



OF WESTERN
AUSTRALIA

NATIONAL PARKS BOARD
ANNUAL REPORT 1971-72



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AND CONSERVATION
WESTERN AUSTRALIA



NATIONAL PARKS BOARD OF WESTERN
AUSTRALIA
1971-72

National Parks Board

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

On behalf of the National Parks Board of Western Australia, I herewith present the Annual Report for the year ended 30th June, 1972.

BOARD MEMBERSHIP

Membership at the 30th June, 1972, 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

Acting Managing Secretary—H. R. Gorringe.

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

MINERAL CLAIMS

The Board is still concerned at the threat which mining poses to National Parks, and awaits with interest the results of the mining legislation at present before Parliament.

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.

RESERVES

New Vestings

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

National Parks

Windjana Gorge National Park—Class "A" reserve of 5,273 acres, located north of Tunnel Creek. The area was resumed from the Kimberley Downs Station.

National Park Reserve surrounding Drover's Cave—Class "C" reserve of 6,624 acres.

Other Reserves

Caves Reserve near Cape Hamelin—Class "A" reserve of approximately 1,050 acres, located directly east of Cape Hamelin.

Amendments to Areas of Existing Reserves

National Park Reserve near Cowaramup Bay—increased by 1,717 acres by the inclusion of Reserve A.22673.

Kalbarri National Park—increased by 11,900 acres through the resumption of Pastoral Lease No. 3114/443.

Nambung National Park—increased by 2,844 acres through the resumption of Pastoral Leases 3114/644 and 3114/823.

Porongurup National Park—increased by 9 acres by the inclusion of Porongurup Estate Lot 23.

Watheroo National Park—increased by the addition of 600 acres of vacant Crown Land.

Yalgorup National Park—increased by 12,574 acres by the inclusion of Lakes Clifton and Preston and Wellington Location 4981.

Kalbarri Rangers' Residences—Kalbarri Town-site Lot 196 of 33·6 perches was vested in the Board for the purpose of Ranger's Residence.

Transfer of Vesting

Albany Boronia Reserve—comprising 112 acres. The vesting order was returned to Lands Department.

Besides the above the Minister for Lands has approved the recommended addition of approximately 87,300 acres of the former Yardie Creek Station to the Cape Range National Park.

Naming of National Parks and Other Reserves

The following National Park was officially named during the year—

Windjana Gorge National Park.

Reserves vested in the Board as at the 30th June, 1972

National Parks	Acreage
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	377,045
15. Lesmurdie Falls	86
16. Moore River	26,030
17. Nambung	42,835
18. Neerabup	2,785
19. Porongurup	5,532
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	77,246
28. William Bay	4,644
29. Windjana Gorge	5,273
30. Yalgorup	22,480
31. Yanchep	6,894

Other National Parks Not yet Officially Named

32. National Park—Drover's Cave	6,624
33. National Park—Cowaramup Bay	1,884
34. National Park near Porongurup Range	150
35. National Park near Stirling Range	3,161
	<hr/>
	3,599,477

Other Reserves

36. Araluen—Canning Dam	50
37. Caves Reserve near Cape Hamelin	1,050
38. East Perth Cemetery (Disused)	12
39. Haddleton Flora	406
40. Hamelin Bay	2,063
41. Kalbarri Rangers' Residential Lots	$\frac{1}{2}$
42. Keane's Point	6
43. Matilda Bay	57
44. Nambung Ranger's Residential Lots	1
45. Nowergup Lake Fauna Sanctuary.....	288
46. Old Mill, South Perth	$\frac{1}{2}$
47. Penguin Island	31
48. Tammin Flora	1,441
49. Walpole Flora	228
50. Walpole Golf Course	35
51. Walpole Ranger's Residential Lot	$\frac{1}{4}$
52. Walpole Yacht Club	2
53. Wolf Creek Meteorite Crater	3,607
54. Yallingup Reserves	4,659
55. Yanchep Flora	439
56. Small Portion of King's Park (Bernies)	1
	<hr/>
	14,377

Total Acres 3,613,854

Classification of Reserves

Of the total area vested in the National Parks Board 3,415,890 acres are classified "A" Class, the remainder being classified as "C" Class. It is hoped that eventually all reserves will be given "A" Class classification.

NATIONAL PARKS REVIEW COMMITTEE

This Committee consisting of—

- C. F. H. Jenkins, M.A., A.I.S., Chairman.
- B. K. Bowen, B.Sc., Director Fisheries and Fauna Department.
- F. W. Byfield, A.A.S.A., L.H.A., Under Secretary for Lands.
- R. H. Doig, C.V.O., B.A., Dip.Com., Chairman, Public Service Board.
- J. F. Morgan, L.S., F.I.S.(Aust.), M.A.I.C., Surveyor General.
- B. J. O'Brien, B.Sc., Ph.D.(Physics), Director Environmental Protection Authority.
- D. W. R. Stewart, B.Sc.(Forestry), Dip.For., Conservator of Forests

was appointed by the Hon. Minister to review the control and management of National Parks, flora fauna and other nature reserves in Western Australia.

Following its first meeting, the Chairman was deputed to visit the Eastern States and discuss management structures and legislative procedures adopted in South Australia, New South Wales and Victoria. This report and other submissions are still being considered.

GENERAL POLICY AND PLANNING

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

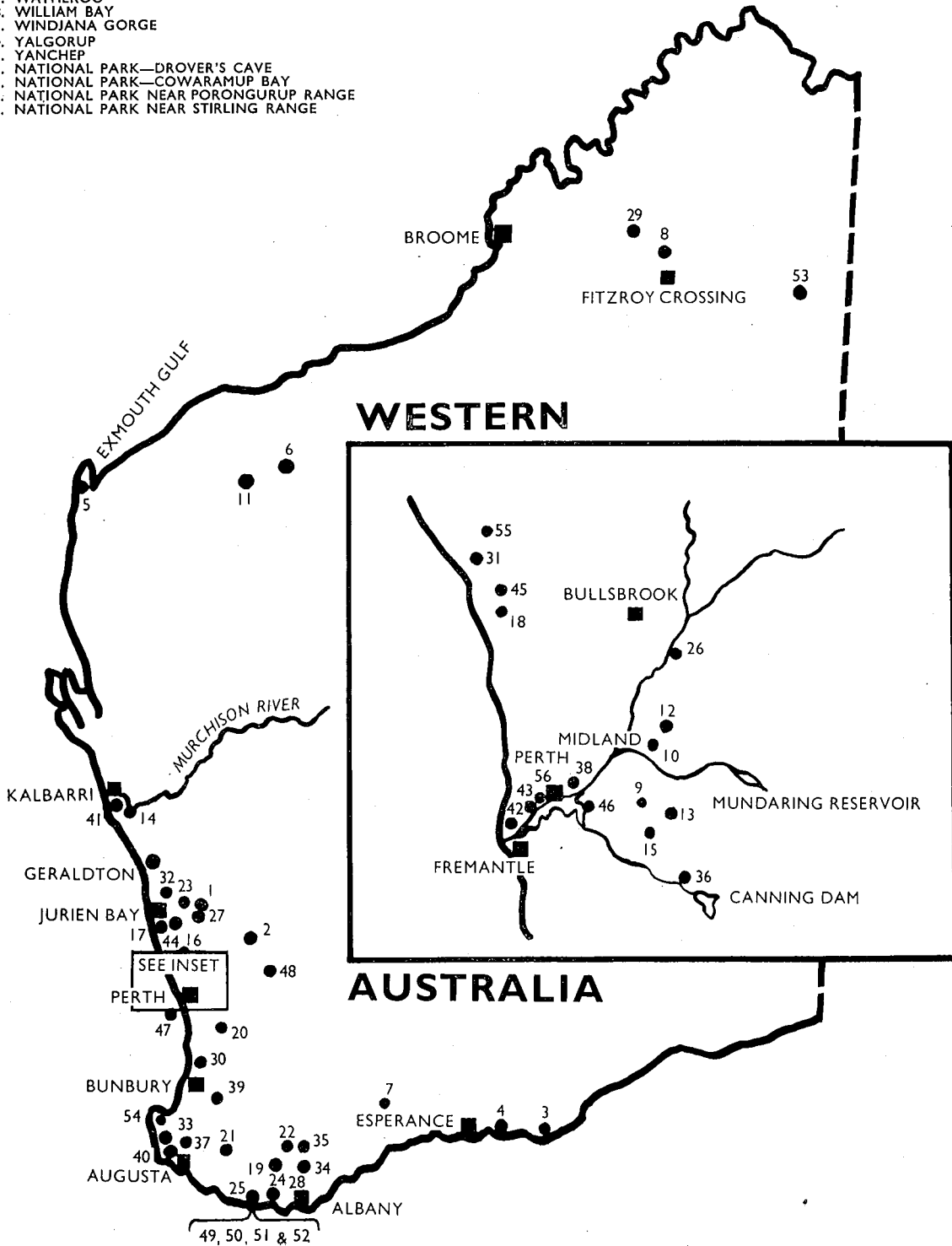
"To so administer the reserves and other lands under its control as to ensure the preservation of their natural beauty, the conservation of

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
24. TORNDIRUP
25. WALPOLE-NORNALUP
26. WALYUNGA
27. WATHEROO
28. WILLIAM BAY
29. WINDJANA GORGE
30. YALGORUP
31. YANCHEP
32. NATIONAL PARK—DROVER'S CAVE
33. NATIONAL PARK—COWARAMUP BAY
34. NATIONAL PARK NEAR PORONGURUP RANGE
35. NATIONAL PARK NEAR STIRLING RANGE

OTHER RESERVES

36. ARALUEN—CANNING DAM
37. CAVES RESERVE NEAR CAPE HAMELIN
38. EAST PERTH CEMETERY
39. HADDLETON FLORA
40. HAMELIN BAY
41. KALBARRI RANGERS' RESIDENTIAL LOTS
42. KEANE'S POINT
43. MATILDA BAY
44. NAMBUNG RANGER'S RESIDENTIAL LOTS
45. NOWERGUP LAKE FAUNA SANCTUARY
46. OLD MILL, SOUTH PERTH
47. PENGUIN ISLAND
48. TAMMIN FLORA
49. WALPOLE FLORA
50. WALPOLE GOLF COURSE
51. WALPOLE RANGER'S RESIDENTIAL LOT
52. WALPOLE YACHT CLUB
53. WOLF CREEK METEORITE CRATER
54. YALLINGUP RESERVES
55. YANCHEP FLORA
56. SMALL PORTION OF KING'S PARK



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."

FIFTH MINISTERIAL CONFERENCE ON NATIONAL PARKS

The Fifth Ministerial Conference on National Parks of Australia was held in the Legislative Council Chambers, Parliament House, Perth, on Friday 20th August, 1971, under the Chairmanship of the Hon. Minister for Lands, Mr. H. D. Evans.

All States and the Commonwealth were represented and an observer was present from New Zealand. Of particular significance was the unanimous concern expressed at the increasing use of dune buggies and other cross-country vehicles and the view that such vehicles should be excluded from National Parks.

Many important papers were presented concerning both scientific and administrative matters. It was decided that such papers would be printed and made available to interested persons.

Delegates were taken on a tour of National Parks adjacent to Perth on Thursday 19th August, 1971.

Although the National Parks Board does not directly employ its own scientific staff, it co-operates with appropriate Government Departments, such as the Museum, the University, the Department of Agriculture and the Forests Department, to encourage and, where appropriate, subsidise scientific work in National Parks.

To ensure high priorities with regard to botanical services, the Board subsidises the salary vote of the Department of Agriculture to the value of one botanist.

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

1970-71		1971-72	
\$	\$	\$	\$
14,916		17,095	
5,544		6,094	
35		14	
2,306		1,970	
2,741		2,503	
4,014		3,444	
51,679		53,617	
39			
<u>81,274</u>		<u>84,737</u>	
164		1,729	
16,232		15,797	
656		686	
<u>17,052</u>		<u>18,212</u>	
317,000		338,100	
317,000		338,100	
-2,974		778	
<u>\$412,352</u>		<u>\$441,827</u>	

The Chief increases in receipts were recorded for Treasury Grant, Yanchep National Park and General Rents.

PAYMENTS

1970-71		1971-72	
\$	\$	\$	\$
5,408		5,998	
37,811		42,500	
2,197			
3,304		2,891	
3,349		4,532	
		5,184	
<u>52,069</u>		<u>61,105</u>	
148,426		176,499	
49,121		58,371	
133,166			
		122,834	
5,127		5,019	
<u>335,840</u>		<u>362,723</u>	
7,618		4,521	
15,492		15,275	
555		686	
		20,482	
23,665		-2,483	
778			
<u>\$412,352</u>		<u>\$441,827</u>	

There was a general upward trend in expenditure resulting mainly from increased salaries and wages.

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 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, 17th December, 1968 and 8th May, 1972.

ROADS GENERALLY

As in the past the Main Roads Department has rendered financial and practical assistance on road construction and improvements in National Parks and Reserves.

National Parks and Reserves which benefited from this assistance during 1971/72 are as follows—

- Hamersley Range National Park
- Geikie Gorge National Park
- Kalbarri National Park
- Yanchep National Park
- Stirling Range National Park
- John Forrest National Park
- Matilda Bay Reserve

Besides the above this Department has to be thanked for rehabilitation work carried out on gravel and limestone pits in Kalbarri and Yalgorup National Parks.

FIRE CONTROL, ACCESS ROADS AND FIREBREAKS

The Board continued with its policy of providing firebreaks and access tracks (principally for fire control purposes). \$19,687 was spent during the year on this work, eighteen National Parks were involved in this expenditure.

Our thanks are due to the Forests Department, the district Bush Fire Brigades and the Bush Fires Board for their valuable assistance in fire control.

BUSH FIRES

Six bush fires occurred within National Parks during the year; areas of more than 200 acres burnt were as follows—

- Alexander Morrison National Park, 1,250 acres caused by lightning strikes.
- Avon Valley National Park, 2,000 acres caused by lightning strikes.
- Kalbarri National Park, 8,800 acres caused by lightning strikes.
- Neerabup National Park, 1,692 acres cause unknown.
- Stirling Range National Park, 65,000 acres caused by lightning strikes.
- Yalgorup National Park, 2,000 acres cause unknown.

CONTROLLED BURNING

In the interest of flora regeneration and to minimise 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.

Control burns were carried out during the year in the following National Parks—

- Avon Valley National Park
- John Forrest National Park
- Kalbarri National Park
- Moore River National Park
- Porongurup National Park
- Serpentine National Park
- Torndirrup National Park
- Walpole-Nornalup National Park
- Walyunga National Park
- Watheroo National Park
- Yanchep National Park

SIGN POSTING OF NATIONAL PARKS AND RESERVES

During the year timber entrance signs have been erected in the following National Parks and Reserves—

- Cape Range National Park
- Nambung National Park.

Besides the above expenditure on signs erected mainly for the protection of parks amounted to \$2,500.

MAJOR IMPROVEMENTS

The main improvements work undertaken during the year included—

The establishment of an Assistant Ranger's residence at Kalbarri and the purchase of a staff house from the Forests Department for use by Yanchep staff.

The completion of a tunnel connecting the Pantheon and Jewel City sections of Crystal Cave, further improvements to the water supply and the transfer and establishment of a new workshop and storage area at Yanchep National Park.

The building of a boat harbour and the conversion of the North Oval into a picnic area also at Yanchep National Park.

The establishment of a reliable water supply in the Cape Le Grand National Park.

The completion of a new ticket office in the John Forrest National Park.

The replacement of the main bore, the construction of a new storage area and the further undergrounding of power lines at the Matilda Bay Reserve.

NEW VEHICLES, PLANT AND EQUIPMENT

- (a) Four-wheel drive vehicles were acquired for John Forrest, Stirling Range, Walpole-Nornalup, Walyunga, Yanchep and a second-hand tip truck for Kalbarri National Parks.
- (b) Six clinker built boats for use at Yanchep National Park.
- (c) Three mowers for use by Yanchep National Park, Stirling Range National Park and Matilda Bay Reserve.
- (d) A chain saw, cement mixer and radial arm saw were purchased for John Forrest National Park, Nambung National Park and Yanchep National Park respectively.

PURCHASE OF PARKLANDS

A further annual instalment of \$5,019 was met during the year in connection with the purchase of the land acquired for establishment of the Walyunga National Park. 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 \$3,516.

DONATIONS FROM WISHING WELL

During the year an amount of \$686 was collected and distributed from the Yanchep National Park Wishing Well. Institutions which benefited from these donations were as follows:—

- Diabetic Association of W.A.
- W.A. Epilepsy Association Inc.
- Torchbearers for Legacy of W.A.
- National Heart Foundation of Australia (W.A. Division)
- Cancer Council of W.A.
- W.A. Institute & Industrial School for the Blind.
- St. John Ambulance Association
- St. John Ambulance Association (Wanneroo Brigade)
- Spastic Welfare Association of W.A.
- Slow Learning Group of W.A.
- Paraplegic Association
- Muscular Dystrophy Research Association.
- Australian Red Cross of W.A.
- Adult Deaf & Dumb Society Inc.

HISTORICAL PLAQUES

Three grants were made during the year to the following branches of the Royal Western Australian Historical Society:—

- (a) Albany Branch \$37 as cost of providing a plaque to be affixed to the Residency (Albany).
- (b) Busselton Branch \$40 as part cost of providing a plaque to honour the old "Groupies" Busselton.
- (c) Narembeen Branch \$40 as part cost of providing several plaques in that district.

Grants for this purpose are limited to a maximum of \$40 or the cost of the plaque, whichever is the lower.

VANDALISM AND BREACHES OF BY-LAWS

Acts of vandalism and breaches of by-laws still continue. The most serious cases during the year being the smashing of 40 headstones in the East Perth Cemetery (the culprit was apprehended and convicted) and the wrecking of a toilet block on the Matilda Bay Reserve, repairs to which cost approximately \$400. Printing names on rocks and the throwing of litter from cars remains a nuisance. It is hoped that the distribution of litter bags now being carried out in manned National Parks will eventually help to educate the public regarding the latter annoyance.

LAND SQUATTERS

After taking over control of the Nambung National Park it was discovered that a problem existed with squatters who had moved in and erected houses or shacks near the coast.

The National Parks Board requested occupants of these premises (41 in number) to vacate before the 31st August, 1972. If this notice is ignored the matter is to be placed in the hands of the Crown Law Department.

SCIENTIFIC RESEARCH

Although the National Parks Board does not directly employ its own scientific staff it co-operates with appropriate Departments and organisations such as the Museum, the University, the Department of Agriculture and the Forests Department, to encourage and where appropriate finance work in National Parks. To ensure official rights with regard to botanical services the Board subsidises the salary vote of the Department of Agriculture to the value of one botanist.

Biological Surveys—Following an earlier survey of Kalbarri National Park by Botanists of the Department of Agriculture and Zoologists from the Western Australian Museum, a comparable survey is now in process in the Cape Le Grand National Park.

Regrowth following Bushfires—Besides the above, Botanists are continuing their investigations in the regrowth of flora following bushfires in National Parks and are preparing a reference collection of specimens taken in various reserves.

REHABILITATION WORKS

Sand Dune Stabilisation and Sea Erosion—During the year considerable work and investigation with the help of the Forests and Agriculture Departments has been carried out in relation to this problem. Investigations have been carried out regarding moving sand dunes in the following areas—Walpole-Nornalup National Park, National Park near Cowaramup Bay and Penguin Island Reserve. Action has taken place to stabilise one area in the Walpole-Nornalup National Park and work will commence in Cowaramup Bay and Penguin Island areas in the near future.

The Public Works Department is also investigating sea erosion on Penguin Island where some undesirable encroachment has taken place.

Jarrah Dieback.—Areas of jarrah dieback have been investigated with the help of the Forests Department in the John Forrest and Sir James Mitchell National Parks. Action is at present in hand to remove diseased timber and rehabilitate areas of the infection in the Sir James Mitchell National Park.

ALGAE CONTROL AND DREDGING

Liaison between the Swan River Conservation Board resulted in the foreshore of the Matilda Bay Reserve being kept in a clean and algae free state.

Also with the cooperation of the above Board and the Harbours and Rivers Branch of the Public Works Department, dredging of the swimming area has been carried out resulting in clean water and a pleasant beach area.

Further dredging is in progress to provide a second boat launching ramp on the reserve to cater for the growing popularity of this pastime.

KOALAS

There have been some deaths of aged koalas during the year, despite this however the numbers have not declined and remain at 25. During the year 3 koalas were exchanged with the Lone Pine Sanctuary of Queensland to introduce new blood into the colony.

NATIVE FAUNA

It is not Board policy to exhibit native fauna in enclosures within National Parks, instead it prefers to allow the fauna to move freely. The exception is Yanchep National Park where koalas, kangaroos, wallabies, emus, parrots, budgerigars and finches are exhibited in restricted numbers. Black swans, ducks and other waterfowl frequent Loch McNess and other ornamental lakes in the park.

RANGER STAFF

The following is a list of Superintendents and ranger staff employed by the National Parks Board as at 30th June, 1972.

Yanchep National Park

- P. Congreve, Superintendent
- J. H. Hill, Assistant Superintendent
- Two Rangers, Grade 4
- Fourteen Rangers, Grade 5

John Forrest National Park

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

Matilda Bay Reserve

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

East Perth Cemetery Reserve

D. W. Jones, Ranger-in-Charge, 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
Two Rangers, Grade 3

Walpole-Nornalup National Park

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

Walyunga National Park

R. G. Chandler, Ranger-in-Charge, Grade 2

Hamersley Range National Park

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

Nambung National Park

A. J. Passfield, Ranger-in-Charge, Grade 1

Mobile Rangers

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

HONORARY RANGERS

The following is a list of honorary rangers as at 30th June, 1972 whose help in assisting the patrol and supervision of the National Parks concerned is greatly appreciated.

W. Kirwan and W. B. Lawrence, Cape Le Grand National Park
D. Bathgate and B. A. Sutton, Cape Range National Park
C. Bell, D. Bell, R. Bell, and N. MacDonald, Geikie Gorge National Park
E. G. McGuire, Hamersley Range National Park
A. Dennett, John Forrest National Park
E. T. Hancock, Stirling Range National Park
R. H. Freeman, Torndirrup National Park
L. Carroll, L. F. W. Vickridge, Yalgorup National Park
Dr. D. L. Serventy and T. E. Hennessey, Gooseberry Hill National Park
E. M. Johnson, Hamelin Bay Reserve
B. W. Embleton and G. R. Heil, Penguin Island Reserve
B. J. McCarthy, Lesmurdie Falls National Park
R. A. Baldwin, Serpentine National Park

ACKNOWLEDGEMENTS

The Board records its thanks for 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 & Surveys Department, Main Roads Department, Mines Department, Public Works Department, Town Planning Department and others. Also for the cooperation and help given by local Shires, Town Councils, Bush Fire Brigades and the Zoological Gardens Board.

C. F. H. JENKINS,
Acting President,
National Parks Board of W.A.

APPENDICES

NATIONAL PARKS AND RESERVES

National Parks and other reserves are listed hereunder in alphabetical order.

APPENDIX A

NATIONAL PARKS

ALEXANDER MORRISON NATIONAL PARK

Class "A" reserves of 21,014 acres 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 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 appointed in May, 1971 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.

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 and 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 3,903 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.

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 377,045 acres is quickly becoming one of the 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 42,835 acres situated south of Jurien Bay, this area is becoming increasingly popular because of its wildflowers and strange natural formation "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 5,532 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 ruggedness 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 comprises 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 resort noted for its swimming and fishing.

WALYUNGA NATIONAL PARK

A further instalment of \$5,019 was paid through the year in respect of the purchase of the 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 its becoming one of the most popular picnic spots adjacent to Perth.

WATHEROO NATIONAL PARK

This "A" Class reserve of 77,246 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.

WINDJANA GORGE NATIONAL PARK

This "A" Class reserve of 5,273 acres was placed under the Board's control in December, 1971. Situated north of Tunnel Creek this area was resumed from the Kimberley Downs Station. The Gorge is 2½ miles long and has near vertical walls up to 250 feet high.

YALGORUP NATIONAL PARK

The land portion of this "A" Class reserve of 22,480 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 Lakes were added to the park in September, 1971.

YANCHEP NATIONAL PARK

This "A" Class reserve comprises 6,894 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), Gloucester Lodge 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% 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—DROVER'S CAVE

A "C" Class reserve of 6,624 acres was placed under the control of the Board in May, 1972. Located north of Jurien Bay this area is under the supervision of the Ranger-in-Charge of Nambung National Park.

NATIONAL PARK—COWARAMUP BAY

"A" Class reserves comprising 1,884 acres, placed under the control of the Board in February, 1971 for the protection of caves and flora. The addition of a further "A" Class reserve vested for national park purposes added to the number of caves in the area under the control of the Board. The area is north, east and south of the Gracetown Townsite.

NATIONAL PARK NEAR PORONGURUP RANGE

An "A" Class reserve placed under the Board's control in May, 1970 comprising 150 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

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.

CAVES RESERVE NEAR CAPE HAMELIN

An "A" Class reserve of 1,050 acres placed under the Board's control in March, 1972. This reserve is directly east of Cape Hamelin.

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 406 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 RANGERS' RESIDENTIAL RESERVES

Two reserves were placed under the Board's control in November, 1967 and June, 1969 respectively for housing purposes. Rangers' residences have been built on both sites.

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 Administrative Headquarters of the National Parks Board. Improvements to access roads, parking area and public boat launching ramps during the year have enhanced the appearance and utilisation of this reserve by the public. The Royal Perth Yacht Club Inc., Mounts Bay Sailing Club Inc., Perth 14 ft. 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 288 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 and 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 offshore 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 $\frac{1}{2}$ acre placed under the Board's control in July, 1967 for the purpose of 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" reserves, total area being 439 acres. Situated 30 miles north of Perth and placed under the Board's control for the protection of flora they 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.