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DEPT. OF CONSERVATION
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WESTERN AUSTRALIA

NATIONAL PARKS AUTHORITY—WESTERN AUSTRALIA

**ANNUAL
REPORT
1979-80**


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Annual report (National Parks Authority of Western Australia)
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DEPARTMENT OF ENVIRONMENT AND CONSERVATION, WESTERN AUSTRALIA

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REPORT FOR THE YEAR
1979 - 80

**NATIONAL PARKS AUTHORITY
OF W.A.**

HON. G. E. MASTERS, M.L.C.
MINISTER FOR CONSERVATION AND THE ENVIRONMENT.

*On behalf of the National Parks Authority of Western Australia, I herewith present the
Report for the year 1979-80.*

C. F. H. JENKINS,
PRESIDENT,
NATIONAL PARKS AUTHORITY OF W.A.

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NATIONAL PARKS AUTHORITY AND COMMITTEES

NATIONAL PARKS AUTHORITY

The State Gardens Board was formed on 15 December 1920 under the Parks and Reserves Act of 1895. This Board was replaced in 1956 by the National Parks Board, also under the Parks and Reserves Act, to control and manage National Parks and some other reserves.

The National Parks Authority Act came into operation on 1 August, 1976. With the proclamation of the Act, the National Parks Authority assumed the functions of the National Parks Board. Authority meetings were held monthly and meetings of the Works and Finance Committee were convened as necessary. Membership at 30 June, 1980 was as follows:—

C. F. H. Jenkins, M.B.E., M.A., M.A.I.A.S., President
H. W. Sorensen, A.A.S.A., F.B.S. (Aust.)
W. G. Young
D. W. G. Treloar, M.Sc. (Agric.)
B. M. J. Hussey, B.Sc. (Hons.) (Bot.), Cert.Ed.
The Conservator of Forests, B. J. Beggs, B.Sc. (For.), Dip.For.
The Director of Fisheries and Wildlife, B. K. Bowen, B.Sc.
The Director of the Department of Tourism, N. J. Semmens, F.A.I.M.
The Surveyor General, J. F. Morgan, L.S., F.I.S. (Aust.), M.A.I.C.
each of whom serve *ex officio* on the Authority.

Deputies

For the Conservator of Forests—P. J. McNamara
For the Director of Fisheries and Wildlife—A. Burbidge, B.Sc. (Hons.), Ph.D.
For the Director of the Department of Tourism—L. Y. Hitchen
For the Surveyor General—P. Van Noort, L.S., M.I.S., Aust.

Observers

Professor A. R. Main, Ph.D., F.A.A.
During absence of D. W. G. Treloar overseas—D. Tuckey

RETIREMENT OF PRESIDENT

The President Mr. C. F. H. Jenkins is due to retire on 31 July 1980 after more than 21 years service and nearly 11 years as President of the National Parks Authority and its predecessor, the National Parks Board.

The Hon. Minister for Conservation has appointed Professor A. R. Main as President from 1 August 1980. As a foundation member of the Environmental Protection Authority Professor Main is widely experienced in National Park and other conservation matters and was authorised to attend Authority meetings as an observer during the year 1979-80. This gave him first hand knowledge of the Authority's current activities and would help to ensure a smooth take-over of the position of President.

ADVISORY COMMITTEES

Following recommendations of the Conservation Through Reserves Committee, Environmental Protection Authority and the Endorsement of the State Cabinet, the following Advisory Committees were active during 1979-80.

Leeuwin-Naturaliste National Park Advisory Committee

National Parks Authority—

Mr. H. W. Sorensen—Chairman
Mr. H. R. Gorringer—Secretary

Shire of Augusta-Margaret River—

Councillor A. P. Hillier
Councillor E. G. Stephensen

Shire of Busselton—

Councillor C. A. Guthrie
Councillor A. V. C. Miles

Forests Department—

Mr. D. Spriggins—Inspector, Forests Department, Bunbury

Department of Agriculture—
Mr. J. Grasby—Adviser, Soil Conservation Service
W.A. Wildlife Authority—
Mr. R. Aitken—Member of the W.A. Wildlife Authority
Meetings were held as follows—
20 September 1979—Busselton Shire Offices
30 November 1979—Unveiling Bussell Memorial Augusta-Margaret River
27 February 1980

D'Entrecasteaux National Parks Advisory Committee

National Parks Authority—
Mr. W. G. Young—Chairman
Mr. H. R. Gorringe—Secretary
Shire of Manjimup—
Councillor A. R. N. Gandy
Mr. G. Gardner
Shire of Nannup—
Councillor J. M. McKittrick
Forests Department—
Mr. R. Underwood—Senior Divisional Forest Officer
Department of Agriculture—
Mr. K. Hawley—Officer in Charge, Agriculture Department, Manjimup
Department of Lands and Surveys—
Mr. C. P. Hutchinson—Divisional Surveyor
Meetings were held—
24 September 1979—Manjimup Shire Offices
10 March 1980—Manjimup Shire Offices

Esperance National Parks Advisory Committee

National Parks Authority—
Mr. B. K. Bowen—Chairman
Mr. H. R. Gorringe—Secretary
Esperance Shire Council—
Councillor D. F. March
Councillor R. C. Russell
Esperance Fishermen's Association—
Mr. A. W. Kent
Esperance Wildflower Society—
Mr. P. Daniell
Department of Tourism—
Mr. E. Cockram—Liaison Officer
Department of Lands and Surveys—
Mr. R. K. Morland—District Surveyor
Department of Agriculture—
Mr. A. Kubicki—Agriculture Adviser

POLICY STATEMENT

The National Parks Authority recognises that National Parks should contain representative examples of our country's land, water and natural features and include areas of such scientific educational and inspirational importance that they merit commitment to Government care. They should preserve for all time scenic beauty, wilderness conditions, native wildlife, indigenous plant life and areas of scientific importance and permit the public enjoyment of these things in such a manner and by such means as will leave them unimpaired for the future.

In conformity with these concepts the policy of the National Parks Authority has been declared to be:—

“To so administer the reserves and other lands under its control as to ensure the preservation of their natural beauty, the conservation of native flora and fauna, and the protection of geological, physiographical and other features of special interest; and to develop and improve certain areas so as to permit their use and enjoyment by the public.”

The management of National Parks has to reconcile the concept of use by the people with the conservation of the natural qualities for which the park was reserved.

Appropriate use of a National Park is any activity which is inspired by and derives its enjoyment from the natural character and features of the Park. Such an activity can be accommodated without material alteration or disturbance or the introduction of artificial conditions into the natural environment.

The Policies for the day to day management of National Parks in compliance with the requirements of the National Parks Authority Act 1976 are published in *Management Policies* obtainable from the office of the Authority.

LEGISLATION

An amendment to the National Parks Authority Regulations relating to camping was published in the *Government Gazette* of 7 December 1979 and covers aspects of camping in National Parks to be in accordance with the proposed new Health Department Regulations.

Charges for camping in National Parks were raised following discussions with representatives of the operators of commercial caravan parks in order that the Authority does not compete unfairly with private enterprise and is able to meet some of the costs involved in providing services and facilities.

STAFF

ADMINISTRATIVE, PROFESSIONAL AND TECHNICAL

The National Parks Authority Administrative, Professional and Technical Staff as at 30 June 1980—

Director—F. G. Smith, D.Sc., B.Sc. (For.), N.D.B., M.I.F.A.
 Secretary—H. R. Gorringe
 Ecologist—B. G. Muir, B.Sc. (Hons.)
 Biologist—R. F. May, B.App.Sc., (Biol.), Dip.Agric.Sci.
 Publications Officer—J. L. Hunter, M.P.R.I. (Aust.)
 Fire Management Officer—R. A. Anderson
 Regional Superintendents—
 Southern Region—J. R. Watson, Ph.D., B.Sc., Grad.Dip.Rec.
 Northern Region—A. N. Start, Ph.D., B.Sc., (Zool.)

STAFF ESTABLISHMENT

Professional and Technical

Director	1
Regional Superintendents	2
Ecologist	1
Biologist (Planning)	1
Fire Management Officer	1
Project Officer	1 (Vacant)
Drafting Assistant (Seconded from Department of Lands and Surveys)	1
	8

Administrative and Clerical

Secretary	1
Publications Officer	1
Senior Clerk	1
Clerks	4
Typists	3
	10

Superintendents, Rangers and Ancillary Staff

Superintendents	2
Rangers	64
Mobile Rangers	12
Female Office Assistants	2
Mechanic	1
	81

99

DISPOSITION OF RANGER STAFF

The following is a list of Superintendents and Ranger Staff employed by the National Parks Authority as at 30 June 1980.

*Avon Valley National Park**

C. Barrow, Ranger Grade 2

*Cape Arid National Park**

L. Otte, Ranger Grade 2

*Cape Le Grand National Park**

R. Harris, Ranger Grade 2

Cape Range National Park

R. Taylor, Ranger Grade 2
(Ranger's residence situated within the Exmouth Townsite—Lot 745 Nimitz Street)

East Perth Cemetery

D. W. S. Davies, Ranger Grade 3

Fitzgerald River National Park

G. Duxbury, Ranger Grade 2
Two Rangers, Grade 3*
(Ranger's residence situated within the Jerramungup Townsite—Lot 106 Kokoda Road)

Geikie Gorge National Park

T. Hales, Ranger Grade 1
(Ranger's residence situated within the Fitzroy Crossing Townsite Old Police Station Headquarters)

*Hammersley Range National Park**

I. Solomon, Ranger Grade 2

*John Forrest National Park**

J. H. Hill, Superintendent
One Ranger, Grade 3
Five Rangers, Grade 4

Kalbarri National Park

C. Cockman, Ranger Grade 1
One Ranger, Grade 3
(Ranger's residence situated within the Kalbarri townsite—Corner Clotworthy and Smith Streets)

Leeuwin-Naturaliste National Park

T. G. Smith, Ranger Grade 2—Leeuwin*
M. J. Batchelor, Ranger Grade 1—Yallingup*
K. A. Taylor, Ranger Grade 2—Cowaramup*

Lesmurdie Falls National Park

J. Rose, Ranger Grade 3

Matilda Bay Reserve

Five Rangers, Grade 4

Nambung National Park

W. Taylor, Ranger Grade 2
One Ranger, Grade 3
(Ranger's residence situated within the Cervantes townsite—Drummond Way)

*Pemberton National Parks**

K. Cunningham, Ranger Grade 2

Pemberton Caravan Park

W. Treacy, Ranger Grade 2
One Ranger, Grade 4

*Porongurup National Park**

K. Mucjanko, Ranger Grade 2

*Serpentine National Park**

R. Elston, Ranger Grade 2

*Stirling Range National Park**

M. Lloyd, Ranger Grade 2
One Ranger Grade 3

*Stokes National Park**

T. Passmore, Grade 2

*Torndirrup National Park**

J. Andrews, Ranger Grade 1

*Walpole-Nornalup National Park**

L. G. Gunson, Ranger Grade 1
Two Rangers, Grade 3
One Ranger, Grade 4

*Walyunga National Park**

B. Cockman, Ranger Grade 2

*Yalgorup National Park**

J. Wheeler, Ranger Grade 2

*Yanchep National Park**

P. Congreve, Superintendent
R. Waterhouse, Ranger Grade 1
Two Rangers, Grade 3
Two Rangers, Grade 4 Leading Hands
Thirteen Rangers, Grade 4
One Mechanic
Two Office Assistants
One Ticket Seller

Mobile Rangers

J. Arkey, Ranger Grade 2
R. G. Hollands, Ranger Grade 2
K. R. Holmwood, Ranger Grade 2
M. A. Host, Ranger Grade 2
A. W. James, Ranger Grade 2
M. Kosorotov, Ranger Grade 2
G. E. Richardson, Ranger Grade 2
J. H. Savory, Ranger Grade 2
J. Shaddick, Ranger Grade 2
R. W. Tindale, Ranger Grade 1
P. Gray, Ranger Grade 3
V. W. Vagg, Ranger Grade 2

*Ranger's residences located within their respective National Parks.

HONORARY RANGERS

The following Honorary Rangers have been appointed under the National Parks Authority Act. Their help in assisting the patrol and supervision of the National Parks concerned is greatly appreciated.

J. E. Hammer	....	....	....	....	Donnelly River Settlement
E. H. Maunders	....	....	....	....	Donnelly River Settlement
E. M. Johnson	....	....	....	....	Hamelin Bay National Park
J. Boyd	....	....	....	....	Walpole-Nornalup National Park
N. Walmsley	....	....	....	....
B. F. Trigwell (Mrs.)	....	....	....	....	Haddleton
A. R. Trigwell	....	....	....	....	Haddleton
E. Chapman	....	....	....	....	Haddleton
C. G. Somner	.....	....	....	....	Haddleton
Dr. D. L. Serventy	....	....	....	....	Gooseberry Hill
A. M. Walters	....	....	....	....	Wolf Creek
T. R. Walters (Mrs.)	....	....	....	....	Wolf Creek

RANGER TRAINING

Advanced Fire Protection Course was conducted by the Bush Fires Board at Yanchep, 26-29, May, 1980.

Training at Yanchep has included courses in Map Reading and Cliff Rescue technique conducted by Rangers.

NATIONAL PARKS AND RESERVES

NEW NATIONAL PARKS

Eucla National Park. Reserve A36205 was vested in the National Parks Authority in the *Government Gazette* of 12 October 1979. PP 3158, 3159 and 3166.

AMENDMENTS TO NATIONAL PARKS

The following additions and amendments to National Parks occurred during the year:—

Cape Arid National Park

Reserve C14234 at Mt. Ragged vested in National Parks Authority *Government Gazette* 20/7/79 pages 1979 and 1968 and purpose changed from "Water" to "National Parks and Water".

Neridup Location 472 area 920 ha (between Merrivale Road and former northern boundary of the National Park) proclaimed Class A for the purpose of National Park and added to Class A Reserve 24047. *Government Gazette* 29/2/80 p. 621.

Collier Range National Park

Area was corrected to 277 841 ha. *Government Gazette* 18/1/80 p. 146.

John Forrest National Park

Class A Reserve 2994 "Parklands" and Class A Reserve 2995 "Public Park" cancelled and combined area of 69 ha added to Class A Reserve 7537 "National Park and Native Game" area increased to 1 574 ha. *Government Gazette* 29/2/80 p. 640.

Kalbarri National Park

Victoria Location 11322, 20 ha excised from Class A Reserve 27004 for sewerage disposal; area reduced to 186 076 ha *Government Gazette* 29/2/80 640.

Leeuwin-Naturaliste National Park

Class A Reserves Nos. 8428, 8429, 8430, 8432, 8433, 8435, 8694 and 8768 purpose was changed from "Protection and Preservation of Caves and Flora and for Health and Pleasure Resort" to "National Park" under the Reserves Act 1978, *Government Gazette* 9/3/79 p. 638.

Class A Reserve No. 8429 was increased by the addition of Sussex Location 4690 (former Reserve C9747 "Excepted from Sale" cancelled, *Government Gazette* 20/7/79 p. 1979) containing area of about 304 ha (*Government Gazette* 20/7/79 p. 1968).

Class A Reserves 8428, 8429, 8430, 8432, 8433, 8435, 8694, and 8768 were vested in the National Parks Authority. *Government Gazette* 20/7/79 P. 1968 and were named Leeuwin-Naturaliste National Park—*Government Gazette* 20/7/79 p. 1980.

Reserve No. 13984 (Sussex Location 1380) Purpose was changed from "Water" to "Water and National Park" (*Government Gazette* 13/7/79 p. 1910) and vested in the National Parks Authority (*Government Gazette* 13/7/79 p. 1897).

Sussex Location 4700 area 3 ha Reserve C11746 for water cancelled, vesting in Shire of Busselton cancelled, proclaimed Class A for Recreation and River Frontage added to Class A Reserve 13404. *Government Gazette* 15/2/80 pp 457, 468 and 470.

Sussex Location 4694, area 380 ha (formerly six locations near Ellen Brook) proclaimed Class A for the purpose of National Park and added to Class A Reserve 22673. *Government Gazette* 29/2/80.

Class A Reserve 15633 (Cape Naturaliste and former Wake-English areas purchased by Government) vested in National Parks Authority for "national park". *Government Gazette* 9/11/79.

Class A Reserve 12507 (Cape Clairault) vested in National Parks Authority for "national park". *Government Gazette* 9/11/79.

Class A Reserve 10922 (including Canal Rocks area former Reserve 25340 and former Reserve-26021) vested in National Parks Authority for "national park" *Government Gazette* 23/11/79.

Class A Reserve 21451 (Hamelin Bay) vesting in National Parks Board in 1957 for purpose "camping" cancelled; vested in National Parks Authority for "National Park". *Government Gazette* 9/11/79.

Nambung National Park

Reserves A24522, C28393 and C29149 named Nambung National Park, *Government Gazette* 25/10/68 p. 3161.

Peak Charles National Park

Reserve 36004 named Peak Charles National Park *Government Gazette* 13/6/80 p. 1725.

Porongurup National Park

The area of Class A Reserve No. 18987 was increased by the addition of Porongurup Estate Lot 24 (formerly Lot 21) *Government Gazette* 29/10/79.

Torndirrup National Park

Part Plantagenet Location 5904 area 44.5 ha excised from Class A Reserve 24258, area reduced to 3 813.5 ha *Government Gazette* 29/2/80 p. 639.

**NATIONAL PARKS AND RESERVES VESTED IN OR UNDER THE CONTROL AND
MANAGEMENT OF THE AUTHORITY AS AT 30 JUNE, 1980**

Name of Area	Reserve No	Purpose	Area (ha)
Alexander Morrison N.P.	A.29800	National Park	3 027
	A.29803	National Park	4 097
	A.28804	National Park	1 377
			8 501
Araluen-Canning	C.21569	Recreation	20
Avon Valley N.P.	A.30192	National Park	4 377
Badgingarra N.P.	A.31809	National Park	13 121
	C.32928	Housing (NPB)	0.2
Boorabbin	A.35004	National Park	26 000
Cape Arid N.P.	A.24047	National Park	251 170
	C.14234	National Park and Water	1 295
			252 465
Cape Le Grand	A.22795	National Park	31 390
	C.32561	Housing (NPB)	0.2
Cape Range N.P.	A.27288	National Park	50 581
		Housing	
Charles Gardner Reserve	A.20041	Flora	792
Chichester Range N.P.	A.30071	National Park	150 609
Collier Range	C.35104	National Park	277 841
D'Entrecasteaux N.P.	A.26628	National Park and Water	1 607
	A.28478	National Park and Water	65
	A.28479	National Park and Water	32
			1 704
Drovers Cave N.P.	A.31202	National Park	2 681
Drysdale River	B.32853	National Park	435 591
East Perth Cemetery	A.21054	Disused Burial Ground	5
	C.25631	Public Park	0.5
Eucla	A.36205	National Park and preservation of Historic Sites	3 342
Fitzgerald River N.P.	A.31737	National Park	234 315
	A.31738	National Park	8 424
	C.32331	Housing (NPB)	0.1
			242 739
Frank Hann N.P.	C.27023	National Park	49 877
Geekabee Hill	C.30916	Flora (Lambstails)	3.8
Geikie Gorge N.P.	A.28401	National Park	3 136
	C. 35071	Housing (NPA)	1.0
Goongarri	A.35637	National Park	49 878
Gooseberry Hill N.P.	A.30200	National Park	33
Greenmount N.P.	A.25313	National Park	56
Haddleton Flora Reserve	C.23886	Boronia and Flora	164
	C.31913	Flora	1 161
			1 325
Hamersley Range N.P.	A.30082	National Park	590 176
		Housing	
Hassell N.P.	A.26650	National Park	1 281
John Forrest N.P.	A.7537	National Park and Native Game	1 574
	A.8164	National Park	4
			1 578

Name of Area	Reserve No.	Purpose	Area (ha)
Kalamunda N.P.	A.21314	National Park	375
Kalbarri N.P.	A.27004	National Park	186 076
	C.28760	Housing (NPB)	0·1
	C.29831	Housing (NPB)	0·1
	C.30949	Housing (NPB)	0·1
	C.32472	Housing (NPB)	0·08
	C.32442	Workshop Site	0·15
Keane's Point	A.17060	Recreation	2·0
King's Park (Small portion)	Pt A.1720	Public Park	0·4
Leeuwin-Naturaliste N.P.	A.7406	National Park and Water	167
	A.8427	Caves, Flora and Health	688
	A.8428	National Park	68
	A.8429	National Park	790
	A.8430	National Park	318
	A.8432	National Park	65
	A.8433	National Park	215
	A.8435	National Park	192
	A.8438	Caves, Flora and Health	546
	A.8694	National Park	279
	A.8768	National Park	243
	A.10922	National Park	157
	A.12507	National Park	34
	A.13404	Recreation and Ocean Frontage	N.A.
	A.13984	Water and National Park	65
	A.14779	National Park	104
	A.15633	National Park	707
	A.20171	National Park	312
	A.20455	National Park	524
	A.20548	National Park	2 325
	A.20849	National Park	252
	A.21451	National Park	848
	A.22673	National Park	1 075
	A.23286	National Park	87
	A.30826	National Park	339
	A.32376	National Park	1 640
	A.35035	National Park	768
	A.35036	National Park	431
			<u>13 239*</u>
Lesmurdie Falls N.P.	A.22515	National Park	35
	A.26247	National Park	21
			<u>56</u>
Matilda Bay	A.17375	Recreation	25
	A.20701	Public Gardens	0·03
Millstream N.P.	A.24392	National Park	441
Moore River N.P.	C.28462	National Park	17 543
Nambung N.P.	A.24522	National Park and Water	3 910
	C.28393	Preservation of National Formations	11 951
	C.29149	National Park	1 626
	C.30392	Ranger's Headquarters	0·3
			<u>17 487</u>
Neerabup N.P.	A.24581	Sanctuary for Fauna	117
	A.27575	National Park	1 078
			<u>1 195</u>

*Excludes area of A.13404 unknown.

Name of Area	Reserve No.	Purpose	Area (ha)
Old Mill, South Perth	C.20804	Public Recreation	0.2
Peak Charles N.P.	C.36004	National Park and Water	39 959
Pemberton	A.7691	National Park	1 356
	A.7692	National Park	1 531
	A.17519	National Park	206
	A.19424	National Park	48
	C.19857	National Park	122
			<hr/> 3 263
Penguin Island	A.17070	Recreation, Camping etc.	13
Porongurup N.P.	A.18987	National Park	2 401
Porongurup, East of	A.25705	National Park	61
Rudall River	A.34607	National Park	1 569 459
Scott N.P.	A.25373	National Park and Rec- reation	3 273
Serpentine N.P.	A.28862	National Park	635
Sir James Mitchell N.P.	A.18705	National Park	1 087
Stirling Range N.P.	A.14792	National Park	115 671
Stokes N.P.	A.32590	National Park	10 668
Tathra N.P.	A.29802	National Park	1 393
	A.29805	National Park	2 930
			<hr/> 4 323
Torndirrup N.P.	A.24258	National Park and Rec- reation	3 813.5
	C.5225	National Park	55
			<hr/> 3 868.5
Tunnel Creek	C.26890	National Park	91
Walpole-Nornalup N.P.	A.13045	Parkland	372
	A.19175	National Park	4
	A.19176	National Park	9
	C.26583	Golf Links	14
	C.26584	Yacht Club Site	0.8
	A.31362	Walpole-Nornalup National Park	17 716
			<hr/> 18 116
Walyunga	C.2065	National Park (Not Gazetted)	172
			1 618
			<hr/> 1 790
Watheroo N.P.	A.24229	National Park	1 633
	A.24450	National Park	2 903
	A.24491	National Park	39 788
			<hr/> 44 324
William Bay N.P.	A.24482	National Park	1 867
Windjana Gorge N.P.	A.31107	National Park	2 134
Wolf Creek	A.29457	Protection of Meteorite Crater	1 460
Yalgorup N.P.	A.11710	National Park	9 079
	A.12189	National Park	1 587
	C.21271	National Park	520
	A.22057	National Park	359
			<hr/> 11 545
Yanchep Flora	A.24436	Protection of Flora	113
Yanchep N.P.	A.9868	National Park	2 799
			<hr/> 4 274 465
		Total	

RESEARCH AND PLANNING

MONITORING

A number of previously installed monitoring programmes are being followed up and some new ones have been established. Emphasis has been on dieback disease, fire effects, effects on grazing and fauna and flora surveys.

Biological surveys of Frank Hann and Peak Charles National Parks have commenced as part of the System 11 survey in conjunction with the Western Australian Museum and Department of Fisheries and Wildlife.

The W.A. Museum's contract to undertake a flora survey of Frank Hann, Peak Charles and Boorabbin National Parks was continued.

Many National Parks were visited to carry out resource inventories, investigate management problems, develop projects and to develop ecological management guidelines for Rangers and Head Office staff.

A great deal of effort has been spent in processing objections to numerous mining claims in National Parks.

A marine survey was carried out over portion of the proposed Ningaloo Reef Marine Park in conjunction with the W.A. Museum in order to formulate management proposals and improve known data on the reef.

WORKING PLANS

Leeuwin-Naturaliste National Park

The Working Plan for the park was revised following the receipt of various submissions and was approved for transmission to the Environmental Protection Authority.

Proposed South Coast National Park (D'Entrecasteaux National Park)

A Working Plan for the proposed National Park was compiled. Its implementation would be dependant upon the finalisation of the vestings and the provision of funds and staff without which maintenance, provision of facilities for the public and fire control proposals could not be put into effect.

Monte Bello Islands

A Working Plan was prepared and approved and forwarded to the Environmental Protection Authority.

Peak Charles National Park

Interim management proposals have been adopted.

DEVELOPMENT

HOUSING

Houses for rangers have been erected in Hamersley Range National Park, Avon Valley National Park and in Stokes National Park. The Ranger for Hamersley Range National Park was previously housed in Wittenoom. The other two parks have been previously unmanned.

Water catchment dams have been constructed for domestic water supplies to ranger houses in Avon Valley and Stirling Range National Parks. The dam capacities are four million litres and three million litres respectively.

EQUIPMENT

Cape Arid, Cape Le Grand and Stokes National Parks in the Esperance Shire were provided with a tractor and ancillary attachments for construction and maintenance work. Also a heavy duty truck and a new firefighting unit was obtained.

Five light duty firefighting units were purchased for various parks and one heavyduty un it was built at Yanchep National Park and stationed at John Forrest National Park. Another slip-on heavy duty unit is on loan from the Forests Department and has been allocated to Pemberton National Park.

Supplementary firefighting and safety equipment along with replacements were purchased to outfit the Rangers and Fire Weather Instrument sets were established in six parks. Flashing lights and sirens have been obtained for firefighting vehicles as an emergency and safety measure

ROAD WORKS

The allocation of funds from the Main Roads Department and from the Authority's own resources enabled the following road works to be carried out:—

East Mount Barren road in Fitzgerald River National Park formed and surfaced on a new alignment to link up with West River Road.

Collets Track in Fitzgerald River National Park formed and surfaced from the park boundary to Quaalup road which has also been upgraded.

In the Leeuwin-Naturaliste National Park three kilometres of gravel roads have been constructed and three carparks and access roads were sealed.

Carparks have been constructed or extended and sealed in John Forrest National Park. In Kalbarri National Park the Meanarra Drive following the old road into Kalbarri round Meanarra Hill was reformed and surfaced.

The Bluff Knoll car park has been enlarged and a coach parking bay provided.

Kerbing and sealing of roads in the Pemberton Caravan Park were carried out.

Maintenance work has been carried out in many National Parks with the Authority's equipment and with assistance from Local Authorities in some Parks.

The Authority is most appreciative of the assistance of the Main Roads Department in making funds available and providing technical advice to Authority staff.

FIRE MANAGEMENT

PROCEDURES

During the financial year of 1979-80, protective measures were effectively carried out, as far as they could be extended, with present staff and finance. No known fires originating within National Parks caused damage to neighbouring properties.

The majority of the parks in the south-west have been visited by the Fire Management Officer though not as frequently as previous years.

Contractors were again employed for construction and maintenance of the majority of firelines with the remainder of work carried out by Ranger staff. The percentage of maintenance by Rangers is increasing each year as equipment becomes available to the Authority.

Under the requirements of the Bush Fires Act, fifteen Fire Management Plans have been submitted to date, of which eight have been fully processed and gazetted.

Liaison has again been constant in all areas and our thanks must go to all those people who have advised and assisted the National Parks Authority in any form.

Special mention has to be made of the Ranger staff without whose constant help and efforts, the total Fire Management activity could not be as successful as it has been to this time.

TRAINING

Thirty-five staff attended a Rangers Advanced Fire Protection Course, five Rangers attended a Basic Course and two participated in a Fire Weather Officers Course. With the valuable assistance of the Bush Fires Board, the majority of Rangers have now reached an Advanced level in this subject.

REPORTED WILDFIRES ON EXISTING NATIONAL PARKS AUTHORITY LAND FOR 1979-80 SEASON

Park	No. of Fires	Approx. Area Burnt (ha)
Alexander Morrison	1	20
Drovers Cave	1	12
Fitzgerald River	1	2 000
Geikie Gorge	1	3
Gooseberry Hill	2	0.12
Hamersley Range	4	6 658
John Forrest	2	55
Kalamunda	1	154
Kalbarri	2	20 000
D'Entrecasteaux	1	2
Leeuwin-Naturaliste	4	162
Lesmurdie Falls	1	55
Millstream	1	0.5
Pemberton	5	25.5
Stirling Range	1	2
Walpole-Nornalup	6	826
William Bay	1	4
Yalgorup	1	60
Yanchep	3	2.6
Total	39	30 041.72

The following causes were attributed to the above fires:

Deliberately lit	....	....	....	....	....	11
Escapes from adjoining property	....	....	....	....	....	15
Escapes from National Park control burns	....	....	....	....	....	4
Lightning	....	....	....	....	....	4
Barbecue	....	....	....	....	....	1
Cigarette	....	....	....	....	....	1
Unknown	....	....	....	....	....	3

39

There were 111 control burns within National Parks during the year.

REGIONAL ADMINISTRATION

The two new appointments of Regional Superintendents have been operating for the whole year and have been of very great benefit.

The Regional Superintendent for the Northern Region covers the Administrative region of Gascoyne, Pilbara and Kimberley and is based at Karratha. The Administrative regions of the Great Southern, the South-West south of Bunbury and the Goldfields south of Coolgardie, are covered by the Regional Superintendent who is based in Albany.

The Regional Administrators at Karratha and Albany have provided the Regional Superintendents with office accommodation and facilities.

NORTHERN REGION

A Regional Superintendent for the Northern Region was established at Karratha in August 1979 with responsibilities in the areas mentioned above.

There are currently eleven National Parks with a combined area of 3 081 510 ha within his area of responsibility. There are only three resident rangers (Cape Range National Park, Hamersley Range National Park and Geikie Gorge National Park) however, during the winter tourist season they are augmented by mobile rangers. Mobile rangers caretake Geikie Gorge, Millstream, Chichester Range and Windjana Gorge/Tunnel Creek National Parks. This year, for the first time, a mobile ranger was maintained at Millstream during the summer. Wolf Creek Meteorite Crater is cared for by two Honorary Rangers. The remaining three National Parks are not staffed by Rangers at any time. These are Drysdale River, Collier Range and Rudall River National Parks.

Since his appointment, the Regional Superintendent has made a number of visits to all the National Parks where Rangers are located and is currently developing a number of projects to improve the presentation and facilities in these National Parks. He has also developed a good working relationship with relevant Government Departments, Local Authorities and interested bodies throughout the region.

CENTRAL REGION

There is as yet no Regional Superintendent for the Central Region which consists of the area from the Murchison to Bunbury. This region is administered directly from National Parks Headquarters.

During the year a Ranger-in-Charge took up residence within the Avon Valley National Park. In addition to provision of a ranger's house and water supply dam in Avon Valley National Park, other major works were improvements to the swimming pool and development of a plant nursery in John Forrest National Park; the latter to provide plants for rehabilitation programmes in parks.

At Yanchep National Park the second stage of the renovation of a toilet block was completed and electrical installations were put underground.

A compound for use by Mobile Rangers when stationed at Yanchep was constructed.

Footprints preserved on the surface of rock in Kalbarri National Park which were photographed by Dr. F. G. Smith in 1975 were identified by the W.A. Museum as being those of the giant scorpion Eurypterid. A loose portion of rock with these footprints on them was placed in the safe keeping of the Museum as a type specimen.

SOUTHERN REGION

Since the establishment of the Southern Region office in July, the day to day management and administration of National Parks along the south coast has been effected from the Albany Regional offices.

The Regional Superintendent has maintained close contact with Regional Administration centres in Bunbury, Albany and Kalgoorlie and has represented the National Parks Authority at the appropriate Regional Development Committee meetings.

Close liaison has also been maintained with local authorities, conservation societies, tourist bureaux, schools and other national park users through attendance at meetings and by the presentation of over twenty illustrated talks and lectures throughout the region.

Frequent visits have been made to all major National Parks in the region and one visit has been made to Eucla National Park.

In the Esperance district a nature trail has been established at Cape Arid National Park and at Cape Le Grand National Park, a ceremony, attended by over 400 people was held to launch the opening of the new Coastal Trail from Le Grand Beach to Rossiter Bay.

In the Fitzgerald River National Park several beach walkways have been provided at East Mt. Barren and a major re-design of the Mylies Beach facilities area has been commenced.

In the Albany District, a small visitor information centre has been established at the Stirling Range National Park.

At Porongurup National Park a busy bee, in conjunction with National Life, Be In It Day, saw the re-routing of one kilometre of footpath up Nancy's Peak and the commencement of rehabilitation measures on the badly eroded original route. At Torndirrup National Park three hang gliding zones were established in liaison with the Hang Gliders' Association of W.A.

In the Walpole district a major dune stabilisation project was undertaken at William Bay National Park in conjunction with the Soil Conservation Branch of the Department of Agriculture, the Department of Conservation and Environment, and community groups from Denmark. At Walpole-Nornalup National Park improvements were made to the Coalmine Beach Caravan Park and a walker registration post was established at the commencement of the trail into the Nuyts Wilderness area.

In the Pemberton district various improvements were made at the Pemberton Caravan Park, including a new laundry which has been provided for campers.

In the Margaret River district numerous beach car parks, paths and railing projects have been undertaken in the Leeuwin-Naturaliste National Park. At Ellenbrook a memorial to the Bussell family was unveiled at a ceremony attended by the Hon. Minister for Conservation and the Environment. It is pleasing to note that there is increasing public support for the Leeuwin-Naturaliste National Park and recognition of the protection and free access to the coastline for all visitors.

FINANCE

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 30 JUNE, 1980

Previous Year 1978/79		1979/80	
\$	\$	\$	\$
RECEIPTS			
Opening Balance National Parks and Other Reserves			
Rents—			
33 853		General	47 918
21 490		John Forrest	22 905
25 781		Geikie Gorge	39 263
9 054		Kalbarri	8 664
10 393		Serpentine	7 375
13 502		Walpole-Nornalup	13 988
33 206		Pemberton	31 491
17 594		Walyunga	13 523
143 579		Yanchep	156 359
7 023		Other Parks and Reserves	6 500
	315 475		347 986
Other Receipts			
5 972		Sundry Receipts	12 191
29 845		Sale of Surplus Assets	18 196
63 698		Refunds and Suspense	73 264
1 650		Wishing Well	2 100
	101 165		105 751
Grants			
1 678 000		Treasury	1 990 000
	1 678 000	Closing Overdrawn	1 990 000
	10		76
	\$2 094 650		\$2 443 813

PAYMENTS

	173	Opening Overdrawn Balance	10
Administrative Expenses			
59 581		Head Office Expenses	88 350
191 341		Head Office Salaries	247 806
21 682		Workers Compensation and Public Liability Insurance	16 346
25 098		Contributions to Staff Endowment Fund	36 718
49 262		Payroll Tax	56 580
346 964			445 800
National Parks and Other Reserves			
820 898		Wages	925 565
508 358		Operating and Maintenance costs	591 227
266 652		Improvements, including Buildings, new vehicles, plant, bush fire control and equipment	317 603
4 263		Walyunga—Purchase instalment	4 155
1 600 171			1 838 550
Other Payments			
72 609		Sundry payments	60 924
73 083		Refunds and Suspense	96 429
1 650		Wishing Well	2 100
147 342			159 453
\$2 094 650			\$2 443 813

H. R. GORRINGE,
Secretary, National Parks Authority.

I certify that this statement is in accordance with the accounts and records produced.

J. TONKS,
Auditor General.

RENTALS

Annual rentals for leased premises being paid as at 30 June, 1980 are as follows:—

	Per Annum \$
Bernies Kiosk	5 720
Hamelin Bay	50
John Forrester National Park—	
*Tavern	1
Keane's Point—	
Royal Freshwater Bay Yacht Club	1 800
Matilda Bay—	
El Sombrero Restaurant	2 500
Cygnet Hall and Hale School Boatshed	316.67
Mounts Bay Sailing Club	550
Perth Dinghy Sailing Club	250
Royal Perth Yacht Club	1 500
Sea Scouts	2
University Boatshed	2
Penguin Island	4
Walpole Yacht Club	10
Yanchep National Park—	
McNess Guest House	1 040
Yanchep Inn	7 417.80
Donnelly River (leases) 37 at \$10 per annum	370

*This building was built at no expense to the National Parks Authority on condition that it enjoyed a peppercorn rental for a period of 21 years after which time it reverted to the ownership of the Authority.

DONATIONS FROM WISHING WELL

During the year an amount of \$2 100.00 was collected and distributed from the Yanchep National Park Wishing Well. Institutions which benefited from these donations were as follows:—

	\$
National Heart Foundation	140.00
Diabetic Association of W.A.	140.00
W.A. Epilepsy Association Inc.	140.00
Torchbearers for Legacy of W.A.	140.00
Cancer Council of W.A.	140.00
Royal W.A. Institute for the Blind	140.00
St. John Ambulance Brigade (Wanneroo)	140.00
St. John Ambulance Association	140.00
Slow Learning Children's Group of W.A. Inc.	140.00
Paraplegic-Quadriplegic Association	140.00
Muscular Dystrophy Research Association of W.A.	140.00
Australian Red Cross Society	140.00
The W.A. Deaf Society Inc.	140.00
Spastic Welfare Association of W.A. Inc.	140.00
Walpole-Nornalup Ambulance Sub Centre	140.00
	\$2 100.00

ADMISSIONS AND OTHER CHARGES

The standard fees and charges in National Parks and other Reserves at the 30 June, 1980 were as follows:—

<i>Vehicle Entrance Fees</i>		\$
Motor Cars, Utilities, Motor Trucks		1.00
Motor Cycles		0.50
Motor Cars, Utilities, Motor Trucks and Motor Cycles, each Season Ticket		5.00
Omnibuses with seating for not more than 12 Passengers		2.00
Omnibuses with seating for more than 12 passengers but not more than 24 passengers		4.00
Omnibuses with seating for more than 24 passengers		8.00
Camping Permits (up to 2 persons) per day		3.00
Additional persons 50 cents per head per night extra.		
Caravan Sites—Pemberton and Walpole-Nornalup National Parks—		\$
(i) to which electricity is connected (daily)		5.00
(ii) to which electricity is not connected (daily)		4.50
<i>Boating Charges</i>		
Geikie Gorge—		
Boat trip (Adults)		3.00
(Children under 15)		1.00
Reduction for more than one trip—		
(Adults)		1.50
(Children under 15)		0.50
Launching Fee		2.00
Yanchep—		
Launch trip (Adults)		0.30
(Children)		0.10
Boat Hire (per hour)		3.00
(plus deposit on oars)		2.00
<i>Cave Entry Fees</i>		
Yanchep—		\$
Crystal Cave (Adults)		0.50
(Children)		0.20
Yonderup Cave (Adults)		0.50
(Children)		0.20
<i>Hiring Fees</i>		
Yanchep—		
Ovals		15.00
Hall		5.00
Green Fees (Golf Course)— 9 holes		2.00
18 holes		4.00

Commercial Fishing Permits

Includes entrance of vehicles to National Parks, transport of produce and siting of caravan and equipment—	\$
Annual Permit—6 months or more	50.00
Per month of 30 days—less than 6 months	10.00
Per night—periods less than 1 month	3.00

Apiary Site Licenses

Annual Fee (collected by Forests Department)	10.00
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PURCHASE OF LAND

Walyunga National Park—A further instalment of \$4 155 was met during the year in connection with the purchase of the land acquired for establishment of Walyunga National Park. The final payment will be made in 1983.

PUBLICITY AND PUBLICATIONS

During the year a book was completed by the President Mr. C. F. H. Jenkins entitled "The National Parks of Western Australia". The publication contains descriptions of many of the States major Parks and general information on the characteristic flora and fauna. The illustrations include 25 pages of colour plates as well as numerous maps showing the locations of National Parks in the various Australian States and Territories.

The publication will be launched by the Hon. Sir Charles Court, K.C.M.G., O.B.E., M.L.A. on August 6th 1980. The book is available from the National Parks Authority at a cost of \$6.95.

In October 1979 a Publications Officer was appointed to the Authority and since that time the officer has embarked upon writing, publishing and reprinting Authority documents.

During the year liaison with the media and enquiries kept the general public informed on matters relating to National Parks visitation, usage, management and environmental matters.

Written and verbal requests from the general public, teachers and students were met.

Interest was shown by the Department of Tourism and various state tourist agencies in obtaining stocks of the Authority's brochures. Because of the limited number of brochures printed however, bulk issues are restricted to National Parks and Authority offices.

The following publications were updated and reprinted during the year:—

- National Parks Authority of W.A. "Management Policies."
- "National Parks of Western Australia" brochure.
- "National Parks of the Kimberley" brochure.
- "Kalbarri National Park" brochure.
- Walpole-Nornalup National Park—"The Saw-pit" leaflet.

New publications prepared and published during the year were:—

- "National Parks of Western Australia General Information" booklet.
- "National Parks of Western Australia Camping Information" booklet.
- National Parks Authority "1979 Annual Report."
- "Cape Range National Park" leaflet.
- "Hamersley Range National Park" leaflet.
- "Cape Le Grand Walk Trail" leaflet.

Currently being prepared and in print are:—

- "The Birds of the Stirling Range" booklet.
- A reprint of the "Stirling Range/Porongurup National Parks" brochure.
- "Walyunga National Park Walk Trails" booklet.
- "The Nambung National Park" brochure.

COMMUNICATIONS

All Resident Ranger stations, Mobiles, Head Office and Yanchep bases were maintained during the year. A further radio was supplied to each of the new Rangers-in-charge at Avon Valley National Park and Stokes National Park.

The Authority is now using 12 200 kHz frequency for long distances and as a result communications with the North are being satisfactorily maintained. Alterations to the di-poles at Head Office have considerably improved general communications.

As well as the 34 radio equipped Resident Rangers throughout the State there are 12 radio equipped Mobile Ranger vehicles, 2 Regional Superintendents and 5 Head Office radio equipped vehicles.

A CB radio has been fitted in one vehicle for contact with local fire brigades and with the permission of the Forests Department, a compatible radio has been fitted into a vehicle at Pemberton for radio communication with that Department.

MISCELLANEOUS

COMMONWEALTH GRANTS COMMISSION

A submission to the Commonwealth Grants Commission for the review of State relativities was prepared and forwarded.

PARLIAMENTARY SELECT COMMITTEE ON NATIONAL PARKS

Submissions were made by the President and the Director.

GLOUCESTER LODGE MUSEUM—YANCHEP

The museum set up by Wanneroo Shire Council in the Gloucester Lodge was officially opened on 20 November 1979.

CONCOM STANDING COMMITTEE

The Director of National Parks represented the National Parks Authority at the meetings held in Canberra 27 October 1979 and in Adelaide 14-15 May 1980.

ACKNOWLEDGEMENTS

The Authority records its thanks for the professional advice and practical help given by officers of various Government Departments and organisations including the Agriculture Departments Agriculture Protection Board, Bush Fires Board, Department of Conservation and Environment, Crown Law Department, Fisheries and Wildlife Department, Forests Department, Government Printer, Government Stores, Department of Labour, Lands and Surveys Department, Main Roads Department, Mines Department, Public Works Department, Town Planning Department, W.A. Museum, and others, also for the co-operation and help given by Local Councils, Town Councils, Bush Fire Brigade, Zoological Gardens Board, Veterinary Surgeons Smits and Nickels, Bunnings of Pemberton and Pemberton Junior Sports Council.

The Authority also records its appreciation to the Director and his staff for the efficient manner in which all duties relating to management of the areas under the control of the Authority have been carried out during the year.

NATIONAL PARKS AND RESERVES DESCRIPTIONS

NATIONAL PARKS

Alexander Morrison National Park

Class A Reserves of 8 501 hectares comprising Reserves A.29800, A.29803 and A.29804 located north-west of Jurien Bay and controlled by the Ranger-in-Charge of Nambung National Park.

Avon Valley National Park

An A Class Reserve of 4 377 ha having a resident Ranger-in-Charge and being a limited access Park. It is an area of magnificent scenery in the river valleys of the Darling Scarp and is an excellent representative area of the transition zone between the forest block and wheat belt country.

Badgingarra National Park

Situated north-east of the Cervantes Townsite and Nambung National Park, this area of 13 121 hectares was reserved mainly for the preservation of Black Kangaroo Paws. It is also known to contain many other rare and restricted plant species.

Boorabbin National Park

An A Class Reserve of 26 000 ha situated on each side of the Great Eastern Highway west of Boorabbin. Typical shrubland of the sand plains east of the wheatbelt.

Cape Arid National Park

An A Class Reserve of 252 465 ha, having magnificent coastal scenery, popular for camping and fishing. A Ranger is resident in the park near the mouth of the Thomas River.

Cape Le Grand National Park

An A Class Reserve consisting of 31 390 hectares on the South Coast about 32 kilometres east of Esperance. It has magnificent coastal scenery with granite peaks and swamps rich in birdlife. The area is popular for summer camping and fishing holidays. The Ranger is resident in the park.

Cape Range National Park

The park was extended to include a part of former Yardie Creek Station and was classified A Class Reserve in 1974. The park consists of 50 581 hectares situated on the North West Coast near Exmouth. It contains rugged mountain scenery with deeply eroded gorges and a coastline well patronised for camping and fishing during the winter months. The park is controlled by a Ranger located in Exmouth.

Chichester Range National Park

This A Class Reserve comprises 150 609 hectares of great scenic beauty, including the well known Python Pool. The area is located south of Roebourne and is serviced by a Ranger appointed to control the Hamersley Range National Park and by a Mobile Ranger based at Millstream during the winter months.

Collier Range National Park

A Class C Reserve of 277 841 hectares consisting of high ground between the upper reaches of the Ashburton and Gascoyne Rivers. The park contains large areas of ungrazed spinifex and soft grass country.

D'Entrecasteaux National Park

Consisting of A Class Reserves extending along the western-south coast, between Lake Jasper and Walpole-Nornalup National Park. Will contain extensive areas of sand dune, both primary and secondary. Extensive areas of heathland, scrubland and woodland with smaller areas of Karri, Marri and Jarrah forest. At present consists of Class A Reserves at the mouth of the Donnelly River at Lake Jasper, altogether totalling 1 704 hectares.

Drovers Cave National Park

An A Class Reserve of 2 681 hectares located north of Jurien Bay, this area is under the supervision of the Ranger-in-Charge of Nambung National Park.

Drysdale River National Park

This reserve consists of 435 591 hectares of wooded country in the North Kimberley. The Drysdale River flows through the middle of the reserve which includes the Ashton Range and the Carson Escarpment. A large isolated unfacilitated wilderness area requiring National Parks Authority permission to enter.

Eucla National Park

An A Class Reserve of 3 342 ha situated on the south coast at the Western Australia/South Australia border. An arid to semi-arid area of sand hills and mallee country with coastal limestone cliffs.

Fitzgerald River National Park

A major reserve of 242 739 hectares, situated on the South Coast between the Gairdner, Fitzgerald and Phillips River, west of Culham Inlet and Hopetoun Townsite. Its most interesting features are the Fitzgerald and Hamersley River Gorges with spectacular cream coloured spongolite cliffs. It contains magnificent coastal and mountain scenery and unique flora and fauna. The area is serviced by a Ranger based in Jerramungup and an Assistant Ranger resident at Quaalup and one at East Mt. Barren.

Frank Hann National Park

This area of 49 877 hectares the majority of which comprises land 1.5 km wide on each side of the Lake King-Norseman Road. The park represents a cross section of the heath flora of the inland sand plain east of the wheatbelt.

Geikie Gorge National Park

This area of 3 136 hectares about 16 km from Fitzroy Crossing contains a beautiful gorge where the river cuts through an ancient limestone barrier reef. A campsite and river trips are operated by a Ranger during the dry season.

Goongarrie National Park

An A Class Reserve of 49 878 hectares representing Mulga Country near to the Eucalypt Mulga line. This is the only National Park containing a large area of Mulga dominated vegetation at the southern end of the range of that species.

Gooseberry Hill National Park

It is a scenic lookout of 33 hectares located on the western edge of the Darling Range escarpment a few miles from Kalamunda.

Greenmount National Park

An area of 56 hectares reserved for its panoramic views of the coastal plain, Swan River and Perth and its suburbs. Contains a fine representation of Jarrah trees.

Hammersley Range National Park

This is the second largest single National Park under the Authority's control and comprises an area of 590 176 hectares. The area is one of spectacular mountains, gorges, water courses and plateaux. Points of special interest are Fortescue Falls, Circular Pool, Dales Gorge, Joffre Falls and Red Gorge. The Ranger in charge of this National Park has his headquarters at the Park. Camping is permitted in designated areas in this park.

Hassell National Park

This A Class Reserve of 1 281 hectares is situated along the main Albany-Bremer Bay road and is reserved for the protection of its flora and fauna.

John Forrest National Park

This National Park is an A Class Reserve of 1 578 hectares situated in the Darling Range about 27 km from Perth. It is the original National Park in Western Australia declared in 1895. It contains open forest and woodland and has outstanding displays of wildflowers during the Spring. There is a natural swimming pool for the enjoyment of the public. It is serviced by a Ranger staff of 8.

Kalamunda National Park

An A Class Reserve of 375 hectares. This area is rich in wildflowers, particularly Blue Leschenaultia, and it has been the Authority's policy to leave it mainly undeveloped.

Kalbarri National Park

This A Class Reserve of 186 076 hectares is quickly becoming one of the State's most popular National Parks. Located some 644 km north of Perth near the mouth of the Murchison River, the park has outstanding gorge scenery along the river, and the limestone and sandstone cliffs provide magnificent coastal scenery. Good accommodation including hotel/motel, camping and caravan parks, swimming, surfing and fishing facilities are available at the Townsite at Kalbarri.

Leeuwin-Naturaliste National Park

Consists of a series of Class A Reserves of 13 239 hectares, mainly on the ridge of granite gneiss and limestone which runs along the coast between Cape Naturaliste and Cape Leeuwin. Spectacular coastal scenery, heathland and forest with many caves in limestone.

Lesmurdie Falls National Park

A small A Class Reserve of 56 hectares which gives good views of the coastal plain. This area is a popular picnic spot situated 24 km from Perth.

Millstream National Park

Part of the area recommended by the Environmental Protection Authority to be a National Park at Millstream on the Fortescue River was vested in the National Parks Authority *Government Gazette* April 1, 1977. This was Class A Reserve 24392, about 441 hectares, formerly vested in the Fauna Protection Advisory Committee.

Moore River National Park

This area of 17 543 hectares, located about 113 km north of Perth, is outstanding for its wildflowers. It is the Authority's intention to leave this area undeveloped. A good representative area of undisturbed Swan coastal plain.

Nambung National Park

A National Park of 17 487 hectares situated south of Jurien Bay, this area is becoming increasingly popular for its wildflowers and strange natural formations, the Pinnacles. A number of caves in the area are being kept sealed to protect them from vandalism. Two Rangers are resident in Cervantes Townsite.

Neerabup National Park

Class A Reserve of 1 195 hectares. This area located on the Perth-Yanchep Road a few kilometres north of Wanneroo, is being maintained in its natural state. A good representative sample of Spearwood formation limestone.

Peak Charles National Park

A C Class Reserve of 39 959 ha. Centred on spectacular granite outcrops representing flora of the south-west portion of the goldfields. Excellent scenic panoramas of surrounding areas.

Pemberton National Parks

Areas collectively known as the Pemberton National Parks, consisting of Class A Reserves 7691 (Warren National Park) 1 356 hectares, 7692 (Beedelup National Park) 1 531 hectares, 19424 (Brockman National Park) 48 hectares, 17519 (Miscellaneous reserves alongside alignment of Old Vasse Road) 206 hectares, and Class C Reserve 19857 at Pemberton 122 hectares. A delightful caravan park is situated in the Pemberton reserve. A ranger is based on the Old Vasse Road between the Warren and Beedelup National Parks. All the Parks are situated in outstanding Karri forest.

Porongurup National Park

An A Class Reserve of 2 401 hectares between the Stirling Range National Park and Albany. It incorporates the granite peaks of the Porongurup Ranges, the slopes of which are heavily forested with Karri *Eucalyptus diversicolor*. Accommodation is available at the nearby Karribank Motel/Guest House. A Ranger is stationed in the park.

Rudall River

Class A Reserve 34607, about 1 569 459 hectares around Rudall River, east from Roy Hill and Nullagine. An excellent representation of sand dune and salt lake system of the North-East Pilbara.

Scott National Park

An A Class Reserve of 3 273 hectares situated 6.4 km north-east of Augusta townsite originally created in 1959 to protect the waterways at the junction of the Scott and Blackwood Rivers and the Jarrah, Marri, and Karri forests existing in the area. Named after Robert Scott who first selected land in the southern portion of the Reserve in 1871.

Serpentine National Park

An A Class Reserve of 635 hectares. This park is popular for picnicking and is noted for its waterfall. There is an area designated for camping and has a resident Ranger.

Sir James Mitchell National Park

An A Class Reserve consisting of an area of 1 087 hectares stretching along the South West Highway, for a length of 64 km. As its width is 100 metres on each side of the road it ensures that this stretch of road will remain a drive displaying natural flora.

Stirling Range National Park

An A Class Reserve of 115 671 hectares. This is a major National Park under the Authority's control and is situated 322 km south-east of Perth. This park is noted for its wildflowers and mountain peaks, the highest of which, Bluff Knoll, rises 1 073 metres above sea level. In order that the surrounding farmland be protected from bush fires escaping from this rugged park, an extensive system of fire breaks has had to be cut. There is a commercial caravan park on the northern boundary of the park opposite the Bluff Knoll turn-off, and overnight camping is permitted at Moingup Springs. Two Rangers are resident in the park.

Stokes National Park

An area of 10 668 hectares on the south coast of Western Australia adjoining Stokes Inlet and Lake Cobinup reserve, to preserve the foreshores of these waterways. A Ranger-in-Charge is in residence in the Park.

Tathra National Park

An A Class Reserve of 4 323 hectares. The area is noted for its wildflowers and for the present is being maintained in its natural state.

Torndirrup National Park

This Reserve with an area of 3 868 hectares, is located south-west of the town of Albany. It is noted for its flora and fauna and rugged coastline, particular tourist attractions being known as The Gap and the Natural Bridge. The area is maintained by a Ranger situated in the Park.

Tunnel Creek National Park

This Reserve has an area of 91 hectares. Situated about 184 km east of Derby and 29 km south-east of Windjana Gorge National Park, Tunnel Creek is a stream which flows through the Napier Range and through a large natural tunnel eroded through the limestone by the creek itself.

Walpole-Nornalup National Park

This reserve of 18 116 hectares is located on the South Coast of Western Australia some 418 km south-east of Perth. It is an area of great scenic beauty, noted for its flora, fauna, fine stands of Karri and Tingle forest, coastal views and enclosed inlets. The establishment of a camping and caravan park at Coalmine Beach, controlled by the Authority, has resulted in the area becoming a popular resort and noted for its swimming, fishing and yachting. There are four resident Rangers.

Walyunga National Park

Walyunga National Park consists of an area of 1 790 hectares, located approximately 37 km north-east of Perth. It is noted for its scenic views and flora and for the fact that it was a large camping area formerly used by Aborigines. The establishment of picnic facilities at Walyunga and Long Pools and the rapids that occur during the winter have resulted in its becoming one of the most popular picnic spots adjacent to Perth. There is a Ranger resident in the park.

Watheroo National Park

This A Class Reserve of 44 324 hectares is controlled by the Ranger stationed in Cervantes and is considered valuable for the preservation of native flora and fauna.

William Bay National Park

An A Class Reserve consisting of 1 867 hectares. This area is noted for its flora, fauna and coastal scenery.

Windjana Gorge National Park

This A Class Reserve of 2 134 hectares situated in the Kimberleys, contains a remarkable gorge where the Lennard River cuts through an ancient limestone reef. The gorge is 4 km long and has nearly vertical walls up to 76 metres high.

Wolf Creek Crater National Park

A Reserve of 1 460 hectares situated 104 km south of Halls Creek. Reserved for the protection of a meteorite crater. This crater is 800 metres wide, 49 metres deep, with an area of 1 296 hectares.

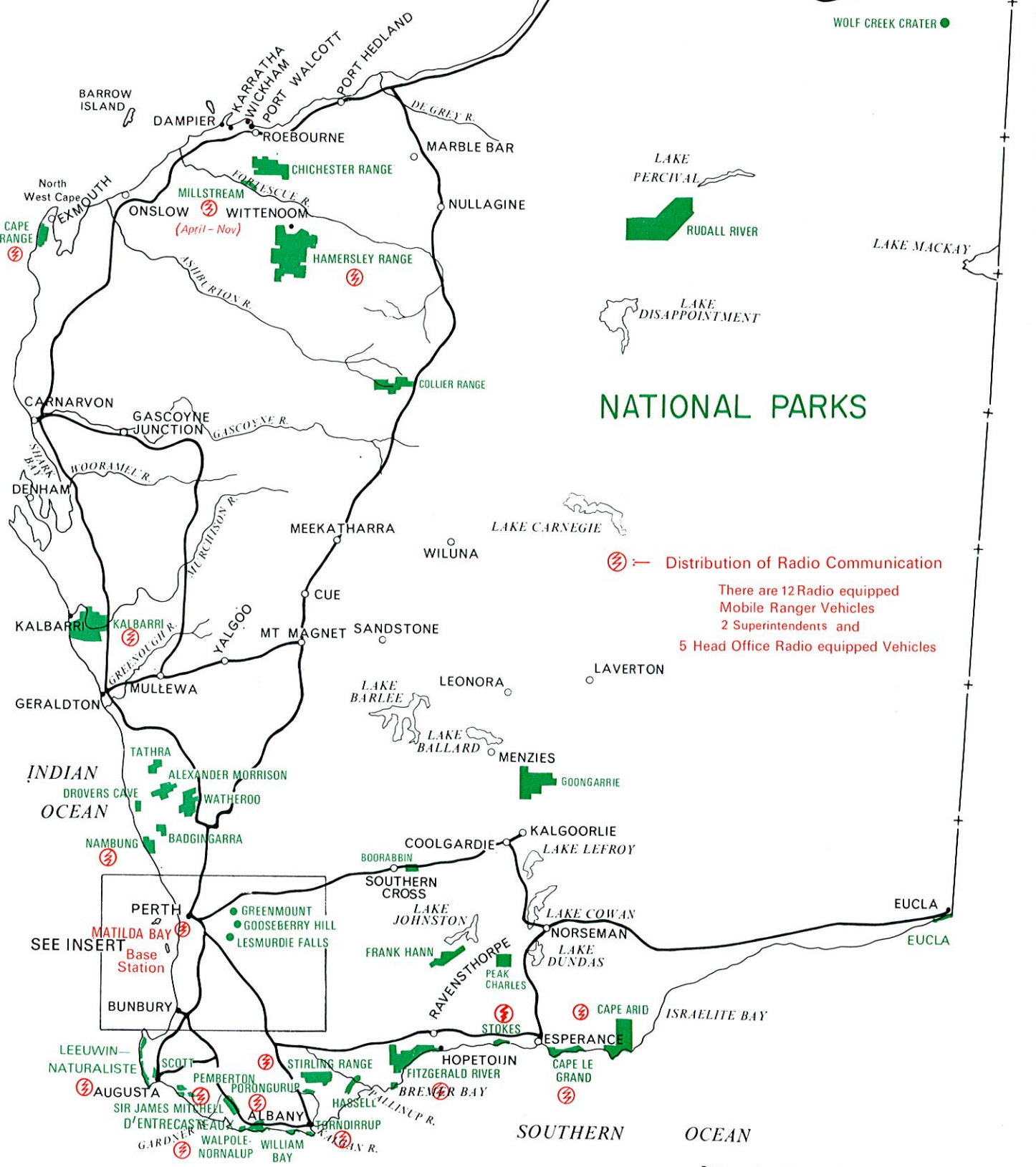
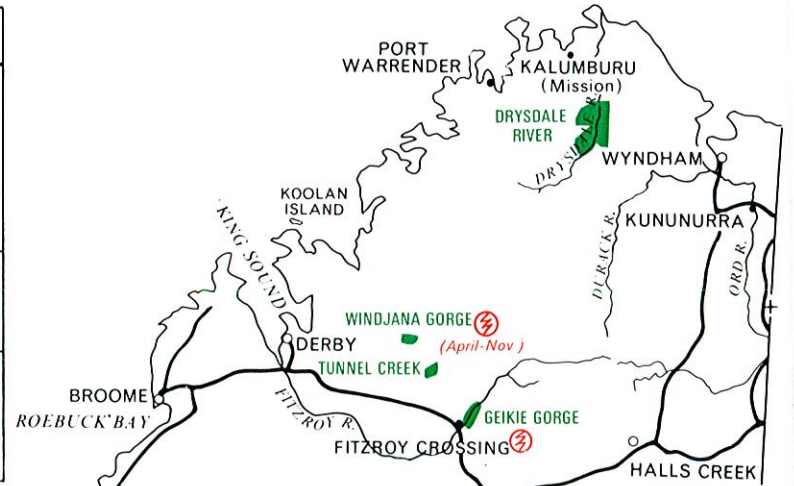
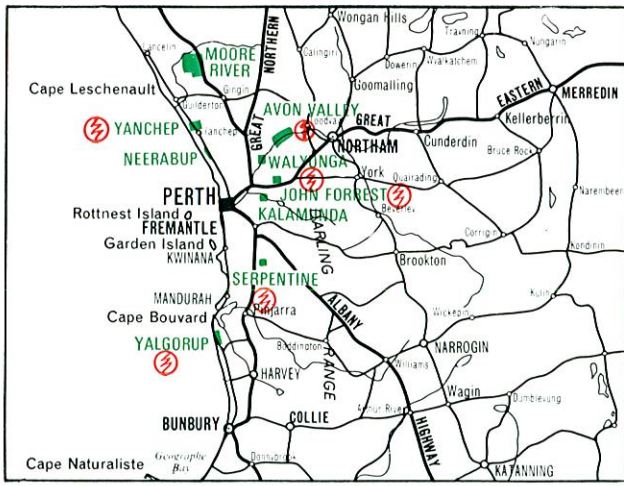
Yalgorup National Park

The land portion of this A Class Reserve of 11 545 hectares was placed under the National Parks Authority's control in January 1968. The lakes were added to the park in September 1971. The park is located on the coastal plain south of Mandurah and contains a system of parallel lakes which are noted for their birdlife. It possesses delightful heath and woodland scenery, interesting geological features and also is noted for its flora and animal life. The Ranger resides in the park.

Yanchep National Park

This A Class Reserve of 2 799 hectares, located 51 km north of Perth, was established as a park in 1905. It is a noted tourist attraction containing caves, a swimming pool, golf course, boating, ovals and picnic grounds (barbecues, picnic tables provided, etc.) together with fauna exhibits of koalas, kangaroos, emus and bird aviaries. Accommodation is provided by the Yanchep Inn (licensed) and McNess Guest House.

Development around the entrance to this park may suggest that large areas have been given over to tourist facilities, but in fact 90 per cent of the Reserve is still maintained in its natural state. Loch McNess provides a haven for a large assortment of water fowl and other birdlife while the surrounding bushland is rich in native flora and fauna. This park with its many facilities for the public is maintained by 20 Ranger Staff.



Base maps by courtesy of Lands and Surveys W.A.

RESERVES

Araluen-Canning Dam Reserve

A small strip of land of 20 hectares, the area lies between the Canning River and McNess Drive and extends from the vicinity of Araluen to the boundary of Canning Dam Water Reserve.

Badgingarra Ranger's Residential Reserve

Reserved for the purpose of a Ranger's residential site in the townsite of Badgingarra.

Cape Le Grand Ranger's Residential Reserve

Reserved for the purpose of Ranger's residential site in Esperance.

Charles Gardner Flora Reserve

An A Class Reserve of 792 hectares. It is an area of outstanding botanical interest and is located south of Tammin.

East Perth Cemetery Reserve

An A Class Reserve of about 5 hectares. This area is situated on high ground at the eastern end of the City of Perth and is the last resting place of many of the State's early pioneers.

Fitzgerald River Ranger's Residential Reserve

Reserved for the purpose of Ranger's residential site in Jerramungup.

Geekabee Hill Flora Reserve

A small area of 4 hectares reserved for the protection of flora (Lambstails).

Geikie Gorge Ranger's Residential Reserve

Reserved for the purpose of Ranger's residential site in Fitzroy Crossing.

Haddleton Flora Reserve

An area comprising 1 325 hectares, reserved for protection of Boronia and other flora. It is located south of the Wellington Dam Catchment area in the south-west of the State.

Kalbarri Ranger's Residential Reserves and Workshop Reserve

Reserved for the purposes of housing and workshop sites at Kalbarri.

Keane's Point Reserve

A small Class A Reserve of about 2 hectares, leased to the Royal Freshwater Yacht Club Inc., which has established excellent aquatic facilities there.

Matilda Bay Reserve

Class A Reserve of about 23 hectares situated about 5 km from Perth. This Reserve now contains the Administrative Headquarters of the National Parks Authority. Improvements to access roads, parking area and public boat launching ramps in recent years have enhanced the appearance and utilisation of this Reserve by the Public.

The Royal Perth Yacht Club Inc., Mounts Bay Sailing Club Inc., Perth Dinghy Sailing Club Inc. the Governors of Hale School and the 1st Pelican Point Sea Scouts Group lease sites on this Reserve whilst the University of Western Australia Rowing Club occupies a boatshed on the foreshore. These Clubs and the Sea Scouts are making worthwhile contributions towards providing facilities for the enjoyment of aquatic sports on the Swan River.

Nambung Rangers' Residential Reserve

Reserved for the purpose of Rangers' Headquarters in Cervantes.

Nowergup Lake Fauna Sanctuary

An A Class Reserve of 117 hectares reserved as a sanctuary for fauna.

Old Mill Reserve, South Perth

A small Reserve of about 0.2 hectares located at the South Perth end of the Narrows Bridge. The area is leased to the firm of H.L. Brisbane and Wunderlich Ltd., who arranged restoration of the Old Mill and cottage and established a historical museum on the site.

Reserve East of Porongurup Ranges

An A Class Reserve comprising 61 hectares located 40 km north of Albany. Reserved for flora protection.

Penguin Island Reserve

An A Class Reserve of 13 hectares which is situated about 48 km south of Perth and 1.6 km offshore near Safety Bay. It is a sanctuary for penguins and a portion of the Island is leased as a holiday centre.

Walpole Golf Course Reserve

A Reserve of about 14 hectares, this area was excised from the Walpole-Nornalup National Park in February, 1964 for a local golf course.

Walpole Yacht Club Reserve

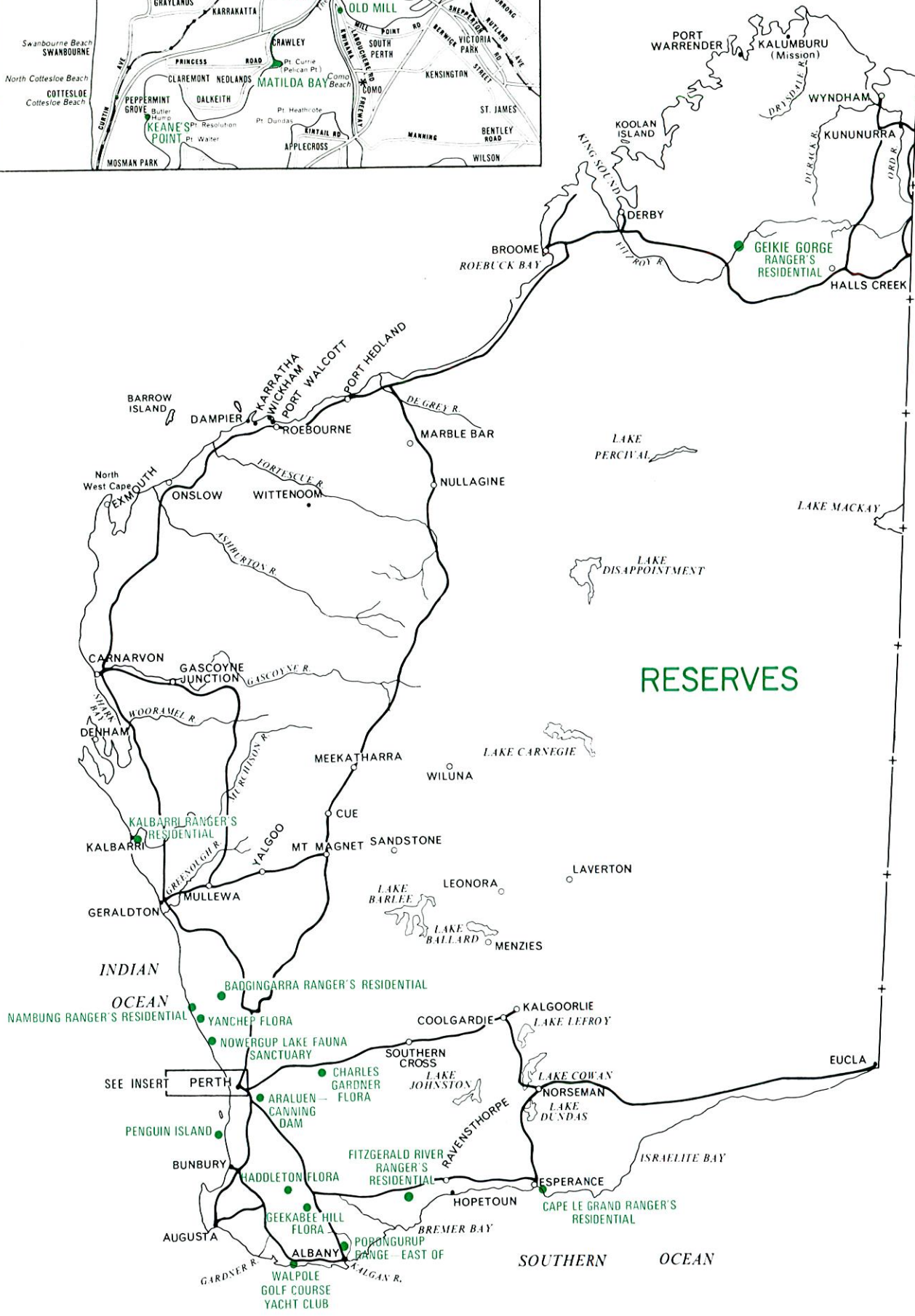
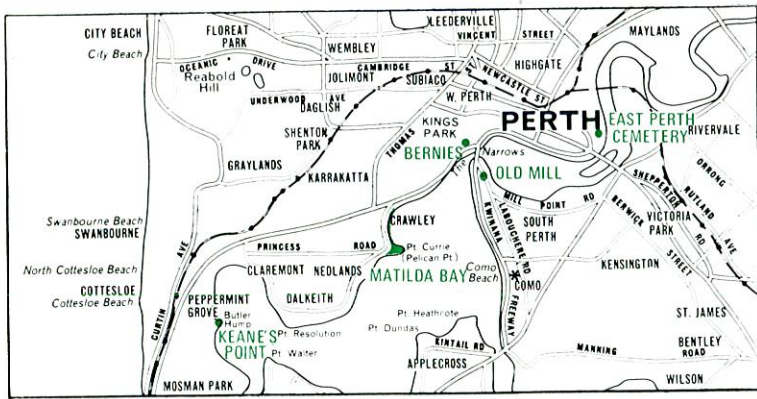
An area of about 0.8 hectares excised from the Walpole-Nornalup National Park in February 1964 for a Yacht Club Site. Leased to the Walpole Yacht Club.

Yanchep Flora Reserve

Comprises Class A Reserve of 113 hectares, situated 48 km north of Perth and reserved for the protection of flora and has been left in its natural state.

Small Part of Reserve A.1720 King's Park

An area of 0.4 hectares, this site is leased for the purpose of a refreshment kiosk, Bernies.



Base maps by courtesy of Lands and Surveys W.A.