boundary (ha) : 0
 Percentage Adjoining
 Priv.Prop + Fenced : 0
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : Too isolated.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Timber cutting
 Current Disturbances : Borrow pits, utilities
 Regeneration of B/Pits : No
 Comments : Illegal gravel pit (6 ha). Telecom cable line along Karl Berg Rd.

Reserve Number : C32138 Name :

STATUS

Area (ha): 2488.5488
Purpose : Conservation of Flora and Fauna
Vesting : NPWCA
Shire : Esperance
CALM File No : F&M 713/73
Public Plan: 1° : 1 mile, 481,424/88
Lat/Long : 33° 30'S, 122° 38'E
File Officer : J. Bartle
File Date : 23/06/86
Field Officer: B. Muir + M. Cavana
Field Date : 29/10/86

ABIOTIC

Topographic Code : Gently undulating plain
Special Topo Features :
Geological Substrate : Calcrete
Special Geol Features :
Surface Hydrology : Salt lakes
Comments :

VEGETATION

Most Abundant Formation

Dominant Species : Eucalyptus spp.

Codominant Species :

Formation Type : Mallee

Canopy Cover U/S : 78

Height U/S : 2.5

Canopy Cover S/L : 28

Height S/L : 0.5

Soil Colour : Pinkgrey

Soil Texture : fs1

Percentage Reserve : 98

Soil Representation: High

Comments : Many salt lakes.

FLORA

Level of Knowledge : Whole survey
Floristic Richness : Moderate
Gazetted Rare Species : None recorded.
Weed Species :
Percentage of Reserve : 0.88

FAUNA

Level of Knowledge : No data
Gazetted Rare Species : None recorded.
Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege < 5 yrs except for salt lakes. See E.M. Bennett, "Native Conservation Values of Crown Land under Consideration for Release for Agriculture - Mount Beaumont Stage II", 1983.

DIEBACK / FIRE

Dieback Presence : No evidence
Position in Landscape : Low
Other Diseases :
Fire Barriers : pp, pf, pn
Trafficable Firebreaks: Yes
Need Maintenance : Yes
Age of Vegetation : 0-5 yrs

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Nil
Perimeter Length (km) : 22.4
Perimeter Abutting
Uncleared Land (km) : 2.0
Uncleared Land Within
1 km of Boundary (ha): 200
Percentage Adjoining
Priv. Prop + Fenced : 95
Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
Recreation Details : No access.
Research Projects : No
Research Details :
Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
Current Disturbances :
Regeneration of B/Pits :
Comments : No signs of any disturbances.

STATUS

Area (ha): 1057.6580
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Esperance
 CALM File No : FM 715/73
 Public Plan: 1 : 1 mile, 400, 425/80

Reserve Number : C32131

Name :

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pp, pr
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 0-5 yrs

ABIOITIC

Topographic Code : Gently undulating plain
 Special Topo Features :
 Geological Substrate : Calcrete
 Special Geol Features :
 Surface Hydrology :
 Comments :

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus ovularis
 Codominant Species :
 Formation Type : Woodland
 Canopy Cover U/S : 50
 Height U/S : 6.0
 Canopy Cover B/L : 70
 Height B/L : 1.8
 Soil Colour : Pinkgrey
 Soil Texture : cl
 Percentage Reserve : 50
 Soil Representation: High
 Comments :

Second Abundant Formation
 Eucalyptus spp.
 Mallee
 70
 2.0
 20
 1.0
 Yellowbrown
 sc
 50

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : Yes

GENERAL COMMENTS

70% of reserve ca. 5 yrs old - rest > 20 yrs. See E.M. Bennett, "Nature Conservation Values of Crown Land under Consideration for Release for Agriculture - Mount Beaumont State II.", 1983.

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 13.0
 Perimeter Abutting
 Uncleared Land (ha) : 0.0
 Uncleared Land Within
 1 km of Boundary (ha) : 0
 Percentage Adjoining
 Priv. Prop + Fenced : 75
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : Too isolated.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Timber cutting
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : Scattered timber cutting (historical).

Reserve Number : A32257 Name :

STATUS

Area (ha) : 789.7880 Lat/Long : 33 49S, 121 52E
Purpose : Recreation + Cons. of Flora & Fauna File Officer : A. Williams
Vesting : NPWCA File Date : 16/04/86
Shire : Esperance Field Officer: A. Williams
CALM File No : F&W 168/70 Field Date : 08/05/86
Public Plan: Esperance, 1:50,000 3230-11

ABIOTIC

Topographic Code : Level plain
Special Topo Features :
Geological Substrate : Unknown.
Special Soil Features :
Surface Hydrology : Salt lakes
Comments : Lake Warden.

VEGETATION

Most Abundant Formation
Dominant Species : Banksia speciosa
Second Abundant Formation
Dominant Species : Melaleuca cuticularis
Formation Type : Shrubland
Canopy Cover H/S : 60 Woodland
Height U/S : 3.8 68
Canopy Cover G/L : 90 4.8
Height G/L : 1.5 15
Soil Colour : White 8.5
Soil Texture : Greywhite
Percentage Reserve : 3 is
Soil Representation: High 1
Comments : Almost entire reserve occupied by lake.

FLORA

Level of Knowledge : Anecdotal records
Floristic Richness : Moderate
Gazetted Rare Species : None recorded.
Weed Species : Veldt grass abundant along boundaries.
Percentage of Reserve : 8.00

FAUNA

Level of Knowledge : Species lists
Gazetted Rare Species : None recorded.
Nest Hollows Abundant : No

GENERAL COMMENTS

There is evidence of periodic burning all around the lake. Part of N bdy burnt May 1986. Sand blowout (N bdy) caused by previous excavation through dune. Reserve listed as suitable for beekeeping - see West. Aust. Nat. Res. Manual. Suppl. No 1 (1983).

DIEBACK / FIRE

Dieback Presence : Suspected
Position in Landscape : Low
Other Diseases :
Fire Barriers : cn.pr
Trafficable Firebreaks: Yes
Need Maintenance : No
Age of Vegetation : 5-18 yrs

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Limited
Perimeter Length (km) : 11.3
Perimeter Abutting
Uncleared Land (km) : 7.5
Uncleared Land Within
1 km of Boundary (ha) : 0
Percentage Adjoining
Priv. Prop + Fenced : 0
Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
Recreation Details : Possible bird watching, sightseeing, horse riding.
Research Projects : Yes
Research Details : S.W. Wetlands Monitoring Program - J. Lane M.R.C.
Facilities Available : None
Signposting Adequate : No
Condition of Signs : Old

DISTURBANCE

Historical Disturbances : Borrow pits
Current Disturbances : Utilities
Regeneration of B/Pits : No
Comments : SEC powerline along Esp-Norse Hwy. Telarcow cable along N boundary.

STATUS

Area (ha) : 10517.0000
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Esperance+R'chorpe
 CALM File No : F5M 511/69
 Public Plan: Starvation Boat R'bour/Nangarup 1:50,000

Reserve Number : C02339

Name : Lake Shastier Nature Reserve

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pr
 Trafficable Firebreaks :
 Need Maintenance :
 Age of Vegetation : 18-20 yrs

ABIOITIC

Topographic Code : Undulating low hills
 Special Topo Features : Beach/dune system
 Geological Substrate : Granite and limestone
 Special Geol Features :
 Surface Hydrology : Ephemeral streams, salt lakes
 Comments : Dunes and seasonal swamps.

VEGETATION

Most Abundant Formation
 Dominant Species : Lamberia inermis
 Codominant Species : Eucalyptus tetragona
 Formation Type : Shrubland
 Canopy Cover U/S : 1
 Height U/S : 2.8
 Canopy Cover B/L : 95
 Height B/L : 0.5
 Soil Colour : White
 Soil Texture : s
 Percentage Reserve : 50
 Soil Representation: High
 Second Abundant Formation
 Dominant Species : Banksia speciosa
 Codominant Species : Lamberia inermis
 Formation Type : Shrubland
 Canopy Cover U/S : 80
 Height U/S : 2.8
 Canopy Cover B/L : 75
 Height B/L : 0.5
 Soil Colour : White
 Soil Texture : s
 Percentage Reserve : 20
 Soil Representation: High
 Comments : Coastal foredunes - M. lanceolata, E. platypus, A. cyclops (2-4m, 25%) over dense heath (1.5-2.0m, 98%). Species rich flora at Munglump Estuary.

FLORA

Level of Knowledge : Species lists
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Third of res. burnt Nov. 81 (W end). See DCE Draft Coastal Maaap. Plan- Munglump Inlet Area. Beekeeping is excluded. Duval Mining (Aust.) Ltd hold Exp. Lic. 74/48. Fishing tracks caused dune erosion. Include uncleared land N of Springvale Rd.?

Number Aboriginal Sites :
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Moderate
 Perimeter Length (km) : 105
 Perimeter Abutting :
 Uncleared Land (km) : 34.0
 Uncleared Land Within 1 km of Boundary (ha) : 0
 Percentage Adjoining :
 Priv. Prop + Fenced : 30
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : Yes
 Recreation Details : Fishing, boating etc. Sig. tourist potential.
 Research Projects : Yes
 Research Details : S.W. Wetlands Monitoring Program - J. Lane M.R.C.
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Old

DISTURBANCE

Historical Disturbances : Borrow pits
 Current Disturbances : Tracks, borrow pits, rubbish dumps, other
 Regeneration of B/Pits : Yes
 Comments : Signposted rubbish tip, several borrow pits, dune erosion and more.

Reserve Number : A32419

Name :

Lake Gore NR

STATUS

Area (ha): 792.4298 Lat/Long : 33 46S, 121 31E
Purpose : Water + Cons. of Flora and Fauna File Officer : A. Williams
Vesting : NPWCA File Date : 15/04/86
Shire : Esperance Field Officer: A. Williams
CALM File No : F&W 364/76 Field Date : 09/05/86
Public Plan: 1" : 1 mile, 425/88

ABIOTIC

Topographic Code : Level plain
Special Topo Features :
Geological Substrate : Granite gneiss
Special Geol Features :
Surface Hydrology : Epheareal streams, salt lakes
Comments :

VEGETATION

Dominant Species : Most Abundant Formation
Codominant Species : Second Abundant Formation
Formation Type : Woodland
Canopy Cover U/S : 60
Height U/S : 4.0
Canopy Cover S/L : 10
Height S/L : 0.5
Soil Colour : White
Soil Texture : s
Percentage Reserve : 3
Soil Representation: High
Comments : Almost entire reserve is occupied by Lake Gore.

FLORA

Level of Knowledge : Anecdotal records
Floristic Richness : Low
Sazetted Rare Species : None recorded.
Weed Species : Some Veldt grass noted along track on N boundary.
Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Species lists
Sazetted Rare Species : None recorded.
Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 28-38 yrs. Reserve qualifies as a "Wetland of International Importance." - supports 12 of the population of Hooded Plover. Application for Expl.Lic. 63/92 by Geo Exploration & Minerals Ltd. refused by Minister (Feb.85). B
eetkeeping allowed.

DIEBACK / FIRE

Dieback Presence : Uninterpretable
Position in Landscape : Low
Other Diseases :
Fire Barriers : No f'breaks
Trafficable Firebreaks:
Need Maintenance :
Age of Vegetation : 28+ yrs

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

ACCESS

Access To Boundary : Limited
Access Within Reserve : Nil
Perimeter Length (km) : 11.0
Perimeter Abutting
Uncleared Land (km) : 8.0
Uncleared Land Within
1 km of Boundary (ha): 0
Percentage Adjoining
Priv.Prop + Fenced : 25
Fence Stockproof : Yes

USAGE

Significant Recreation Site : Yes
Recreation Details : Duck shooting + some camping just N of lake.
Research Projects : Yes
Research Details : S.W. Wetlands Monitoring Program - J.Lane W.R.C.

Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
Current Disturbances :
Regeneration of B/Pits :
Comments : No signs of any disturbance.

STATUS

Area (ha): 9493.8828 Lat/Long : 33 50S, 121 18E
 Purpose : National Park File Officer : B. Muir + K. Tideman
 Vesting : NPMA File Date : 10/10/86
 Shire : Esperance Field Officer:
 CALM File No : NP 61 Field Date : / /
 Public Plan: Stokes Inlet 1:100,000 3138

ABIOITIC

Topographic Code : Rolling low hills
 Special Topo Features : Beaches/rocky headland
 Geological Substrate : Limestone, sands
 Special Geol Features : Fossil deposits
 Surface Hydrology : Rivers
 Comments : Special topo = Rocky headlands

VEGETATION

Dominant Species	Host Abundant Formation	Second Abundant Formation
Dominant Species : Banksia speciosa	Mixed spp.	
Codominant Species : Lamberia inermis		
Formation Type : Woodland	Heath	
Canopy Cover U/S : 88	38	
Height U/S : 4.8	1.5	
Canopy Cover S/L : 5	5	
Height S/L : 1.8	8.5	
Soil Colour : White	White	
Soil Texture : 5	5	
Percentage Reserve : 48	28	
Soil Representation: High		

Comments : Coastal heath on primary consolidated dunes and B. speciosa M/Si behind dunes. Mallee, Euc. M. and M. cuticularis M. cover the remainder.

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Low
 Gazetted Rare Species : No data.
 Weed Species : Asparaquas asparaquides, Buckthorn Grass
 Percentage of Reserve : 2.88

FAUNA

Level of Knowledge : Species lists
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of venge 1 yr (152), 2 yrs (153) - rest) 28 yrs. Area has gained exceptions from Bushfires Act because of fragile dunes. Extensions to the E and W desirable to protect coastline. Outline Working Plan (1978) exists. Professional-fishing camps in Park.

Reserve Number : A32590

Name : STOKES NATIONAL PARK

DIEBACK / FIRE

Dieback Presence : Suspected
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : CP, CB, PI, OR, PN
 Trafficable Firebreaks: Yes
 Weed Maintenance : Yes
 Age of Vegetation : 28+ yrs

HISTORIC

Number Aboriginal Sites : 3
 Estimated Site Value : High
 European Sites Recorded : Ruins
 Estimated Site Value : High
 Details

: Aborig - one significant mythological site + an artefact quarry. Europ - Moir homestead ruins, remains of well, old cart and other equipment. Grave of John n Moir. Homestead + grave in National Trust.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Moderate
 Perimeter Length (km) : 48.8
 Perimeter Abutting
 Uncleared Land (km) : 9.8
 Uncleared Land Within
 1 km of Boundary (ha) : 1388
 Percentage Adjoining
 Priv. Prop + Fenced : 88
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : Yes
 Recreation Details : Fishing, surfing, beach activities.
 Research Projects : No
 Research Details :

Facilities Available : Long-drop toilets, barbecues, picnic sites, camping areas
 Signposting Adequate : Yes
 Condition of Signs : New

DISTURBANCE

Historical Disturbances : Part cleared, timber cutting, grazing
 Current Disturbances : Tracks, borrow pits, rubbish dumps, utilities
 Regeneration of B/Pits : No
 Comments : M = Mining tenement active in Park.

Age of venge 1 yr (152), 2 yrs (153) - rest) 28 yrs. Area has gained exceptions from Bushfires Act because of fragile dunes. Extensions to the E and W desirable to protect coastline. Outline Working Plan (1978) exists. Professional-fishing camps in Park.

STATUS

Area (ha) : 4732.1000
 Purpose : Conservation of Flora and Fauna
 Vesting : NPNC
 Shire : Esperance
 CALM File No : FM 110/79
 Public Plan: 1' : 1 mile, 40/80

Lat/Long : 33 28S, 122 17E
 File Officer : J.Bartle
 File Date : 23/06/86
 Field Officer: B.Muir + M.Cavana
 Field Date : 30/10/86

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : ps, pb, pr, pn
 Trafficable Firebreaks: Yes
 Need Maintenance : No
 Age of Vegetation : 10-20 yrs

ABIOTIC

Topographic Code : Undulating plain
 Special Topo Features :
 Geological Substrate : Calcrete
 Special Geol Features :
 Surface Hydrology : Salt lakes
 Comments : Abundant in salt lakes.

VEGETATION

Dominant Species : Most Abundant Formation
 Codominant Species : Eucalyptus spp.
 Formation Type : Second Abundant Formation
 Height U/S : Melaleuca thyroides

Canopy Cover U/S : 50
 Height U/S : 5.0
 Canopy Cover S/L : 60
 Height S/L : 1.5
 Soil Colour : White
 Soil Texture : sc
 Percentage Reserve : 70
 Soil Representation: High

Comments : 20% of reserve is open salt pan, either bare or with Halosarcia.

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : Minor incursions from adj. farmland.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege > 10 yrs. Uncleared land to the north available for inclusion. Coal mining leases in SW corner. Reserve included in M.A.Burman's Report No. 5 (1985).

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 27.8
 Perimeter Abutting
 Uncleared Land (km) : 14.8
 Uncleared Land Within
 1 km of Boundary (ha) : 1400
 Percentage Adjoining
 Priv.Prop + Fenced : 50
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : No signs of any disturbance.

STATUS

Area (ha): 8558.7788 Lat/Long : 33 30S, 122 22E
 Purpose : Conservation of Flora and Fauna File Officer : J. Bartle
 Vesting : NPWCA File Date : 23/06/86
 Shire : Esperance Field Officer: M. Cavana + B. Muir
 CALM File No: F&M 118/79 Field Date : 30/10/86
 Public Plant 1 : 1 a/c, 401.424/88

Reserve Number : C32777 Name :

ABIOITIC

Topographic Code : Slightly undulating plain
 Special Topo Features :
 Geological Substrate : Calcrete
 Special Geol Features :
 Surface Hydrology : Salt lakes
 Comments :

VEGETATION

Most Abundant Formation	Second Abundant Formation
Dominant Species : Eucalyptus spp	Eucalyptus spp
Codominant Species :	
Formation Type : Mallee	Woodland
Canopy Cover U/S : 50	50
Height U/S : 6.8	8.8
Canopy Cover 6/L : 20	18
Height 6/L : 1.5	1.5
Soil Colour : Pinkgrey	Pinkgrey
Soil Texture : SC	SC
Percentage Reserve : 80	22
Soil Representation: High	
Comments : Many small salt lakes and associated vegetation i.e. melaleuca swamps	

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded
 Weed Species : Minor incursions from adjacent farmland (Burquann 1985)
 Percentage of Reserve : 8.82

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vage < 5 yrs (18%), rest > 10 yrs. Reserve included in M.A. Burquann's Report No. 5 (1985). Application for coal mining leases NE and W portions (folio 68-70).

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pp, pf, pn
 Trafficable Firebreaks: Yes
 Weed Maintenance : Yes
 Age of Vegetation : 18-28 yrs

HISTORIC

Number Aboriginal Sites :
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : High
 Access Within Reserve : Nil
 Perimeter Length (km) : 40.6
 Perimeter Abutting
 Uncleared Land (km) : 15.8
 Uncleared Land Within
 1 km of Boundary (ha): 1508
 Percentage Adjoining
 Priv. Prop + Fenced : 68
 Fence Stockproof : No

USABE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : Yes
 Research Details : S.W. Wetlands Monitoring Program - J. Lane M.R.C.

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Borrow pits
 Current Disturbances :
 Regeneration of B/Pits : Yes
 Comments : Folio 68/70- coal mining lease application NE + W portions.

STATUS

Area (ha) : 1845.7780
 Purpose : Conservation of Flora and Fauna
 Vesting : NPNC
 Shire : Esperance
 CALM File No : F&W 118/79
 Public Plan: 1" : 1 mile, 424/80

Lat/Long : 33 32S, 122 27E
 File Officer : J. Bartle
 File Date : 23/06/86
 Field Officer: B. Muir + M. Cavana
 Field Date : 30/10/86

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : np, nr, ng
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 8-5 yrs

ABIOTIC

Topographic Code : Gently undulating plain
 Special Topo Features :
 Geological Substrate : Calcrete
 Special Soil Features :
 Surface Hydrology : Salt lakes
 Comments :

VEGETATION

Dominant Species : Most Abundant Formation
 Subdominant Species : Eucalyptus spp.
 Formation Type : Shrubland

Canopy Cover U/S : 20
 Height U/S : 1.5
 Canopy Cover S/L : 70
 Height S/L : 8.5
 Soil Colour : White
 Soil Texture : sc
 Percentage Reserve : 90
 Soil Representation: High
 Comments : Small areas of salt lake.

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Moderate
 Battered Rare Species : None recorded.
 Weed Species : B. tournfortii, Lolium rigidum, Bromus rubens, Arcrotheca calendula
 Percentage of Reserve : 0.18

FAUNA

Level of Knowledge : No data
 Battered Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of reserve ca. 3 yrs. Reserve included in R.A. Burgan's Report No. 5 (1985).

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 17.1
 Perimeter Abutting :
 Uncleared Land (km) : 8.5
 Uncleared Land Within :
 1 km of Boundary (ha) : 50
 Percentage Adjoining :
 Priv. Prop + Fenced : 95
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : No signs of any disturbance.

STATUS

Area (ha): 1495.8788
 Purpose : Conservation of Flora and Fauna
 Vesting : NRMCA
 Shire : Esperance
 CALM File No : FM 118/79
 Public Plan: 1 : 1 mile, 421,424/88

Reserve Number : C32788

Name :

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : pp,pr,pn
 Trafficable Firebreaks: Yes
 Weed Maintenance : Yes
 Age of Vegetation : 18-20 yrs

ABIGITIC

Topographic Code : Gently undulating rises
 Special Topo Features :
 Geological Substrate : Calcrete
 Special Geol Features :
 Surface Hydrology : Salt lakes
 Comments :

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus spp.
 Codominant Species :
 Formation Type : Mallee
 Canopy Cover U/S : 50
 Height U/S : 6.8
 Canopy Cover G/L : 58
 Height G/L : 1.0
 Soil Colour : Pinkbrown
 Soil Texture : sc
 Percentage Reserve : 98
 Soil Representation: High
 Comments :

Second Abundant Formation
 Melaleuca cuticularis
 Melaleuca thyoides
 Shrubland
 68
 2.8
 8
 8.8
 Pinkgrey
 sc
 18

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : Minor incursions from adj. farmland.
 Percentage of Reserve : 8.88

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege mostly > 18 yrs. Reserve included in M.A.Bureau's Report No. 5 (1985). Applications for coal mining leases (folio 66).

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 14.9
 Perimeter Abutting
 Uncleared Land (km) : 2.4
 1 km of Boundary Within
 Percentage Adjoining : 248
 Privy, Prop + Fenced : 75
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : Borrow pit on road reserve may extend into reserve (8.5 ha).

STATUS

Area (ha): 689.7520 Lat/Long : 33 24S, 122 27E
 Purpose : Water + Cons. of Flora and Fauna File Officer : J. Bartle
 Vesting : WPCA File Date : 23/06/86
 Shire : Esperance Field Officer: B. Muir + M. Cavana
 CALM File No : F&W 519/88 Field Date : 30/11/86
 Public Plan: 1 : 1 mile, 401/88

ABIOTIC

Topographic Code : Gently undulating plain
 Special Topo Features : Monadnocks
 Geological Substrate : Gneiss, laterite
 Special Soil Features :
 Surface Hydrology :
 Comments : Topo code = BP except Mt. Ney

VEGETATION

Dominant Species : Most Abundant Formation
 Codominant Species : Second Abundant Formation
 Formation Type : Mixed spp.
 Canopy Cover W/S : Lithic
 Height W/S : 0
 Canopy Cover S/L : 0.0
 Height S/L : 0.0
 Soil Colour : Yellowbrown
 Soil texture : fsl
 Percentage Reserve : 50
 Soil Representation: High
 Comments :

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : Limited occurrences on SE boundary.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of veta ca.10 yrs. Uncleared land to the north could be added to reserve. Reserve included in M.A. Burgean's Report No. 5 (1985).

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : High
 Other Diseases :
 Fire Barriers : 90.pi.pn
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 5-10 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Limited
 Access Within Reserve : Nil
 Perimeter Length (km) : 10.3
 Perimeter Abutting
 Uncleared Land (km) : 7.0
 Uncleared Land Within
 1 km of Boundary (ha): 700
 Percentage Adjoining
 Priv.Prop + Fenced : 25
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : Occasionally used for camping.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : No signs of any disturbance.

STATUS

Area (ha) : 7892.1380 Lat/Long : 33 25S, 122 48E
 Purpose : Conservation of Flora and Fauna File Officer : J. Bartle
 Vesting : NPWSA File Date : 23/06/86
 Shire : Esperance Field Officer: B. Muir + M. Cavana
 CALM File No : FSW 713/73 Field Date : 29/10/86
 Public Plans: 1" : 1 mile, 481/82

ABIGOTIC

Topographic Code : Gently undulating plain
 Special Topo Features : Monadnocks
 Geological Substrate : Calcrete
 Special Geol Features :
 Surface Hydrology : Ephemeral streams, salt lakes
 Comments :

VEGETATION

	Most Abundant Formation	Second Abundant Formation
Dominant Species :	Eucalyptus spp.	Eucalyptus spp.
Codominant Species :		
Formation Type :	Naillie	Woodland
Canopy Cover W/S :	60	50
Height W/S :	3.0	8.0
Canopy Cover S/L :	20	80
Height S/L :	1.0	2.0
Soil Colour :	Pinkbrown	Pinkbrown
Soil Texture :	sc	lc
Percentage Reserve :	50	40
Soil Representation:	High	
Comments :	Retaining 10% of reserve is salt pans and one small granite outcrop.	

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : Minor incursions adj. to farmland.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : Yes

GENERAL COMMENTS

50% reserve < 5 yrs old - rest > 10 yrs. Recommend inclusion of Mt. Beaumont and uncleared land to NW. See E.M. Bennett "Nature Conservation Values of Crown Land Under Consideration for Release for Agriculture - Mount Beaumont State II", 1983.

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pp, pl, pr, pm
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 10-20 yrs

HISTORIC

Number Aboriginal Sites : 1
 Estimated Site Value : Low
 European Sites Recorded : None
 Estimated Site Value :
 Details : Two aboriginal lizard traps on granite area.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 47.1
 Perimeter Abutting
 Uncleared Land (km) : 12.0
 Uncleared Land Within
 1 km of Boundary (ha) : 1200
 Percentage Adjoining
 Priv. Prop + Fenced : 75
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : No access.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Borrow pits
 Regeneration of B/Pits : No
 Comments : Limestone pits along Heywood Rd.

STATUS

Area (ha): 1788.9400 Lat/Long : 33 35S, 122 48E
Purpose : Conservation of Flora and Fauna File Officer : J.Bartle
Vesting : NPWCA File Date : 23/06/86
Shire : Esperance Field Officer: B.Muir + M.Cavana
CALM File No : F&W 711/73 Field Date : 27/10/86
Public Plan: 1" : 1 mile, 425/88

ABIOTIC

Topographic Code : Sently undulating rises
Special Topo Features : Monadnocks
Geological Substrate : Calcrete,quaiiss, laterite
Special Geol Features :
Surface Hydrology : Salt lakes
Comments :

VEGETATION

	Most Abundant Formation	Second Abundant Formation
Dominant Species :	Eucalyptus spp.	
Codominant Species :		
Formation Type :	Mallee	
Canopy Cover W/S :	50	0
Height W/S :	3.0	8.0
Canopy Cover S/L :	80	0
Height S/L :	1.0	0.0
Soil Colour :	Yellowbrown	
Soil Texture :	ls	
Percentage Reserve :	95	0
Soil Representation:	High	
Comments :		

FLORA

Level of Knowledge : Whole survey
Floristic Richness : High
Sazetted Rare Species : None recorded.
Weed Species : *Arctotheca* sp., *B.tourninfortii*, *Hypochaeris alabra* on boundaries.
Percentage of Reserve : 8.50

FAUNA

Level of Knowledge : Anecdotal records
Sazetted Rare Species : None recorded.
Nest Hollows Abundant : No

GENERAL COMMENTS

1.5 sq.km < 5 yrs old. Rest is > 10 yrs. Reserve included in M.A.Burgess's Report No. 5 (1985).

DIEBACK / FIRE

Dieback Presence : No evidence
Position in Landscape : Middle
Other Diseases :
Fire Barriers : pp, pr
Trafficable Firebreaks: Yes
Need Maintenance : Yes
Age of Vegetation : 18-20 yrs

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Limited
Perimeter Length (km) : 21.6
Perimeter Abutting
Uncleared Land (km) : 1.6
Uncleared Land Within
1 km of Boundary (ha): 160
Percentage Adjoining
Priv.Prop + Fenced : 75
Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
Recreation Details : No access.
Research Projects : No
Research Details :

Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Borrow pits
Current Disturbances : Borrow pits
Regeneration of B/Pits : No
Comments :

STATUS

Area (ha) : 28.2647 Lat/Long : 33 38S, 122 56E
 Purpose : Conservation of Flora and Fauna File Officer : M. Cavana
 Vesting : NPWSA File Date : 24/09/86
 Shire : Esperance Field Officer: B. Muir + M. Cavana
 CALM File No : FSA 556/78 Field Date : 28/10/86
 Public Plant 1" : 1 mile, 425/80

ABIGOTIC

Topographic Code : Level plain
 Special Topo Features :
 Geological Substrate : Laterite
 Special Geol Features :
 Surface Hydrology :
 Comments :

VEGETATION

Most Abundant Formation
 Dominant Species : Mixed spp.
 Second Abundant Formation
 Eucalyptus spp.
 Codominant Species :
 Formation Type : Heath
 Canopy Cover U/S : 70
 Height U/S : 8.5
 Canopy Cover S/L : 8
 Height S/L : 8.8
 Soil Colour : White
 Soil Texture : 5
 Percentage Reserve : 50
 Soil Representation: High
 Comments :

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : *Brassica tournefortii* on firebreak.
 Percentage of Reserve : 8.80

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege > 20 yrs. Pine plantings along firebreak are encroaching into the reserve. Reserve included in M.A. Burqaan's Report No. 5 (1985).

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pp,pr
 Trafficable Firebreaks: Yes
 Weed Maintenance : Yes
 Age of Vegetation : 20+ yrs

HISTORIC

Number Aboriginal Sites : 8
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 2.8
 Perimeter Abutting
 Uncleared Land (ha) : 8.8
 Uncleared Land Within
 1 km of Boundary (ha): 8
 Percentage Adjoining
 Priv. Prop + Fenced : 70
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Other
 Regeneration of S/Pits :
 Comments : Pine planting on firebreak encroaches into reserve.

STATUS

Area (ha) : 8859.5580 Lat/Long : 32 55S, 121 50E
 Purpose : Conservation of Flora and Fauna File Officer : J.Bartle
 Vesting : NPWCA File Date : 23/06/86
 Shire : Dundas Field Officer: B.Muir + M.Cavana
 CALM File No : F&W 953/72 Field Date : 01/11/86
 Public Plan: 1' : 1 mile, 302/88

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : 90.pr, pn
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 20+ yrs

ABIOTIC

Topographic Code : Undulating rises
 Special Topo Features :
 Geological Substrate : Calcrete
 Special Geol Features :
 Surface Hydrology : Ephemeral streams, salt lakes
 Comments :

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Most Abundant Formation : Second Abundant Formation
 Dominant Species : Mixed spp. Eucalyptus spp.

Codominant Species : Other
 Formation Type : Woodland
 Canopy Cover U/S : 0 20
 Height U/S : 0.0 16.0
 Canopy Cover S/L : 0 70
 Height S/L : 0.0 1.0
 Soil Colour : Pinkred
 Soil Texture : sc
 Percentage Reserve : 50 40
 Soil Representation: High

Comments : Most abundant formation is salt complex with Halosarcia heaths, Melaleuca shrublands or Acacia shrublands. Other 10% is mallee.

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species : Along roads and fences and in disturbed areas.
 Percentage of Reserve : 2.00

USAGE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : Yes
 Research Details : S.W. Wetlands Monitoring Program - J.Lane W.R.C.

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : Yes

DISTURBANCE

Historical Disturbances : Timber cutting
 Current Disturbances : Borrow pits
 Regeneration of B/Pits : No
 Comments :

GENERAL COMMENTS

Age of vege mostly > 20 yrs (very old). About 10% ca.5 yrs old. Mining/exploration tenement noted on E side. Recommend inclusion of uncleared land to the S if available. Also recommend a biological survey - say be an important area for fauna.

STATUS

Area (ha): 283.4868
Purpose : Conservation of Flora and Fauna
Vesting : NPWCA
Shire : Dundas
CALM File No : FWA 748/75
Public Plan: 1 : 1 mile, 392/88

Reserve Number : C33581

Name :

Lat/Long : 32 S85, 121 48E
File Officer : J. Bartle
File Date : 23/06/86
Field Officer: B. Muir + M. Cavana
Field Date : 01/11/86

AB1011C

Topographic Code : Rolling rises
Special Topo Features :
Geological Substrate : Calcrete, laterite
Special Geol Features : Ironstone ridge
Surface Hydrology : Salt lakes
Comments : Ironstone ridge

VEGETATION

Most Abundant Formation		Second Abundant Formation	
Dominant Species :	Mixed spp.		Eucalyptus spp.
Subdominant Species :			
Formation Type :	Other		Malice
Canopy Cover U/S :	2		40
Height U/S :	0.0		5.0
Canopy Cover S/L :	8		70
Height S/L :	0.0		1.0
Soil Colour :			Pinkgrey
Soil Texture :	qle		sc
Percentage Reserve :	78		25
Soil Representation:	High		
Comments :	Most abundant formation is salt complex.		

FLORA

Level of Knowledge : Whole survey
Floristic Richness : Moderate
Gazetted Rare Species: None recorded.
Weed Species : Brassica tournefortii on fence-lines.
Percentage of Reserve : 0.80

FAUNA

Level of Knowledge : Anecdotal records
Gazetted Rare Species: None recorded.
Nest Hollows Abundant : No

GENERAL COMMENTS

Existing firebreaks are all on adj. farmland. Age of veege 18-20 yrs? Reserve included in M.A. Burman's Report No. 5 (1985).

DIEBACK / FIRE

Dieback Presence : No evidence
Position in Landscape : Low
Other Diseases :
Fire Barriers : pn
Trafficable firebreaks: No
Need Maintenance : Yes
Age of Vegetation : 18-20 yrs

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

ACCESS

Access To Boundary : Limited
Access Within Reserve : Nil
Perimeter Length (km) : 4.7
Perimeter Abutting
Uncleared Land (ka) : 1.0
Uncleared Land Within
1 km of Boundary (ha): 100
Percentage Adjoining
Priv. Prop + Fenced : 80
Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
Recreation Details : No access.
Research Projects : No
Research Details :

Facilities Available : None
Signposting Adequate : No
Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
Current Disturbances :
Regeneration of B/Pits :
Comments : No signs of any disturbance.

STATUS

Area (ha): 3825.4180 Lat/Long : 35 01S, 117 80E
 Purpose : Conservation of Flora and Fauna File Officer : A. Williams
 Vesting : WPMCA File Date : 18/03/86
 Shire : Denmark Field Officer: A. Williams
 CALM File No : F&W 260/64 Field Date : 19/04/86
 Public Plan: Ousepouparry Inlet, 1:50,000 2328-3/2327-4

DIEBACK / FIRE

Dieback Presence : Uninterpretable
 Position in Landscape : All
 Other Diseases :
 Fire Barriers : pp.pr
 Trafficable Firebreaks: No
 Need Maintenance : Yes
 Age of Vegetation : 8-5 yrs

AB1071C

HISTORIC

Topographic Code : Undulating hills
 Special Topo Features : Beaches, limestone cliffs
 Geological Substrate : Granite
 Special Bed Features :
 Surface Hydrology : Rivers, permanent streams
 Comments : Topo = Limestone cliffs, seasonal swamp.

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Most Abundant Formation : Second Abundant Formation
 Dominant Species : Mixed spp.
 Codominant Species :
 Formation Type : Heath
 Canopy Cover U/S : 80
 Height U/S : 1.0
 Canopy Cover S/L : 0
 Height S/L : 0.0
 Soil Colour : White
 Soil Texture : S
 Percentage Reserve : 70
 Soil Representation: High
 Comments : Other formations include : *Rhynchospora* sp. thick (3.5m, 80%) over sedges (1m, 80%); mixed Karri, Jarrah & Marri woodland over dense understory to 3m.

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 8.80

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Peripheral f'reaks only on NW section. Age of vega 2 yrs (history of frequent fires). Perimeter length (ACCESS phase) includes coastline. The reserve sign on Boat Harbour Rd. appears to be located outside the reserve. Fence adj. Loc .692 not stockproof.

USAGE

Significant Recreation Site : Yes
 Recreation Details : Access to boat h'bour. Campsites on Boat H'bour Rd.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Old

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Tracks
 Regeneration of B/Pits :
 Comments : Numerous fishing tracks - in places these are eroding badly.

STATUS

Area (ha): 1848.5931
 Purpose : Conservation of Flora
 Vesting : Unvested
 Shire : Esperance
 CALM File No : 594 288/79
 Public Plan: 1 : 1 mile, 483/82

Lat/Long : 33 15S, 121 06E
 File Officer : M.Cavana
 File Date : 02/10/86
 Field Officer: B.Muir + M.Cavana
 Field Date : 24/10/86

Reserve Number : CTS659

Name :

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pb,pl,pr
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 10-28 yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (ha) : 13.3
 Perimeter Abutting
 Uncleared Land (ha) : 18.2
 Uncleared Land Within
 1 ha of Boundary (ha): 1822
 Percentage Adjoining
 Priv.Prop + Fenced : 0
 Fence Stockproof : No

USAGE

Significant Recreation Site : No
 Recreation Details : Too isolated.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Borrow pits
 Current Disturbances : Tracks
 Regeneration of B/Pits : No
 Comments : Regeneration in gravel pits is very slow - needs rehabilitating.

VEGETATION

Topographic Code : Undulating low hills
 Special Topo Features :
 Geological Substrate : Calcrete
 Special Geol Features :
 Surface Hydrology :
 Comments :

Most Abundant Formation
 Second Abundant Formation

Dominant Species : Eucalyptus spp.
 Codominant Species :
 Formation Type : Mallee
 Canopy Cover U/S : 70
 Height U/S : 4.8
 Canopy Cover B/L : 55
 Height B/L : 1.5
 Soil Colour : Redbrown
 Soil Texture : sl
 Percentage Reserve : 70
 Soil Representation: High
 Comments :

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Low
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.88

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of veg: 10-28 yrs? Abundant uncleared land adj. to reserve, mostly unsuitable for agriculture. File note - Shire to excise ca.58 ha for gravel purposes, remainder to be vested in NPWCA. Reserve included in M.A.Burgman's Report No . 5 (1985).

STATUS

Area (ha): 39959.8882
 Purpose : Water + National Park
 Vesting : NPMA
 Shire : Dundas
 CALM File No : NPA 79
 Public Plan: Peak Charles, 1:100,000 3122

Lat/Long : 32 55S, 121 86E
 File Officer : B. Muir + K. Hildeman
 File Date : 10/10/86
 Field Officer:
 Field Date : / /

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers : ci, pp, pr, pn
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 10-20 yrs

ABIGIOTIC

Topographic Code : Steep hills
 Special Topo Features : Caves; sandboulders
 Geological Substrate : Gneiss
 Special Soil Features : Fossil deposits
 Surface Hydrology : Ephemeral streams, salt lakes, claypans
 Comments : Overhang caves near top of Peak

HISTORIC

Number Aboriginal Sites : 5
 Estimated Site Value : Medium
 European Sites Recorded : Ruins
 Estimated Site Value : Low
 Details : Aborig.- mainly artefact scatters. Europ.- ruins in poor condition, have been unable to trace history, no artefact material of consequence.

VEGETATION

Most Abundant Formation
 Dominant Species : Eucalyptus spp.
 Subdominant Species :
 Formation Type : Mallee
 Canopy Cover W/S : 20
 Height 0/5 : 4.0
 Canopy Cover E/L : 5
 Height E/L : 1.0
 Soil Colour : Redbrown
 Soil Texture : ls
 Percentare Reserve : 70
 Soil Representation: High
 Comments : Also areas of sandplain mallee (E. tetraonota) over heath and lithic complex on rock outcrops. Patches of Salomon Gum WL and linear WL of E. tendinensis

ACCESS

Access to Boundary : Moderate
 Access Within Reserve : High
 Perimeter Length (km) : 88.0
 Perimeter Abutting
 Uncleared Land (ha) : 88.0
 Uncleared Land Within
 1 km of Boundary (ha): 888
 Percentage Adjoining
 Priv. Prop + Fenced : 0
 Fence Stockproof :

FLORA

Level of Knowledge : Whole survey
 Floristic Richness : Moderate
 Scented Rare Species : Drummondia hasselii var longifolia, Tricoryne sp., Calothamnus sp.
 Weed Species : None of consequence.
 Percentare of Reserve : 0.00

USAGE

Significant Recreation Site : Yes
 Recreation Details : Fairly intensively used campsite N side of PC. Track to the peak.
 Research Projects : Yes
 Research Details : M.A. Museum biological survey. K. Newbey botanical study. Dixon + Pate (1981), F & M unpubl. report No. 6.
 Facilities Available : Long-drop toilets
 Signposting Adequate : Yes
 Condition of Signs : New

FAUNA

Level of Knowledge : Whole survey
 Scented Rare Species : None recorded
 Nest Hollows Abundant : Yes

DISTURBANCE

Historical Disturbances : Timber cutting
 Current Disturbances : Timber cutting, borrow pits; Mining tenement
 Regeneration of B/Pits : No
 Comments : M = mining tenement active.

GENERAL COMMENTS

Age of vege < 10 yrs (382) and > 10 yrs (702). Illegal mining exploration and borrow pits. 2ha potential for enlargement. M.A. Museum Biol. Survey publication in press. Other facilities - signs and guided walk path to peak.

STATUS

Reserve Number : C16028

Name : Mount Many Peaks Nature Reserve

Area (ha) : 1328.8938 Lat/Long : 34 S45, 119 15E
 Purpose : Conservation of Flora and Fauna File Officer : A. Williams
 Vesting : NPWCA File Date : 13/03/86
 Shire : Albany Field Officer: S. Folley + A. Williams
 CALM File No : FLM 479/77 Field Date : 28/03/86
 Public Plant: Mt. M. peaks/1. Peoples Bay, 1:52,000 2528-2/3

ABIOITIC

Topographic Code : Steep mountains
 Special Top Features : Monadnock mountains
 Geological Substrate : Granite
 Special Geol. Features :
 Surface Hydrology : Ephemeral streams
 Comments :

VEGETATION

Most Abundant Formation Second Abundant Formation
 Dominant Species : Eucalyptus dorracoryon Hakea cucullata
 Codominant Species : Eucalyptus spp.
 Formation Type : Shrubland
 Canopy Cover U/S : 38 48
 Height U/S : 2.8 2.8
 Canopy Cover S/L : 88 88
 Height S/L : 8.5 1.5
 Soil Colour : Brown Brown
 Soil Texture : 1 1
 Percentage Reserve : 48 38
 Soil Representation: Moderate
 Comments : Numerous deep gullies with very dense veld. Low Forest & Eucalyptus, E. cornuta, E. megacarpa over thicket. Some dominated by Melaleuca baxteri.

FLORA

Level of Knowledge : Species lists
 Floristic Richness : High
 Gazetted Rare Species : Pseudotsia grandis, Daviesia ovata (proposed for decl. as rare).
 Weed Species : Patch of Babbas near old hut site.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Species lists
 Gazetted Rare Species : Noisy Scrub Bird, Bristle Bird, Western Whinbird, Carpet Snake, Red-eared Firetail.
 Nest Hollows Abundant : No

GENERAL COMMENTS

F breaks non-existent. Banksia verticillata - 4000, restricted. Ground Parrot might occur. Include Myrmecopus Catchment Area + VCL at Cheynes Beach. Proposal to adjoin resv's 27517, 25865, 27502, 31088, plus of 27553 + VCL - See EPA recommendation 2.14.

DISEASE / FIRE

Disease Presence : Suspected
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : No firebreaks
 Trafficable Firebreaks:
 Weed Maintenance :
 Age of Vegetation : 5-10 yrs

HISTORIC

Number Aboriginal Sites : 3
 Estimated Site Value :
 European Sites Recorded : Ruins
 Estimated Site Value : Low
 Details : Old hut (now demolished) SE corner.

ACCESS

Access To Boundary : N1
 Access Within Reserve : N1
 Perimeter Length (km) : 15.5
 Perimeter Abutting
 Uncleared Land (ha) : 18.0
 Uncleared Land Within
 1 km of Boundary (ha) : 2
 Percentage Adjoining
 Priv. Prop + Fenced : 0
 Fence Stockproof :

USAGE

Significant Recreation Site : Yes
 Recreation Details : Well used by bush walkers.
 Research Projects : Yes
 Research Details : Release site for population of Noisy Scrub Bird.

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments :

STATUS

Area (ha) : 357.5320
Purpose : Conservation of Flora and Fauna
Vesting : NPWA
Shire : Esperance
CALM File No : FM 623/79
Public Plan: Coastalbiquip, 1:50,000 3150-1

Lat/Long : 33 31S, 121 27E
File Officer : R. Williams
File Date : 15/04/86
Field Officer: R. Williams
Field Date : 04/05/86

DIEBACK / FIRE

Dieback Presence : Suspected
Position in Landscape : Middle
Other Diseases :
Fire Barriers : pr
Trafficable Firebreaks: No
Need Maintenance : Yes
Age of Vegetation : 5-18 yrs

ABIOTIC

Topographic Code : Gently undulating rises
Special Top Features :
Geological Substrate : Granite
Special Soil Features :
Surface Hydrology : Ephem. streams, drain channel, clay depres
Comments : Clay depressions, drain channel

HISTORIC

Number Aboriginal Sites : 2
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

VEGETATION

Dominant Species : Eucalyptus redunca
Codominant Species : Eucalyptus schyphoca
Formation Type : Mallee
Canopy Cover U/S : 50
Height U/S : 3.0
Canopy Cover S/L : 90
Height S/L : 8.5
Soil Colour : Greybrown
Soil Texture : cs
Percentage Reserve : 80
Soil Representation: High
Comments : Other formations included a mixed E. tetrasoma/Euc. spp. upperstorey over a mixed shrub understory and a dense E. platypus formation to 5m.

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Nil
Perimeter Length (km) : 7.5
Perimeter Abutting :
Uncleared Land (km) : 0.0
Uncleared Land Within :
1 km of Boundary (ha) : 0
Percentage Adjoining :
Priv. Prop + Fenced : 100
Fence Stockproof : Yes

FLORA

Level of Knowledge : Whole survey
Floristic Richness : High
Gazetted Rare Species : None recorded.
Need Species :
Percentage of Reserve : 0.00

USAGE

Significant Recreation Site : No
Recreation Details : No evidence.
Research Projects : No
Research Details :

Facilities Available : None
Signposting Adequate : No
Condition of Signs : Old

FAUNA

Level of Knowledge : Anecdotal records
Gazetted Rare Species : None recorded.
Nest Hollows Abundant : No

DISTURBANCE

Historical Disturbances :
Current Disturbances : Burrow pits
Regeneration of B/Pits : Yes
Comments : Shire has rehabilitated 75% of gravel pit area. Rest still in use.

GENERAL COMMENTS

Age of vene 5-18 yrs. West end of reserve contains a system of channels that drain saline water into a system outside the reserve. Shire has rehabilitated 75% of the gravel pit area. Reserve included in M.A. Bureau's Report No. 5 119 85).

STATUS

Area (ha): 3341.6688 Lat/Long : 31 40S, 128 59E
 Purpose : National Park + Pres. of Hist. Sites File Officer: B. Muir + K. Tideman
 Vesting : NPWSA File Date : 13/10/86
 Shire : Dundas Field Officer:
 CALM File No : NP 172 Field Date : / /
 Public Plan: Eucla, 1:100,000 4634

Reserve Number : A56285

Name : EUCLA NATIONAL PARK

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Low
 Other Diseases :
 Fire Barriers :
 Trafficable Firebreaks :
 Weed Maintenance :
 Age of Vegetation : 28+ yrs

HISTORIC

Number Aboriginal Sites : 1
 Estimated Site Value : Low
 European Sites Recorded : Ruins
 Estimated Site Value : Low
 Details : Old Eucla townsite - virtually nothing left - minimal value. NB - Telegraph station etc. are outside the Park.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 14.8
 Perimeter Abutting
 Uncleared Land (ha) : 14.8
 Uncleared Land Within
 1 km of Boundary (ha) : 1488
 Percentage Adjoining
 Priv. Prop + Fenced : 8
 Fence Stockproof :

Comments : Much of the S section is mobile white sand dunes with little vegetation or patches of coastal heath. Depressions sometimes with Chenopods + pink soil.

USAGE

Significant Recreation Site : Yes
 Recreation Details : Wilson Bluff (WA/SA border), old townsite and Delisser sandhills.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : New

DISTURBANCE

Historical Disturbances : Cleared, tracks, utilities, grazing
 Current Disturbances : Rubbish dumps, utilities
 Regeneration of B/Pits :
 Comments :

ABIGITIC

Topographic Code : Undulating hills
 Special Topo Features : Beaches/caves
 Geological Substrate : Limestone
 Special Geol Features : Fossil deposits
 Surface Hydrology :
 Comments : Special geol = Delisser sand hills

VEGETATION

Dominant Species	Most Abundant Formation	Second Abundant Formation
Eucahyptus spp.	Mixed spp.	
Codominant Species :	Chenopods	
Formation Type : Mallee	Heath	
Canopy Cover U/S : 50	30	
Height U/S : 5.8	1.1	
Canopy Cover S/L : 18	8	
Height S/L : 0.5	0.8	
Soil Colour : Redbrown	Pinkwhite	
Soil Texture : fsl	5	
Percentage Reserve : 50	48	
Soil Representation: High		

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.88

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : Small Dasyuridae or rodents have been observed. Mallee Fowl recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege > 28 yrs. No knowledge of illegal activities. 1978 - proposed extensions into ex-pastoral leases. S.A.W.P.S. may suggest Koonalda lease be incorporated. Facilities available at Eucla + BP border village. Some NP signs recently stolen.

STATUS

Area (ha): 174.038
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWCA
 Shire : Albany
 CALM File No : FM 667/69
 Public Plan: Two Peoples Bay, 1:50,000

Lat/Long : 34 46S, 118 10E
 File Officer : A. Williams
 File Date : 13/03/86
 Field Officer: A. Williams
 Field Date : 30/03/86

DIEBACK / FIRE

Dieback Presence : Confirmed
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pi
 Trafficable Firebreaks: Yes
 Need Maintenance : No
 Age of Vegetation : 5-10 yrs

ABIGTIC

Topographic Code : Undulating low hills
 Special Topo Features :
 Geological Substrate : Granite?
 Special Geol Features :
 Surface Hydrology : Freshwater lakes
 Comments :

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

VEGETATION

Most Abundant Formation : Banksia attenuata
 Dominant Species : Banksia attenuata
 Codominant Species :
 Formation Type : Woodland
 Canopy Cover U/S : 10
 Height U/S : 6.8
 Canopy Cover S/L : 20
 Height S/L : 1.0
 Soil Colour : Whitetrey
 Soil Texture : s
 Percentage Reserve : 40
 Soil Representation: High
 Comments : Other formations include Jarrah/Marri/Allocasuarina woodland on slopes of North Sister.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 5.5
 Perimeter Abutting :
 Uncleared Land (km) : 2.0
 Uncleared Land Within :
 1 km of Boundary (ha) : 0
 Percentage Adjoining :
 Priv. Prop + Fenced : 55
 Fence Stockproof : Yes

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : High
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.00

USAGE

Significant Recreation Site : Yes
 Recreation Details : Classified shooting & hunting area.
 Research Projects : Yes
 Research Details : Survey of S.W. wetlands - J. Lane M.R.C.
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments : No signs of any disturbance.

GENERAL COMMENTS

Age of vede 10 yrs. No peripheral firebreaks. 24 Western Gray Kangaroos seen in swamp reeds.

STATUS

Area (ha): 88.439 Lat/Long : 32 57S, 121 35E
 Purpose : Conservation of Flora and Fauna File Officer : A. Williams
 Vesting : NPWCA File Date : 15/04/86
 Shire : Dundas Field Officer: A. Williams
 CAM File No : F&W 663/88 Field Date : 06/05/86
 Public Plan: 1 : 1 mile, 392/80

Reserve Number : C36688 Name :

ABIGIIC

Topographic Code : Gently undulating plain
 Special Topo Features :
 Geological Substrate : Granite, quartzite
 Special Geol Features :
 Surface Hydrology :
 Comments :

VEGETATION

	Most Abundant Formation	Second Abundant Formation
Dominant Species :	Eucalyptus spp.	
Codominant Species :		
Formation Type :	Mallee	
Canopy Cover W/S :	48	0
Height W/S :	8.8	0.0
Canopy Cover S/L :	65	0
Height S/L :	2.0	0.2
Soil Colour :	Redbrown	
Soil Texture :	cls	
Percentage Reserve :	95	0
Soil Representation:	High	
Comments :	Under the heath is a sparse shrub layer ca. 0.5m tall, 10%-15% cover.	

FLORA

Level of Knowledge : Anecdotal records
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species : Unabated blown onto reserve from Loc. 679.
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : Anecdotal records
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of veg 28+ yrs. Very few M.R.'s in the area - addition of adj. uncleared land would increase area and value of the reserve. Rest Area, provided by Shire, encroaches onto reserve - scattered rubbish. Track cutting E to W used by r reserve neighbour.

DIEBACK / FIRE

Dieback Presence : Uninterpretable
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pp, pb, pr
 Trafficable firebreaks: Yes
 Weed Maintenance : Yes
 Age of Vegetation : 28+ yrs

HISTORIC

Number Aboriginal Sites : 0
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 5.2
 Perimeter Abutting
 Uncleared Land (km) : 2.6
 Uncleared Land Within
 1 km of Boundary (ha): 268
 Percentage Adjoining
 Priv. Prop + Fenced : 58
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : Evidence of camping. Rest area encroaches on res.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances : Tracks, borrow pits
 Current Disturbances : Utilities
 Regeneration of B/Pits : No
 Comments : B'pits act as dams holding bay run-off. SEC line along N and E bdy.

Reserve Number : 036719

Name : Arpenteur Nature Reserve

STATUS

Area (ha) : 88.9441
Purpose : Conservation of Flora and Fauna
Vesting : NPMCA
Shire : Albany
CALM File No : F2M 276/75
Public Plan: Mount Manypeaks, 1:50,000 252B-II

Lat/Long : 34 53S, 113 24E
File Officer : A. Williams
File Date : 11/03/86
Field Officer: A. Williams
Field Date : 30/03/86

DIEBACK / FIRE

Dieback Presence : Confirmed
Position in Landscape : Middle
Other Diseases :
Fire Barriers : No f'breaks
Trafficable Firebreaks:
Need Maintenance :
Age of Vegetation : 10-20 yrs

ABIGTIC

Topographic Code : Rolling low hills
Special Topo Features :
Geological Substrate : Granite
Special Geol Features :
Surface Hydrology :
Comments :

HISTORIC

Number Aboriginal Sites : 0
Estimated Site Value :
European Sites Recorded : None
Estimated Site Value :
Details :

VEGETATION

Dominant Species : Most Abundant Formation
Endemic Species : Banksia Baxteri
Formation Type : Shrubland
Canopy Cover W/S : 60
Height W/S : 2.0
Canopy Cover S/L : 90
Height S/L : 1.0
Soil Colour : White
Soil Texture : S
Percentage Reserve : 100
Soil Representation: High
Comments : Vegetation generally taller in sheltered areas.

ACCESS

Access To Boundary : Moderate
Access Within Reserve : Limited
Perimeter Length (km) : 3.8
Perimeter Abutting
Uncleared Land (km) : 3.8
Uncleared Land Within
1 km of Boundary (ha): 380
Percentage Adjoining
Priv.Prop + Fenced : 0
Fence Stockproof :

FLORA

Level of Knowledge : Species lists
Floristic Richness : High
Gazetted Rare Species : None recorded.
Weed Species :
Percentage of Reserve : 0.00

USAGE

Significant Recreation Site : Yes
Recreation Details : Access to beach for fishing etc. through reserve.
Research Projects : Yes
Research Details : Attempts by Dr.P.Woolley to establish status of Dibblers on reserve. "Bir

d and Mammal Pollen Vectors in Banksia Communities at Cheyne Beach, W.A." by S.D.Hopper - published in Aust.J.Bot 28(1):61-75.

Facilities Available : None
Signposting Adequate : No
Condition of Signs : Old

DISTURBANCE

Historical Disturbances : Other
Current Disturbances : Tracks
Regeneration of B/Pits :
Comments : Extensive wildflower picking, fishing tracks pre - M.R. status.

GENERAL COMMENTS

Age of veg 18+ yrs. Firebreaks are non-existent. Heavy use of reserve by fishing/holiday visitors. Caravan Park next to nature reserve. Signs of trail bike use.

STATUS

Area (ha): 407.8178 Lat/long : 33 22S, 122 47E
 Purpose : Conservation of Flora and Fauna
 File Officer : J Bartle
 Vesting : NPWS
 File Date : 23/06/86
 Shire : Eschscholtz
 Field Officer: B. Muir + M. Cavana
 CALM File No : FM 641/85
 Public Plan: 1 : 1 mile, 400/88
 Field Date : 28/10/86

Reserve Number : C38334

Name :

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pr
 Trafficable Firebreaks: No
 Need Maintenance : Yes
 Age of Vegetation : 8-5 yrs

HISTORIC

Number Aboriginal Sites :
 Estimated Site Value :
 European Sites Recorded : None
 Estimated Site Value :
 Details :

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 0.2
 Perimeter Abutting
 Uncleared Land (km) : 0.0
 Uncleared Land Within
 1 km of Boundary (ha): 0
 Percentage Adjoining
 Priv. Prop + Fenced : 75
 Fence Stockproof : Yes

VEGETATION

Most Abundant Formation
 Second Abundant Formation

Dominant Species : Eucalyptus spp.
 Codominant Species :
 Formation Type : Halloo
 Canopy Cover U/S : 70
 Height U/S : 2.0
 Canopy Cover S/L : 10
 Height S/L : 0.5
 Soil Colour : Pinkgrey
 Soil Texture : fsl
 Percentage Reserve : 99
 Soil Representation: High

Comments : Euc.grossa common. Banksia sp. (tree) noted - too burnt to identify. - specimen of regrowth taken for ident.

FLORA

Level of Knowledge : No data
 Floristic Richness : Moderate
 Gazetted Rare Species : None recorded.
 Weed Species :
 Percentage of Reserve : 0.00

FAUNA

Level of Knowledge : No data
 Gazetted Rare Species : None recorded.
 Nest Hollows Abundant : No

GENERAL COMMENTS

Age of veg: 3-5 yrs.

USAGE

Significant Recreation Site : No
 Recreation Details : Too isolated.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Utilities
 Regeneration of B/Pfts :
 Comments : See line along roadside.

STATUS

Area (ha): 839.8240 Lat/Long : 33 27S, 123 00E
 Purpose : Conservation of Flora and Fauna File Officer : A. Williams
 Vesting : NPNC File Date : 29/04/86
 Shire : Esperance Fire Barriers : pp, pr, pn
 CALM File No : FM 223/84 Field Officer: B. Muir + M. Cavana
 Public Plan: 1' : 1 mile, 482/88 Field Date : 28/10/86

ABIOITIC

Topographic Code : Slightly undulating rises
 Special Topo Features : Monadnocks
 Geological Substrate : Calcrete
 Special Geol Features :
 Surface Hydrology : Salt lakes, ephemeral rock pools
 Comments : Ephemeral rock pool.

VEGETATION

Most Abundant Formation Second Abundant Formation

Dominant Species : Eucalyptus spp.

Formation Type : Mallee

Canopy Cover W/S : 30

Height W/S : 2.0

Canopy Cover E/L : 70

Height E/L : 0.5

Soil Colour : Pinkbrown

Soil Texture : sci

Percentage Reserve : 99

Soil Representation: High

Comments : Small area of granite outcrop complex and small wetland - total 1% of reserve.

FLORA

Level of Knowledge : Species lists

Floristic Richness : High

Gazetted Rare Species : None recorded.

Weed Species : Pasture grasses adj. to farmland.

Percentage of Reserve : 2.00

FAUNA

Level of Knowledge : Anecdotal records

Gazetted Rare Species : None recorded.

Nest Hollows Abundant : No

GENERAL COMMENTS

Age of vege 4-8 yrs (M.D. records 1-5 yrs in 1983). Illegal household rubbish dumping may be connected with landholder named HULM. Recommend M.D. to check district landholders.

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : High
 Other Diseases :
 Fire Barriers : pp, pr, pn
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 5-10 yrs

HISTORIC

Number Aboriginal Sites : 1
 Estimated Site Value : Low
 European Sites Recorded : None
 Estimated Site Value :
 Details : Suspected stone arrangements on Miblick Hill - see M.A.M. data sheet.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Nil
 Perimeter Length (km) : 11.7
 Perimeter Abutting
 Uncleared Land (km) : 0.0
 Uncleared Land Within
 1 km of Boundary (ha): 0
 Percentage Adjoining
 Priv. Prop + Fenced : 25
 Fence Stockproof : No

USAGE

Significant Recreation Site : No
 Recreation Details :
 Research Projects : No
 Research Details :
 Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances : Borrow pits, rubbish dumps
 Regeneration of B/Pits : No
 Comments : Small area of household rubbish on monadnock.

STATUS

Area (ha): 1673.5882
 Purpose : Conservation of Flora and Fauna
 Vesting : NPWA
 Shire : Esperance
 CALM File No : FM 289/83
 Public Plan : 1 mile, 488/88

Lat/Long : 33 28S, 123 02E
 File Officer : A. Williams
 File Date : 30/04/86
 Field Officer: B. Muir + M. Cavanah
 Field Date : 28/10/86

Reserve Number : C38545

Name :

DIEBACK / FIRE

Dieback Presence : No evidence
 Position in Landscape : Middle
 Other Diseases :
 Fire Barriers : pp, pb, pr, pm
 Trafficable Firebreaks: Yes
 Need Maintenance : Yes
 Age of Vegetation : 5-18 yrs

HISTORIC

Number Aboriginal Sites : 1
 Estimated Site Value : Medium
 European Sites Recorded : None
 Estimated Site Value :
 Details : Stone arrangements on Clyde Hill - see M.A.H. data sheet.

ACCESS

Access To Boundary : Moderate
 Access Within Reserve : Limited
 Perimeter Length (km) : 17.8
 Perimeter Abutting
 Uncleared Land (ha) : 5.8
 Uncleared Land Within
 1 km of Boundary (ha): 588
 Percentage Adjoining
 Priv. Prop + Fenced : 15
 Fence Stockproof : Yes

USAGE

Significant Recreation Site : No
 Recreation Details : Too isolated.
 Research Projects : No
 Research Details :

Facilities Available : None
 Signposting Adequate : No
 Condition of Signs : Absent

DISTURBANCE

Historical Disturbances :
 Current Disturbances :
 Regeneration of B/Pits :
 Comments :

Topographic Code : Undulating rises
 Special Topo Features : Monadnocks
 Geological Substrate : Calcrete, gneiss
 Special Geol Features :
 Surface Hydrology : Ephemeral streams
 Comments :

VEGETATION

Dominant Species	Most Abundant Formation	Second Abundant Formation
Condominant Species :	Eucalyptus spp.	Eucalyptus ovalaris
Formation Type :	Mallee	Woodland
Canopy Cover U/S :	58	38
Height U/S :	2.8	8.0
Canopy Cover G/L :	18	18
Height G/L :	0.5	1.8
Soil Colour :	Greybrown	Pinkgrey
Soil Texture :	15	sc1
Percentage Reserve :	72	28
Soil Representation: High		
Comments :	Large lithic outcrop on SE corner - Clyde Hill.	

FLORA

Level of Knowledge : Species lists
 Floristic Richness : Moderate
 Gazetted Rare Species : *Pleurosorus rufifolius*, *Calothamnus* sp. ref Peak Charles.
 Weed Species :
 Percentage of Reserve : 2.82

FAUNA

Level of Knowledge :
 Gazetted Rare Species :
 Nest Hollows Abundant :

GENERAL COMMENTS

Age of vege 4-8 yrs (W.D. reports 1-5 yrs in 1983). Portion of woodland + lithics unburnt. Unident. snails collected. All land to M and W suitable for addition to reserve.