



NATIONAL PARKS BOARD
ANNUAL REPORT 1970-71

OF WESTERN
AUSTRALIA



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1970-71

**OF WESTERN
AUSTRALIA**

National Parks Board

(Report by the Acting President Mr. C. F. H. Jenkins, M.A.)

On behalf of the National Parks Board of Western Australia, I herewith present the annual report for the year ended the 30th June, 1971.

BOARD MEMBERSHIP

Membership at the 30th June, 1971 comprised the following:—

C. F. H. Jenkins, M.A., A.I.A.S. Acting President

C. R. Bunning, C.B.E., B.C.E., A.M.I.E.

C. R. L. Gibson, A.A.S.A., J.P.

J. E. Lloyd, F.T.P.I.

J. F. Morgan, L.S., F.I.S.(Aust.), M.A.I.C.

R. D. Royce, B.Sc. (Agric.).

The finance Committee comprised Messrs. Jenkins and Gibson.

ADMINISTRATIVE OFFICERS

Managing Secretary—H. E. Bancroft, A.A.S.A., A.C.I.S. retired on the 7th May, 1971. I wish to record my own and the Board's appreciation of the work carried out by Mr. Bancroft during his term as Managing Secretary.

Acting Managing Secretary—H. R. Gorringe.

Acting Administrative Assistant—W. J. Savell, A.F.P.A.A.

OBITUARY

It is with deep regret that I record the death of the President, Mr. R. J. Bond, I.S.O., who died following a short illness on 27th July, 1970. After retiring from a long and distinguished career in the Public Service, Mr. Bond was appointed President of the National Parks Board in 1965, where his warm personality, efficiency and enthusiasm contributed greatly to the smooth running and expansion of the Board's activities. Members have experienced a sense of deep personal loss and extend their sincere sympathy to Mrs. Bond and family.

MINERAL CLAIMS

For a number of years there has been concern at the threat posed to National Parks by mining activities. The Board considers that it is quite incongruous that while Parliament creates reserves "A" Class, and the instrument of vesting declares "that they shall be held for the protection of flora and fauna, the natural scenic beauty and use and enjoyment by the people", the National Parks Board may have to defend each mining claim in a Wardens Court and establish why the reserve should not be subjected to destructive mining activities.

The Board submitted evidence to the Mining Tribunal which sat during 1970 and considers that, if implemented, the resulting recommendations should do much to ensure the protection of National Parks and other special reserves.

The Board is also hopeful of further support from the recently established Department of Environmental Protection and the associated legislation.

RESERVES

New Vestings

The following new areas were placed under this Board's control during the year:

National Parks

Alexander Morrison National Park—Class "A" reserve of 21,014 acres, located North-west of Jurien Bay.

Avon Valley National Park—Class "A" reserve of 10,754 acres located on the Avon River.

Tathra National Park—Class "A" reserve of 10,761 acres located near Watheroo.

William Bay National Park—Class "A" reserve of 4,644 acres located between Walpole and Albany.

National Park South-east of Stirling Range National Park—Class "A" reserve of 3,161 acres.

Other Reserves—

Cowaramup Bay Reserve—Class "A" reserve of 167 acres located South of Yallingup.

Yallingup Reserves—Class "A" reserves of 4,659 acres located near Yallingup.

Amendments to Areas of Existing Reserves

John Forrest National Park—reduced by 3 acres through the widening of the Great Eastern Highway.

Kalbarri National Park—increased by 7,145 acres through the addition of reserves 643, 655 and 13397 (Vic. Loc. 10636) and resumed portion of Pastoral Lease 393/520.

Lesmurdie Falls National Park—increased by 5 acres through the addition of Canning Loc. 2310 and 2311.

Sir James Mitchell National Park—reduced by 15 acres through widening of the road.

Torndirrup National Park—increased by 31 acres through the addition of Reserve 28232 Natural Bridge and The Gap.

Walyunga National Park—increased by 320 acres through the addition of Reserve 2065.

Chichester Range National Park—reduced by 320 acres through the excision of De Witt Loc. 61 and 62.

Hamelin Bay Reserve—increased by 1,697 acres through the addition of Sussex Locs. 4545 and 4546.

Naming of National Parks and Other Reserves—

The following National Parks and Other Reserves were officially named during the year—

Alexander Morrison National Park

Avon Valley National Park

Chichester Range National Park

Frank Hann National Park

Gooseberry Hill National Park

Moore River National Park

Tathra National Park

Watheroo National Park

William Bay National Park

Cowaramup Bay Reserve

Reserves vested in the Board as at the 30th June, 1971

<i>National Parks</i>		<i>Acres</i>
1. Alexander Morrison	....	21,014
2. Avon Valley	....	10,754
3. Cape Arid	....	642,000
4. Cape Le Grand	....	54,876
5. Cape Range	....	33,171
6. Chichester Range	....	372,163

7. Frank Hann	....	64,480
8. Geikie Gorge	....	7,750
9. Gooseberry Hill	....	81
10. Greenmount	....	127
11. Hamersley Range	....	1,458,430
12. John Forrest	....	3,903
13. Kalamunda	....	919
14. Kalbarri	....	365,145
15. Lesmurdie Falls	....	86
16. Moore River	....	26,030
17. Nambung	....	39,991
18. Neerabup	....	2,785
19. Porongurup	....	5,531
20. Serpentine	....	1,571
21. Sir James Mitchell	....	2,702
22. Stirling Range	....	285,874
23. Tathra	....	10,761
24. Torndirrup	....	8,905
25. Walpole-Nornalup	....	33,007
26. Walyunga	....	4,320
27. Watheroo	....	76,646
28. William Bay	....	4,644
29. Yalgorup	....	9,891
30. Yanchep	....	6,894

Other National Parks Not yet Officially named

31. National Park near Porongurup Range	....	150
32. National Park South-east of Stirling Range National Park	....	3,161
		<hr/>
		3,557,762

Other Reserves

33. Albany Boronia	....	112
34. Araluen—Canning Dam	....	50
35. Cowaramup Bay	....	167
36. East Perth Cemetery (Disused)	....	12
37. Haddleton Flora	....	406
38. Hamelin Bay	....	2,063
39. Kalbarri Ranger's Residential Lots	....	$\frac{1}{2}$
40. Keane's Point	....	6
41. Matilda Bay	....	57
42. Nambung Ranger's Residential Lots	....	1
43. Nowergup Lake Fauna Sanctuary	....	288
44. Old Mill, South Perth	....	$\frac{1}{2}$
45. Penguin Island	....	31
46. Tammin Flora	....	1,441
47. Walpole Flora	....	228
48. Walpole Golf Course	....	35
49. Walpole Ranger's Residential Lot	....	$\frac{1}{4}$
50. Walpole Yacht Club	....	2
51. Wolf Creek Meteorite Crater	....	3,607
52. Yallingup Reserves	....	4,659
53. Yanchep Flora	....	439
54. Small Portion of King's Park (Bernies)	....	1

Total Acres 3,571,369

General Vesting of Reserves

All National Parks within this State are not vested in the Board and many of them are of insufficient size to justify giving them "National Park" status.

Many of them are classified "National Parks" under the broad heading of Lands Department Reserves.

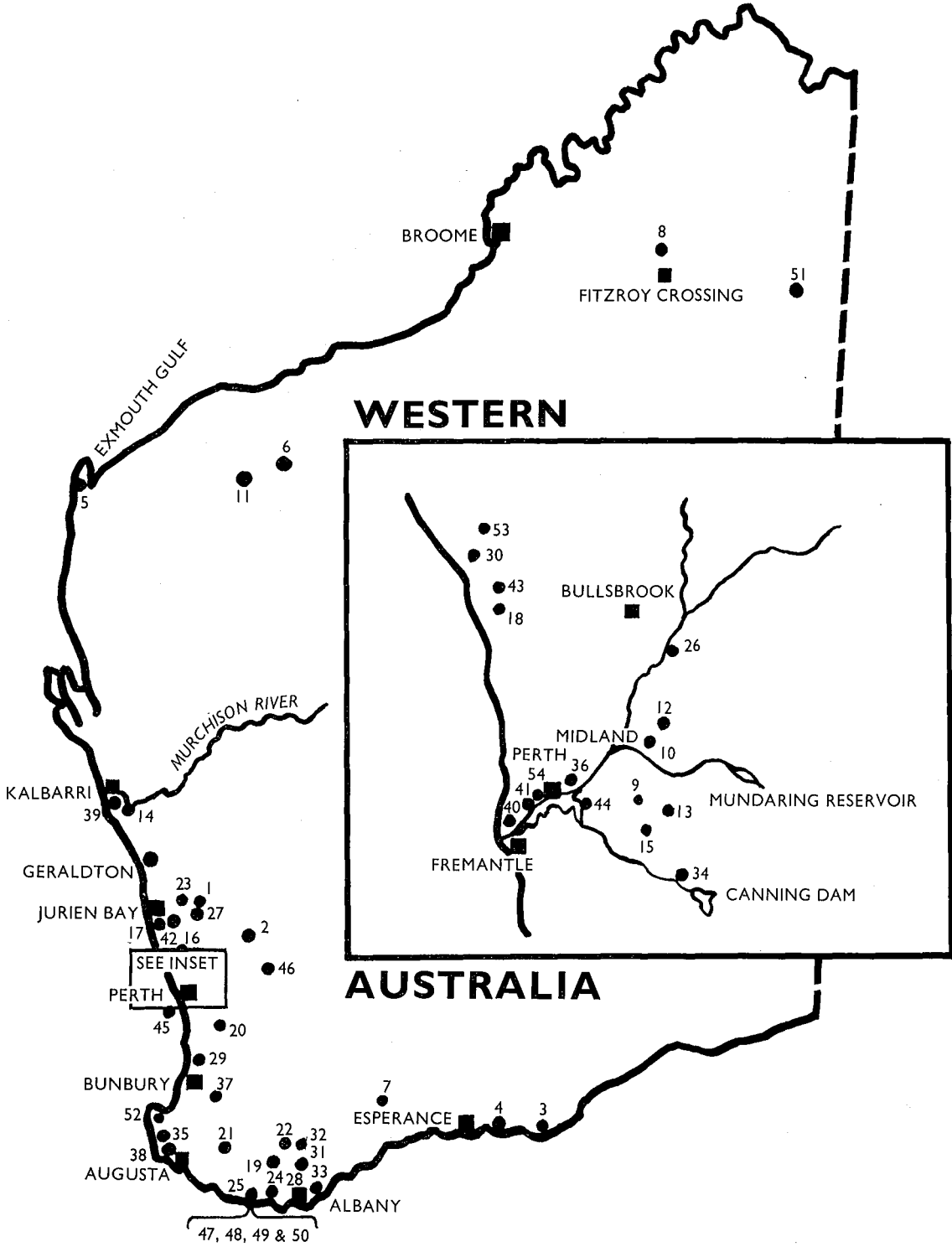
NATIONAL PARKS

1. ALEXANDER MORRISON
2. AVON VALLEY
3. CAPE ARID
4. CAPE LE GRAND
5. CAPE RANGE
6. CHICHESTER RANGE
7. FRANK HANN
8. GEIKIE GORGE
9. GOOSEBERRY HILL
10. GREENMOUNT
11. HAMERSLEY RANGE
12. JOHN FORREST
13. KALAMUNDA
14. KALBARRI
15. LESMURDIE FALLS
16. MOORE RIVER
17. NAMBUNG
18. NEERABUP
19. PORONGURUP
20. SERPENTINE
21. SIR JAMES MITCHELL
22. STIRLING RANGE
23. TATHRA
29. TORNDIRUP
25. WALPOLE-NORNALUP
26. WALYUNGA
27. WATHEROO
28. WILLIAM BAY
29. YALGORUP

30. YANCHEP
31. NATIONAL PARK NEAR PORONGURUP RANGE
32. NATIONAL PARK SOUTH-EAST OF STIRLING RANGE NATIONAL PARK

OTHER RESERVES

33. ALBANY BORONIA
34. ARALUEN-CANNING DAM
35. COWARAMUP BAY
36. EAST PERTH CEMETERY (DISUSED)
37. HADDLETON FLORA
38. HAMELIN BAY
39. KALBARRI RANGER'S RESIDENTIAL LOTS
40. KEANE'S POINT
41. MATILDA BAY
42. NAMBUNG RANGER'S RESIDENTIAL LOT
43. NOWERGUP LAKE FAUNA SANCTUARY
44. OLD MILL, SOUTH PERTH
45. PENGUIN ISLAND
46. TAMMIN FLORA
47. WALPOLE FLORA
48. WALPOLE GOLF COURSE
49. WALPOLE RANGER'S RESIDENTIAL LOT
50. WALPOLE YACHT CLUB
51. WOLF CREEK METEORITE CRATER
52. YALLINGUP RESERVES
53. YANCHEP FLORA
54. SMALL PORTION OF KINGS PARK (BERNIES)



It is felt that eventually all important national parks should be vested in this Board in order that a common policy of control, management and protection may be adopted.

The appointment of a Reserves Advisory Council has played an important part in the growth of national parks and other reserves and it is expected that further progress will be made following the establishment of an Environmental Protection Authority.

Classification of Reserves

Most of the reserves placed under the Board's control are classified "A" Class. It is hoped that eventually all reserves will be classified "A" Class.

GENERAL POLICY AND PLANNING

The Board's general policy in relation to areas placed under its control is:—

"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 for the purpose of promoting the use and enjoyment of them by the public."

Members of the Board have visited many areas to familiarise themselves with their features and problems and co-operation has continued with local authorities in many parts of the State.

FINANCE

A comparative summary of receipts and payments for the past two years follows and it should be noted that those relating to the year under review are subject to audit. The Board recognises the sympathetic consideration given by the Treasury to its requests for financial assistance, which grow each year in proportion to the rising costs of administration and the increasing number of national parks for which the Board is responsible.

RECEIPTS

1969-70		1970-71	
\$	\$	\$	\$
National Parks and Other Reserves—			
14,186	Rents—General	14,916	
5,071	John Forrest National Park	5,544	
68	Matilda Bay Reserve	35	
1,888	Serpentine National Park	2,306	
2,248	Walpole-Nornalup National Park	2,741	
725	Walyunga National Park	4,014	
49,060	Yanchep National Park	51,679	
58	Other National Parks and Reserves	39	
73,304		81,274	
Other Receipts—			
335	Sundry Receipts	164	
550	Sale of Surplus Assets		
13,049	Refunds and Suspense	16,232	
5,984	Swan River Conservation Board (Cont)		
	Wishing Well	656	
19,918		17,052	
Grants—			
271,000	Treasury	312,000	
1,033	Tourist Development Authority		
272,033		317,000	
365,255		415,326	
—384	Opening Balance	—2,974	
\$364,871		\$412,352	

The chief increases in receipts were recorded for Treasury Grant. Walyunga National Park, Yanchep National Park, General Rents in that order.

PAYMENTS

1969-70		1970-71	
\$	\$	\$	\$
Administrative Expenses—			
9,625	Head Office Expenses	5,408	
25,067	Head Office Salaries	37,811	
2,120	Workers' Compensation and Public Liability Insurance	2,197	
2,826	Contributions to Staff Endowment Fund	3,304	
2,648	Payroll Tax	3,349	
42,286		52,069	
National Parks and Reserves—			
126,481	Wages	148,426	
45,002	Operating and Maintenance Costs	49,121	
125,752	Improvements, including buildings new vehicles, plant, equipment and bush fire control	133,166	
5,235	Walyunga National Park—Purchase Instalment	5,127	
302,470		335,840	
Other Payments—			
4,416	Sundry Payments	7,618	
12,689	Refunds and Suspense	15,492	
5,984	Swan River Conservation Board (Cont)		
	Wishing Well	555	
23,089		23,665	
367,845		411,574	
—2,974	Closing Balance	778	
\$364,871		\$412,352	

There was a general upward trend in expenditure resulting mainly from increased salaries and wages, additions to staff and equipment, as well as Long Service Leave and Retiring Allowance commitments.

BOARD CONSTITUTION AND BY-LAWS

The National Parks Board of Western Australia was appointed under the provisions of the Parks and Reserves Act, 1895-1963 and its powers are defined in that Act, including the power to make by-laws. Formerly the State Gardens Board administered the reserves until reconstituted the National Parks Board of Western Australia as a body corporate by a Proclamation dated the 4th April, 1956 and published in the Government Gazette of the 13th April, 1956.

The current by-laws were approved and published in the Government Gazette of the 29th May, 1963 and amendments have been published in the Government Gazettes of the 22nd December, 1964, 10th June, 1965 and 17th December, 1968.

ROADS GENERALLY

The Main Roads Department continues to assist financially and give practical help on road construction and improvements within National Parks and Reserves.

National Parks and Reserves which have benefited from the assistance during 1970/71 are as follows—

Stirling Range National Park
Cape Le Grand National Park
Kalbarri National Park
Walyunga National Park
Serpentine National Park
Yanchep National Park, and
Matilda Bay Reserve.

FIRE CONTROL, ACCESS ROADS AND FIRELINES

The Board continued with its policy of providing firebreaks and access tracks (principally for fire control purposes) in national parks with particular emphasis on the Stirling Range, Watheroo, Porongurup and Walpole-Nornalup National Parks. \$15,605 was spent during 1970/71 on this work.

It is appropriate at this time to mention the valuable assistance rendered to the Board by the Forests Department, Local Bush Fire Brigades and the Bush Fires Board in the work of maintaining bush fire control in national parks.

BUSH FIRE CONTROL EQUIPMENT

Firefighting units comprising 200 gallon fibre glass tanks and pumping equipment were supplied to Nambung, John Forrest and Yanchep National Parks. Also tractors were supplied to Yanchep and Kalbarri National Parks mainly for firebreak and internal road use.

Besides the above 200 gallon H.D. water tanks were supplied for placing in strategic positions for firefighting purposes as follows—

- 10 Stirling Range National Park
- 4 Kalbarri National Park

BUSH FIRES

Nine bush fires occurred within national parks during the year; areas of more than 200 acres burnt were as follows—

Kalbarri National Park 98,000 acres caused by lightning strikes.

Stirling Range and Nambung National Parks 3,500 and 8,000 acres respectively. These fires were caused by illegally lit camp fires.

Cape Range National Park 1,600 acres, this fire entered from a property outside the park.

CONTROLLED BURNING

In the interest of flora regeneration and to minimize danger to wildlife controlled burning is carried out in national parks and reserves during the Autumn months.

These burns are organised sectionally and are usually rotated over a five year period.

The following burns were carried out during the year.

	Acres
Walyunga National Park	370
Watheroo National Park	16,000
Yanchep National Park	478
Neerabup National Park	475
Lake Nowergup Fauna Sanctuary	160
John Forrest National Park....	750
Walpole-Nornalup National Park	350
Stirling Range National Park	5,000
Nambung National Park	2,500
Moore River National Park	500

SIGN POSTING OF NATIONAL PARKS AND RESERVES

During the year, timber entrance signs have been erected in the following national parks and reserves, Hamersley Range (3), Gooseberry Hill (1) National Parks and at the National Parks Board Headquarters, Matilda Bay Reserve.

Besides the above expenditure signs erected mainly for the protection of parks and the flora and fauna within them amounted to \$3,145.

MAJOR IMPROVEMENTS

The main improvement works undertaken during the year were:

The establishment of a new Ranger's residence at Nambung and the purchase of a residence in Wittenoom for use by the Ranger attached to the Hamersley Range National Park.

The transfer of a toilet block to John Forrest National Park and the establishment of a second toilet block at Walyunga National Park.

The purchase of a further staff house from the Forests Department for use by Yanchep staff. Improvements to the water supply were made at Yanchep National Park and the entrance roads and boat launching ramp were upgraded at Matilda Bay Reserve.

NEW VEHICLES, PLANT AND EQUIPMENT

Four wheel drive vehicles were acquired for the Mobile Ranger No. 2, Hamersley Range National Park and Nambung National Park. Diesel tractors were purchased for Yanchep and Kalbarri National Parks, also a caravan for use by the Hamersley Range National Park ranger.

Firefighting units were obtained for Nambung, John Forrest and Yanchep National Park.

A compressor unit was purchased for Kalbarri National Park, a lighting plant for Nambung National Park and a cement mixer for Walyunga National Park. Also a lawn edger was acquired for East Perth Cemetery.

PURCHASE OF PARKLANDS

A further annual instalment of \$5,127 was met during the year in connection with the purchase of the land acquired for establishment of the Walyunga National Park. It is anticipated that the final payment will be made in 1983.

STANDARD BARBECUE FIREPLACES AND PICNIC TABLES

During the year the Board continued to place barbecue fireplaces and picnic tables in national parks throughout the State. The total expenditure on these public facilities for the year was \$4,255.

RANGER TRAINING

Mr. P. Congreve, Superintendent, Yanchep National Park attended a Ranger's Training School conducted by the National Parks and Wildlife Service of New South Wales at Katoomba, N.S.W. in September, 1970.

DONATIONS FROM WISHING WELL

During the year an amount of \$555 was collected from the Yanchep National Park wishing well and distributed to charitable institutions.

HISTORICAL PLAQUES

Approval for one grant was given during 1970/71 this being \$40 to the Albany Historical Society as part cost of erecting a plaque of historical significance at the Residency, Albany.

VANDALISM AND BREACHES OF BY-LAWS

Several acts of vandalism and breaches of by-laws were recorded during the year.

The painting of names on rocks, the driving of cars on the Yanchep Golf Course greens and fairways, together with the throwing of litter, cans, etc. were the main infringements.

POLLUTION

On the 4th April, 1971 oil pollution was reported at Penguin Island and I wish to acknowledge the voluntary support of the public in helping to clean the beaches, the work carried out by

Miss Lexie Nicholls in treating penguins effected by oil and the full co-operation of the local Authority and various Government Departments.

This prompt action possibly prevented a high death rate amongst many sea birds.

ALGAE CONTROL

Due to the co-operation existing between the Swan River Conservation Board and this Board, the foreshore of the Matilda Bay Reserve has been kept in a clean and algae free state thus providing a pleasant swimming area.

SPRINGTIME WILDFLOWER WALKS

Visitors to Yanchep and John Forrest National Parks may take part in conducted wildflower walks if they so desire and centrally located wildflower beds in these parks are name plated for their information.

RANGER STAFF

The following is a list of Superintendents and ranger staff employed by the National Parks Board as at the 30th June, 1971.

Yanchep National Park

P. Congreve, Superintendent
J. H. Hill, Assistant Superintendent
Three Rangers, Grade 4
Thirteen Rangers, Grade 5

John Forrest National Park

G. R. Edwards, Superintendent
One Ranger, Grade 4
Six Rangers, Grade 5

Matilda Bay Reserve

D. R. Hill, Ranger-in-Charge, Grade 4
Three Rangers, Grade 5

Kalbarri National Park

C. Cockman, Ranger-in-Charge, Grade 1
One Ranger, Grade 3

Stirling Range National Park

J. Andrews, Ranger-in-Charge, Grade 1
One Ranger, Grade 3

Walpole-Nornalup National Park

L. G. Gunson, Ranger-in-Charge, Grade 1
One Ranger, Grade 3

Walyunga National Park

J. H. Rose, Ranger-in-Charge, Grade 2
One Ranger, Grade 3

Hamersley Range National Park

D. Lake, Ranger-in-Charge, Grade 2

Nambung National Park

A. J. Passfield, Ranger-in-Charge, Grade 2

Mobile Rangers

N. Walmsley, Ranger, Grade 1
C. Pearson, Ranger, Grade 1

HONORARY RANGERS

The following is a list of honorary rangers as at the 30th June, 1971 whose help in assisting the patrol and supervision of the National Parks concerned is greatly appreciated.

W. Chitty, Avon Valley National Park.
W. Kirwan and W. B. Lawrence, Cape Le Grand National Park.

D. Bathgate and B. A. Sutton, Cape Range National Park.

T. Carlson, C. Bell, D. Bell and R. Bell, Geikie Gorge National Park.

E. G. McGuire, Hamersley Range National Park.

A. Dennett, John Forrest National Park.

R. Glass, Kalbarri National Park.

W. J. Bradley and J. H. Turner, Nambung National Park.

E. T. Hancock, Stirling Range National Park.

R. H. Freeman, Torndirrup National Park.

L. Carroll, Yalgorup National Park.

Dr. D. L. Serventy and T. E. Hennessey, Gooseberry Hill National Park.

E. M. Johnson, Hamelin Bay Reserve.

B. Raven and K. Chamberlain, Penguin Island Reserve.

B. J. McCarthy, Lesmurdie Falls National Park.

R. A. Baldwin, Serpentine National Park.

ACKNOWLEDGEMENTS

The Board appreciated the professional advice and practical help given by Officers of various Government Departments and Organisations including the Agriculture Department, Bush Fires Board, Crown Law Department, Fisheries and Fauna 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 and others. In addition to utilising the services of the Landscape Section of the Public Works Department, Messrs. R. J. Ferguson and Associates, Architects have been retained in planning and supervision of individual buildings erected within the parks. Also the co-operation and help of local Shires, Town Councils, Bush Fire Brigades and Zoological Gardens Board—Building Supervisor, Mr. D. S. Davis is acknowledged.

C. F. H. JENKINS,

*Acting President,
National Parks Board of W.A.*

APPENDICES

NATIONAL PARKS AND RESERVES

National Parks are listed first in alphabetical order, followed by other reserves listed in similar order.

APPENDIX A NATIONAL PARKS

ALEXANDER MORRISON NATIONAL PARK

Class "A" Reserve of 21,014 acres comprising Reserves A.29800, A.29803, 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 10,754 acres which came under the control of this Board in August, 1970. It is the intention of the Board to restrict access to this park until full time supervision of the area can be provided.

CAPE ARID NATIONAL PARK

A Class "A" Reserve of 642,000 acres placed under the Board's control in August, 1969. Owing to the lack of good access and its isolation the Board does not intend to develop this area for the time being.

CAPE LE GRAND NATIONAL PARK

An "A" Class Reserve which came under the control of this Board in February, 1966. In June, 1970 the area was increased to a total of 54,876 acres. It is located on the South Coast about 20 miles East of Esperance. This area is serviced by a Mobile Ranger during busy periods i.e. Christmas holidays, and at other times by W. Lawrence an Honorary Ranger for the National Parks Board.

CAPE RANGE NATIONAL PARK

Placed under the Board's control in October, 1965. Comprises about 33,171 acres located in the Cape Range near Exmouth. The assistance of Col. J. K. Murdoch, Civil Commissioner of Exmouth in administration of this park is gratefully acknowledged.

CHICHESTER RANGE NATIONAL PARK

This "A" Class Reserve placed under the control of the Board in November, 1969, comprises 372,163 acres of great scenic beauty. The area is located South of Roebourne and is serviced by a Ranger recently appointed to control the Hamersley Range National Park.

FRANK HANN NATIONAL PARK

Placed under the Board's control in May, 1970, this area of 64,480 acres comprises a strip of land one mile wide on each side of the Lake King-Norseman Road.

GEIKIE GORGE NATIONAL PARK

Placed under the Board's control in June, 1967, this area of 7,750 acres comprises a strip of land two miles wide situated about 10 miles from Fitzroy Crossing, having as its centre the line of the Fitzroy River.

GOOSEBERRY HILL NATIONAL PARK

Placed under the Board's control in February, 1970, it is a scenic lookout of 81 acres located on the western edge of the Darling Range escarpment a few miles from Kalamunda.

GREENMOUNT NATIONAL PARK

An area of 127 acres placed under the Board's control in April, 1959 for its panoramic views of the coastal plain, Swan River, Perth and its suburbs.

HAMERSLEY RANGE NATIONAL PARK

Placed under the Board's control in October, 1969. This is the largest single national park under the Board's control comprising an area of 1,458,430 acres. The area is one of spectacular mountains, gorges, water courses and plateaux. Scenic points are Fortescue Falls, Circular Pool, Dales Gorge, Joffre Falls and Red Gorge. A Ranger has recently been placed in charge of this national park with his headquarters at Wittenoom. Because of the large area concerned a caravan has been supplied for use in patrolling this park and also Geikie Gorge and Chichester Range National Parks.

JOHN FORREST NATIONAL PARK

This national park is an "A" Class Reserve of 3,722 acres situated in the Darling Range about 17 miles from Perth. An outstanding feature of the park is its wildflower displays during August-October and a natural swimming pool for the enjoyment of the public. Recent improvements include the establishment of an additional toilet block and terraced wildflower gardens at the foot of the main car park.

KALAMUNDA NATIONAL PARK

An "A" Class reserve of 919 acres placed under the Board's control in February, 1964. This area is rich in wildflowers particularly Blue Leschenaultia and it has been the Board's policy to leave it mainly undeveloped.

KALBARRI NATIONAL PARK

Placed under the Board's control in November, 1963. This "A" Class reserve of 365,145 acres is quickly becoming one of this State's most popular national parks. Located some 400 miles north of Perth near the mouth of the Murchison River, the park has outstanding gorge scenery and is relatively close to good accommodation, swimming and fishing facilities at the townsite of Kalbarri.



LESMURDIE FALLS NATIONAL PARK

A small "A" Class reserve of 86 acres which gives good views of the coastal plain. This area is a popular picnic spot situated 15 miles from Perth.

MOORE RIVER NATIONAL PARK

This area of 26,030 acres located about 70 miles north of Perth is outstanding for its wildflowers. It is the Board's intention to leave this area undeveloped.

NAMBUNG NATIONAL PARK

A national park of 39,991 acres situated south of Jurien Bay, this area is becoming increasingly popular because of its wildflowers and strange natural formations "Pinnacles". A number of caves in the area are being kept sealed to protect them from vandalism. These may be opened in the future when sufficient staff is available to supervise public viewing. A Ranger has been appointed to control this and other parks in the area, namely Moore River, Watheroo, Tathra and Alexander Morrison National Parks. His residence is located in the Cervantes townsite.

NEERABUP NATIONAL PARK

Class "A" reserve of 2,785 acres placed under the Board's control in July, 1965. This area located on the Perth-Yanchep road a few miles north of Wanneroo, is being maintained in its natural state.

PORONGURUP NATIONAL PARK

An "A" Class reserve of 5,531 acres. Noted mainly for the fact that it incorporates the Porongurup Range.

SERPENTINE NATIONAL PARK

A Class "A" reserve of 1,571 acres. This park is a popular picnic spot noted for its waterfall.

SIR JAMES MITCHELL NATIONAL PARK

An "A" Class reserve, placed under the Board's control in August, 1969 and consists of an area of 2,702 acres stretching along the South West Highway for a length of 40 miles. As its width is 5 chains 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 285,874 acres. This is a major national park under the Board's control and is situated 200 miles south-east of Perth. This park is noted for its wildflowers and mountain peaks, the highest of which is Bluff Knoll rising 3,520 feet above sea level. The rugged-



ness of the area creates a dangerous fire hazard and because of this the Board has planned extensive firebreaks and employs the assistance of an experienced fire control officer, Mr. Milesi, who advises in control burning and planning of these firebreaks.

TATHRA NATIONAL PARK

An "A" Class reserve of 10,761 acres, placed under the Board's control in July, 1970. The area is noted for its wildflowers and for the present is being maintained in its natural state.

TORNDIRRUP NATIONAL PARK

This reserve comprising an area of 8,905 acres 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 "Natural Bridge".

WALPOLE-NORNALUP NATIONAL PARK

This reserve of 33,007 acres is located on the south coast of Western Australia some 260 miles south-east of Perth. It is an area of great scenic beauty noted for its flora, fauna, fine stands of timber and coastal views. The establishment of a camping and caravan park at Coalmine Beach by the Board has resulted in the area being a popular holiday resort noted for its swimming and fishing.

WALYUNGA NATIONAL PARK

A further instalment of \$5,127 was paid through the year in respect of the purchase of Walyunga National Park, which consists of an area comprising 4,320 acres, located approximately 23 miles north-east of Perth. It is noted for its scenic views and flora and 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 winter have resulted in it becoming one of the most popular picnic spots adjacent to Perth.

WATHEROO NATIONAL PARK

This "A" Class reserve of 76,646 acres was placed under the Board's control in October, 1969. This area is under the control of the Ranger stationed in Cervantes and is considered valuable in the preservation of native flora and fauna.

WILLIAM BAY NATIONAL PARK

Placed under the Board's control in February, 1971, an "A" Class Reserve consisting of 4,644 acres. This area is noted for its flora, fauna and coastal scenery. It is anticipated that facilities for the public (barbecues, picnic tables, toilets, etc.) will be provided in the forthcoming year.

YALGORUP NATIONAL PARK

This "A" Class reserve of 9,981 acres was placed under the Board's control in January, 1968. Situated on the Coast Road between Mandurah and Bunbury, this area is noted for its flora and fauna particularly the birdlife associated with lakes Clifton and Preston. The lake system at present is not included in the national park, but a recent Press Statement by the Premier, Mr. Tonkin, indicated that these lakes will be placed under the Board's control in the near future.

YANCHEP NATIONAL PARK

This "A" Class reserve comprises 6,895 acres located 32 miles North of Perth. It is a noted tourist attraction containing caves, 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), Cloucester Lodge and McNess Guest House. The popularity of the park (73,453 private vehicles for the year 1970/71) has resulted in extensions and improvements to parking areas and access roads.

Development around the entrance to this park may suggest that large areas have been given over to tourist facilities, but in fact 90% 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 whilst the surrounding bushland is rich in native flora and fauna.

APPENDIX B

OTHER NATIONAL PARKS NOT YET OFFICIALLY NAMED

NATIONAL PARK NEAR PORONGURUP RANGE

An "A" Class reserve placed under the Board's control in May, 1970, comprising 149 acres and is located 25 miles North of Albany. This park was vested in the Board for flora protection.

NATIONAL PARK SOUTH-EAST OF STIRLING RANGE

This "A" Class reserve comprising 3,161 acres was placed under the control of the Board in April, 1971. It is located 11 miles South East of the Stirling Range National Park and was vested in the Board for protection of its flora and fauna.

APPENDIX C

OTHER RESERVES

ALBANY BORONIA RESERVE

This "A" Class reserve comprising 112 acres is situated adjacent to Oyster Harbour near Albany. It was placed under the Board's control in January 1964 for the protection of Boronia. Owing to a recent application there is a strong possibility that the board may recommend that this area be re-vested in the Shire of Albany as a tourist attraction.

ARALUEN-CANNING DAM RESERVE

A small strip of land of 50 acres, 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.

COWARAMUP BAY RESERVE

An "A" Class Reserve comprising 167 acres, placed under the control of the Board in February, 1971 for the protection of caves and flora.

EAST PERTH CEMETERY RESERVE

A Class "A" Reserve of about 12 acres, placed under the control of the Board in April-May, 1934. 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.

HADDLETON FLORA RESERVE

An area comprising 405 acres, placed under the control of the Board in January, 1970 for protection of Boronia and other flora. It is located South of the Wellington Dam Catchment area in the South West of the State.

HAMELIN BAY RESERVE

This "A" Class Reserve consisting of 2,063 acres is situated in the South-west of the State 10 miles from Augusta. This area includes a popular camping area providing good fishing and swimming. Part of the Reserve, 10 acres is leased as a holiday centre. An item of interest is the remains of an old jetty which was constructed for the loading of timber in the days of sailing ships. Recent additions to this reserve of 1,697 acres, bringing it to its present area, have provided an area for the protection of flora and fauna.

KALBARRI RANGER'S RESIDENTIAL RESERVES

Two reserves were placed under the Board's control in November, 1967 and June, 1969 respectively for housing purposes. A Ranger's house has been built on one and the other is being held as a building site for when a second Ranger is appointed to this large national park.

KEANE'S POINT RESERVE

A small Class "A" Reserve of about 6 acres, leased to the Royal Freshwater Bay Yacht Club Inc. which has established excellent aquatic facilities there.

MATILDA BAY RESERVE

Class "A" Reserve of about 57 acres situated about 3 miles from Perth. This reserve now contains the Admin-

istrative Headquarters of the National Parks Board. Improvements to access roads, parking area and public boat launching ramp during the year has enhanced the appearance and utilisation of this reserve by the public. The Royal Perth Yacht Club Inc., Mounts Bay Sailing Club Inc., Perth 14ft Dinghy Sailing Club, 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 Group are making worthwhile contributions towards providing facilities for the enjoyment of aquatic sports on the Swan River.

NAMBUNG RANGER'S RESIDENTIAL RESERVE

This reserve was placed under the Board's control in June, 1970 for the purpose of Ranger's Headquarters.

NOWERGUP LAKE FAUNA SANCTUARY

An "A" Class reserve of 287 acres placed under the Board's control in October, 1963 as a sanctuary for fauna.

OLD MILL RESERVE, SOUTH PERTH

A small reserve of about $\frac{1}{2}$ acre located at the South Perth end of the Narrows Bridge. The area is leased to the firm of H. L. Brisbane & Wunderlich Ltd. who arranged restoration of the old mill and cottage and established a historical museum on the site.

PENGUIN ISLAND RESERVE

A Class "A" Reserve of 31 acres which is situated about 30 miles South of Perth and one mile off shore near Safety Bay. It is a sanctuary for Penguins and a portion of the Island, about 6 acres, is leased as a holiday centre.

TAMMIN FLORA RESERVE

A Class "A" Reserve of 1,441 acres, placed under the Board's control in August, 1969. It is an area of outstanding botanical interest and is located South of Tammin.

WALPOLE FLORA RESERVE

Comprises an area of 228 acres adjacent to the Walpole-Nornalup National Park. It was placed under the control of the Board in January, 1964 for the conservation of indigenous flora.

WALPOLE GOLF COURSE RESERVE

A Reserve of about 35 acres, this area was excised from the Walpole-Nornalup National Park in February, 1964 for a local Golf Course.

WALPOLE RANGER'S RESIDENTIAL RESERVE

A small reserve of $\frac{1}{4}$ acre, placed under the Board's control in July, 1967 for the purpose of a ranger's residential site.

WALPOLE YACHT CLUB RESERVE

An area of about 2 acres excised from the Walpole-Nornalup National Park in February, 1964 for a Yacht Club site. Leased to the Walpole Yacht Club.

WOLF CREEK METEORITE CRATER RESERVE

A reserve of 3,607 acres situated 65 miles South of Hall's Creek. This reserve was placed under the control of the Board in July, 1969 for the protection of a meteorite crater. This crater is $\frac{1}{2}$ mile wide 160 feet deep with an area of 5 square miles.

RESERVES NEAR YALLINGUP

These "A" Class reserves containing an area of 4,659 acres were placed under the Board's control in January, 1971. These reserves are located near Yallingup and have been vested in the Board for the protection and preservation of a number of caves in the area.

YANCHEP FLORA RESERVES

Comprises all Class "A" reserve, total area being 439 acres. Situated 30 miles North of Perth and placed under the Board's control for the protection of Flora and have been left in their natural state.

SMALL PART OF RESERVE A. 1720 KING'S PARK

An area of one acre, this site is leased for the purpose of a refreshment kiosk.