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**DEPARTMENT OF
FISHERIES & WILDLIFE
ROLE & STRUCTURE**

DIRECTOR

B.K. Bowen, B.Sc.

CONSERVATOR OF WILDLIFE & SECRETARY

H.B. Shugg, A.A.P.A., A.F.A.I.M.

108 Adelaide Tce., Perth
WESTERN AUSTRALIA

August 1978

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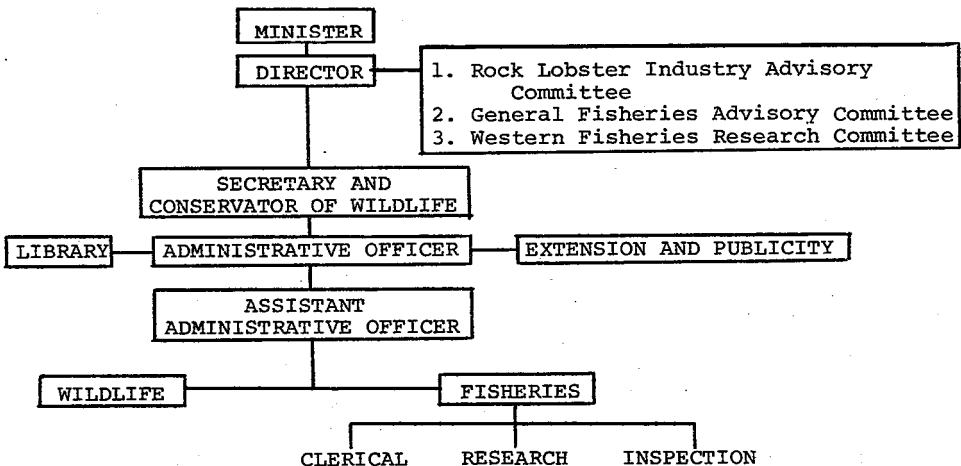
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MANAGEMENT OF THE WESTERN AUSTRALIAN FISHERY - 1978

A. GOVERNMENT DEPARTMENT

Structure: Fisheries management is the responsibility of a branch of the State Department of Fisheries and Wildlife, 108 Adelaide Terrace, Perth. The branch consists of the Director, Secretary/Conservator of Wildlife, Administrative Officer, Clerical Section, Western Australian Marine Research Laboratories, Fisheries Inspectors and appointed Honorary Fisheries Inspectors.

It is to be noted that Policemen are also Fisheries Inspectors under the Fisheries Act, and that Wildlife Officers are appointed under the Act as Fisheries Inspectors.



Function: In Western Australia, the Department of Fisheries and Wildlife administers the following Acts for the Government of the day in the name of the Minister for Fisheries and Wildlife:

Fisheries Act 1905
Whaling Act 1837
Pearling Act 1912
Oyster Act 1881

Also, the following Commonwealth Acts by delegation of powers by the Commonwealth Fisheries Act:

Whaling Act
Fisheries Act
Continental Shelf (Living Natural Resources) Act

The general function of the Fisheries branch is the management of the various fisheries.

Aims and Objectives: To ensure that fishing pressure does not exceed the maximum sustainable yield and that the fisheries are operated at an economic level in the best interests of both the professional and amateur fisherman. The development of new fisheries and the exploitation of new fishing grounds is an integral part of the management programme.

B. ADVISORY BODIES

1. Rock Lobster Industry Advisory Committee

This is an advisory body set up under the Fisheries Act. When requested by the Minister, the Committee inquires into and reports on any matter in relation to the rock lobster industry in Western Australia or any adjacent waters.

The Committee may, at its own discretion, also make recommendations to the Minister on questions relating to the management, control, protection, regulation and development of the rock lobster fishery.

The structure and membership of the Committee is either seven or eight members appointed by the Minister -

- (a) two officers of the Department of Fisheries and Wildlife and one of those officers shall be appointed by the Minister to be the Chairman of the Committee;
- (b) two members of the Rock Lobster and Prawnning Association of Australia, Inc., nominated by that body;
- (c) three fishermen who, for commercial purposes, are actually engaged in the taking of rock lobsters; and
- (d) where the Committee consists of eight members, one shall be a person appointed to represent those who are not commercially engaged in fishing or the fishing industry.

2. General Fisheries Advisory Committee

The role of this Committee is the same as the Rock Lobster Industry Advisory Committee, except that it relates to general fisheries only and specifically excludes rock lobster.

The structure and membership of the Committee is either five or six members appointed by the Minister -

- (a) two officers of the Department of Fisheries and Wildlife and one of those officers shall be appointed by the Minister to be the Chairman of the Committee;
- (b) one fisherman, who, for commercial purposes, is actually engaged in fishing in estuaries and on beaches;
- (c) one fisherman who, for commercial purposes, is actually engaged in deepsea fishing other than for rock lobsters;
- (d) one amateur fisherman; and
- (e) where the Committee consists of six members, one shall be a person appointed to represent persons who are not commercially engaged in fishing or the fishing industry.

3. Western Fisheries Research Committee

This Committee was appointed in 1961 by the Minister for Fisheries and Wildlife (then the Hon. Ross Hutchinson, M.L.A.) and held its first meeting from November 27 to 29 of that year. The terms of reference are:-

- (1) To guide, review and co-ordinate research programmes and to determine priorities in relation to manpower and equipment.
- (2) To accept responsibility for recommending the introduction or modification of management and development measures.
- (3) To receive reports from all research officers engaged in fisheries studies in Western Australian waters.
- (4) To appoint sub-committees, or working groups, as required.

Structure: The Committee comprises members nominated either as individuals or representatives of organisations:

- (a) Director, Department of Fisheries and Wildlife -
Chairman
- (b) Professor A.R. Main, Zoology Department, University of Western Australia
- (c) A representative of the Division of Fisheries and Oceanography, CSIRO
- (d) A representative of the Fisheries Branch, Department of Primary Industry
- (e) Director of Fisheries, South Australia

A Project Leader is permanently appointed by the Committee to co-ordinate and control the various research programmes which come within the jurisdiction of the Committee.

Procedure: The meeting of the Committee is conducted annually over four days with the first three days being assigned to the Technical Session where each research officer reports on his programme in relation to progress, recommendations and future activity. This is openly discussed by the Technical Session and recommendations are prepared for submission to the Plenary Session which is conducted by members of the Committee. Final recommendations are then submitted to the Minister.

Progress: Much of the progress and stability of the various fisheries in the State is the direct result of the efforts and programmes of the Western Fisheries Research Committee. Probably the most concrete example of its influence has been in the fields of rock lobster and prawn conservation in Western Australia.

C. TRUSTS

The "Fisheries Research and Development Fund" was established under the Fisheries Act in 1967 and is administered and controlled by the Minister.

It consists of moneys derived from fees paid by those engaged in limited entry fisheries, proceeds of fish taken during development and research programmes, income from investment of Fund money and any gifts or bequests.

The money may be used and applied by the Minister for such fisheries purposes as:

- (a) scientific, technological or economic research;
- (b) investigation, exploration and development of fisheries;
- (c) the provision of extension services; and
- (d) assisting the fishing industry and such bodies whose objects include assistance to or promotion of the fishing industry.

D. INSPECTION AND ENFORCEMENT

Staff: There are eighteen District Fisheries Offices in the State administered from the Head Office in Perth.

The Inspection section of the Fisheries Branch has a staff of 56 under the control of the Supervising Inspectors and Chief Inspector. There are also some 102 Honorary Inspectors who have been appointed for specific purposes in various districts.

Function: The functions of the Inspection Section are:

- (1) To ensure that the fishing industry works within the Acts, Regulations, Proclamations, Notices and Ministerial Directions handed down.
- (2) To investigate and report breaches of the Acts.
- (3) To provide the Administration with information on developments within the fishing industry.
- (4) To liaise with and assist industry.

Offices: Head Office - Perth

Chief Inspector
 Supervising Inspector - 6 Trainee Inspectors
 Special Investigations Officer - 2 Special
 Investigations Inspectors (Foreign Vessels)

All these officers have radio communications equipment when operating in the field.

Mobile Patrols - Perth Based:

No. 1 Mobile Patrol - 2 Inspectors, Radio, Patrol Vessel
 "Skua" 21 ft
 No. 2 Mobile Patrol - 2 Inspectors, Radio, 16 ft runabout
 Marron Patrol - 1 Inspector, Radio

District Offices:

Location	Shore-based Staff	Radio Equipped	Patrol Vessels	Vessel Staff	Principal Activity
Albany	3	Yes	-	-	General Fisheries/ Whaling
Bunbury	2	Yes	-	-	General Fisheries
Mandurah	1	-	-	-	General Fisheries
Fremantle	3	-	PV "Pelsart" 42' PV "Tasman" 54'	6	General Fisheries/ Rock Lobster
Perth	3	Yes	-	-	General Fisheries
Seabird	1	-	-	-	Rock Lobsters
Ledge Point	1	-	-	-	Rock Lobsters
Lancelin	1	Yes	-	-	Rock Lobsters
Cervantes	1	Yes	-	-	Rock Lobsters
Jurien Bay	2	Yes	-	-	Rock Lobsters
Dongara	1	-	-	-	Rock Lobsters

District Offices (continued)

Location	Shore-based Staff	Radio Equipped	Patrol Vessels	Vessel Staff	Principal Activity
Geraldton	3	Yes	"Phillip King" 52'	-	Rock Lobsters
Shark Bay	1	Yes	"Avocet" 21'	-	General Fisheries
Carnarvon	2	Yes	"Frey-cinet" 47'	2	Prawning
Broome	1	Yes	-	-	Pearling Supervision
Karratha	1	Yes	-	-	Wildlife Conservation
Esperance	1	Yes	-	-	Wildlife Conservation
Busselton	1	-	-	-	Wildlife Conservation
Wyndham	1	Yes	-	-	Wildlife Conservation

E. RESEARCH

Laboratories: The Western Australian Marine Research Laboratories are located on the foreshore of West Coast Highway, Waterman.

The aquarium facilities of the laboratories are used by officers of the CSIRO Division of Fisheries and Oceanography and a small laboratory adjoining the main building is operated by the University of Western Australia.

The laboratories are not open to the general public.

Vessels: The 67 ft steel research vessel "Flinders" is used in rock lobster and prawn research programmes. The vessel, based at Fremantle, carries a crew of 5 -

Master
Mate
Engineer
2 Deckhands

Staff: Chief Research Officer
14 Research Officers
9 Technical Officers
7 Technical Assistants
3 Administration
1 Engineer

Pemberton Fish Hatchery -

Manager
Technical Assistant
General Assistant

Equipment Office - Fremantle -

General Assistant

Function:

- (1) To undertake research on exploited fish populations.
- (2) To provide information for Administration on the effect of management measures in force in relation to the major exploited fish populations, and to recommend management procedures.
- (3) To provide advice to Administration on the benefits of alternative management measures on developing or expanding fisheries.
- (4) To undertake research on the potential of unexploited and lightly exploited fish populations. A special team, located in the Head Office at Perth, is responsible for this and comprises -

1 Research Officer (Development)
1 Senior Technical Officer
2 Technical Officers
1 Technical Assistant

Projects: The major study projects, in various degrees of intensity, are:-

Rock Lobster
Prawns
Whiting
Tuna
Salmon
Scallops
Marron
Trout
Heavy metals in fish species
Pilchards
Estuarine research

Other lesser programmes include Abalone and Mussels.

Publications: Reports and Bulletins are published on all aspects of research undertaken and of developmental surveys. These are distributed to other marine research organisations, libraries, fishing companies and other members of the fishing industry.

Pemberton Fish Hatchery: The hatchery was established in 1935 and, until 1971, was operated by the Pemberton Society. In 1971, the hatchery came under the control of the Department. Today, the functions of the hatchery are:-

- (1) The breeding of trout and marron for liberation into public waters.
- (2) The sale of trout fry and fingerlings and marron for private waters.
- (3) To provide a tourist attraction for the district.

Any enquiries regarding the purchase of trout or marron for farm dams or other private waters should be made direct to:-

The Manager
Pemberton Fish Hatchery
P.O. Box 91
PEMBERTON 6260
Telephone: Pemberton 44

F. RADIO COMMUNICATIONS (Combining both Fisheries and Wildlife branches)

Single Side-band Network: The Departmental SSB network consists of Base Stations at Head Office, Perth, the Western Australian Wildlife Research Centre, Woodvale, and Geraldton District Office. These bases are in contact with mobile radio fitted vehicles and patrol vessels throughout the State.

Handphone Network: This network consists of 32 new Handic H21 Transceivers low-power hand radios. These are located in most districts and are used for control of operations requiring portable communication over short distances. Six new VHF Tamephine Handheld sets have also been commissioned.

Control: All aspects of radio communications are controlled from Head Office, Perth, by the Radio Communications Officer.

VHF Metropolitan Link: Consists of a Base Station at Perth Head Office and 3 VHF mobiles and six handheld sets.

G. FLEET MAINTENANCE OFFICE - FREMANTLE

Fleet Maintenance Officer
General Assistant

H. EXTENSION AND PUBLICITY

Responsible for the editing and production of all Reports and Bulletins, Press releases, exhibitions, boat launching ceremonies, photography, writing and publication of general information booklets, etc.

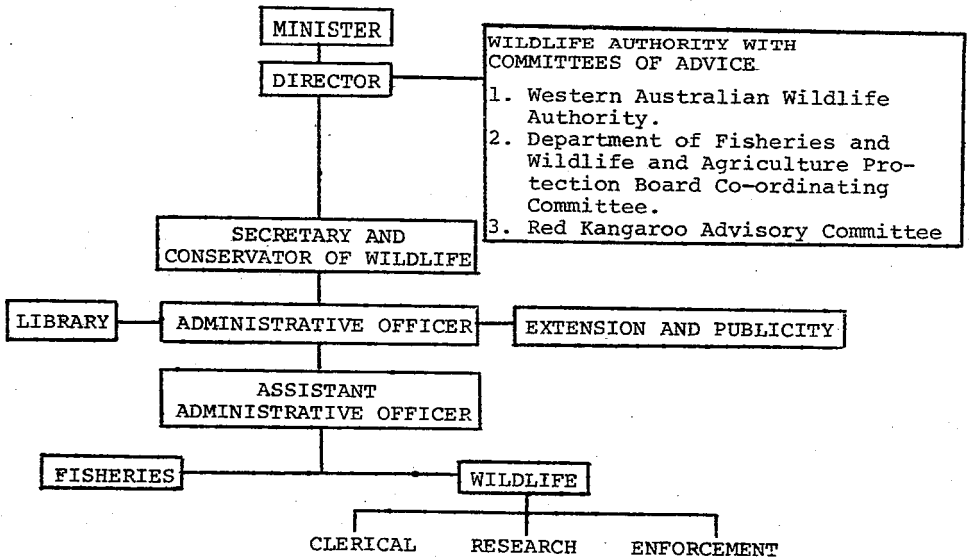
A quarterly journal, F.I.N.S. (Fishing Industry News Service) is produced and distributed to all members of the fishing industry and allied trades.

WILDLIFE CONSERVATION IN WESTERN AUSTRALIA - 1976

A. GOVERNMENT DEPARTMENT

Structure: Wildlife Conservation is the responsibility of the State Department of Fisheries and Wildlife. This branch consists of the Director, Secretary/Conservator of Wildlife, Administrative Officer, Clerical Section, Research Centre, Wildlife Officers (field) and appointed Honorary Wildlife Officers.

It is to be noted that Policemen, Forest Officers and Fisheries Inspectors are also Wildlife Officers under the Act.



Function: In Western Australia, the Department of Fisheries and Wildlife administers the Wildlife Conservation Act 1950-1975 for the Government of the day, in the name of the Minister for Fisheries and Wildlife.

The general function of the Wildlife branch is the conservation of wildlife and the management of nature reserves within the State.

Aims and Objectives: To provide for the conservation and protection of wildlife, that being;

- (a) Flora - All our native Western Australian plants (including any wildflower, palm, shrub, tree, fern, creeper or vine) and any plant which has been declared to be "flora" within the Wildlife Conservation Act; and
- (b) Fauna - All native Australian vertebrate animals - birds, mammals, frogs and reptiles plus others which have been declared to be "fauna" within the meaning of the Wildlife Conservation Act.

B. ADVISORY BODIES

There are three wildlife advisory bodies, namely the Western Australian Wildlife Authority, the Department of Fisheries and Wildlife and Agriculture Protection Board Co-ordinating Committee and the Red Kangaroo Advisory Committee.

1. The Western Australian Wildlife Authority

This is an advisory body under the Wildlife Conservation Act.

It is a body corporate with perpetual succession and a common seal. It may sue and be sued and deal in all aspects of real and personal property. The Authority shall inquire into, and report to the Minister on any matters referred to it by him or by the Conservator of Wildlife in relation to the conservation of fauna in the State. With the approval of the Minister, the Authority may carry out or cause to be carried out such research into the conservation and protection of fauna as it thinks fit.

Many of the State's nature reserves are vested in the Authority.

The Authority consists of eleven members including the Chairman of the Authority, of which members -

- (a) four referred to in this section are *ex officio* members and persons for the time being holding the office of -
 - (i) Director, who is the Chairman of the Authority;
 - (ii) Conservator of Wildlife under this Act, is the Deputy Chairman of the Authority and Chief Executive Officer thereof;
 - (iii) Chief Vermin Control Officer under the Vermin Act, 1918; and

- (iv) Conservator of Forests under the Forests Act, 1918 (or a person nominated by the Conservator as his deputy); and
- (b) seven referred to in this section as the appointed members who are appointed by the Minister and of whom -
 - (i) one is a botanist;
 - (ii) two are zoologists; and
 - (iii) four are persons who are not officers within the meaning of the Public Service Act, 1904 and of whom one at least has a wide practical knowledge of the native fauna of the State and one of whom represents country interest; and
- (c) each appointed member -
 - (i) holds office as a member of the Authority for a term of three years; and
 - (ii) is eligible for re-appointment on the expiration of his term of office as member of the Authority.

2. Department of Fisheries and Wildlife and Agriculture
Protection Board Co-ordinating Committee

The function of this Committee is to co-ordinate common areas of administration and policies between the Agriculture Protection Board and the Department of Fisheries and Wildlife. There are ten representatives, these being -

- Three members of the Agriculture Protection Board
- Three members of the Department of Fisheries and Wildlife
- Two representatives from CSIRO
- One advisor
- One secretary

3. Red Kangaroo Advisory Committee

This body was formed to co-ordinate the various managerial and biological aspects incurred in the harvesting of kangaroos for the marketing of meat, skin and by-products.

It consists of five Department of Fisheries and Wildlife Officers:-

- The Director/Chairman
- Conservator of Wildlife
- Executive Officer
- Clerical Officer/Secretary
- One Research Officer

Two members of the Agriculture Protection Board. Eight members representing the Industry (Pastoralists, Shooters and Processors).

C. TRUSTS AND LOCAL COMMITTEES

From its members the Western Australian Wildlife Authority appoints standing committees upon which a number of co-opted members serve.

1. Reserves Committee

To report, advise and make recommendations to the Authority on matters concerning nature reserves and their acquisition and management.

2. Bird Committee

This committee inquires into, advises and recommends on matters relating to conservation of avian fauna and matters relating to the management of populations of individual bird species and required licensing under the Wildlife Conservation Act and Regulations.

3. Flora

This committee enquires, advises and recommends on matters relating to conservation of native flora and permitted exploitation within the wildflower and seed industry.

D. THE TRUST FUND

The Wildlife Conservation Trust Fund was established under the Wildlife Conservation Act 1950-1975. The Fund is administered and controlled by the Minister. It consists of moneys obtained from Duck Shooting licenses, gifts, bequests and proceeds from any investment of part of the Fund. The Minister may use this Fund for any research into the conservation of wildlife.

E. ENFORCEMENT

There are fifteen District Wildlife Offices in the State. The enforcement section of the Wildlife Branch has a staff of twenty-six Wildlife Officers and Trainee Wildlife Officers under the supervision of the Chief Wildlife Officer and the Supervising Wildlife Officer.

The functions of the section are:-

To ensure that statutory protection under the Wildlife Conservation Act is afforded the Western Australian wildlife

and the conservation measures are carried out.

To report breaches of the Act, Regulations, Proclamations, Notices and Ministerial Directions.

To provide Administration and Research with information on wildlife observations generally.

F. ADMINISTRATION

Finance: The source of revenue is from the State Consolidated Revenue Fund - Department of Fisheries and Wildlife Vote.

While specific funds are allocated to wildlife activities, research, reserves and equipment, etc., the administrative and clerical officers are shared by both the Fisheries and Wildlife branches. Items such as telephone, insurance, library and stationery are also met by the Department as a single entity.

Staff: The number of Fisheries and Wildlife Department staff throughout the State totals 199; of these, 51 are field and research officers engaged on Wildlife Branch activities. The Department of Fisheries and Wildlife incorporates:-

- The Director
- The Secretary/Conservator of Wildlife
- Two Administrative Officers
- Two Extension and Publicity Officers
- One Radio Communications Officer
- 37 Clerical Division Officers
- Two Librarians
- 40 Fisheries Research and Technical Staff
- 26 Wildlife Research and Technical Staff
- 59 Fisheries Inspection Staff
- 28 Wildlife Enforcement Staff
- Two Fleet Maintenance Officers
- Five, Research Vessel "Flinders"
- Two, Pemberton Fish Hatcheries
- One Gear Officer

G. LAND USE

As at August 30, 1977, the total number of nature reserves administered in Western Australia in regard to wildlife conservation numbered 977 with a total area of 8 386 217 ha. Of these, 398 reserves, with a combined area of 8 228 508 ha, were vested in the Western Australian Wildlife Authority. The remaining nature reserves have dual purposes and are vested in other authorities such as the Ministers for Lands, Fisheries and Wildlife, Works and Water Supplies. Within all the nature reserves, there are three types which require special mention -

1. Primitive Reserves

These are large reserves in remote areas of the State, needing less scientific management to maintain natural status. An example is the Northern Nullarbor Nature Reserve approximately 2.5 million ha.

2. Rare species reserves

A place where nature has decreed that a rare species of wildlife shall inhabit areas which are subject to human usage or interference. These are usually very small regions. Examples are: the Short-necked Tortoise Reserves at Twin Swamps and Ellen Brook, being 222 ha. combined, and the Noisy Scrub Bird Reserve at Two Peoples Bay, 4 637 ha. Also there is Tutanning Reserve which is small at approximately 2 000 ha and supporting about a dozen species of marsupial.

3. Wetland Reserves

For the protection and maintenance of waterfowl populations. Examples are the Bengier Swamp, home of the Freckled Duck, and Lake Muir, a sanctuary for many species of waterfowl.

H. EDUCATION AND TRAINING

Staff at all levels are encouraged at all times to attain a high level of academic education in their respective fields. Enforcement staff attend the R.H. Doig Executive Development Centre and many Bush Fires Board Schools.

Education of the public is carried out in the form of lectures to schools and community bodies when staff are available.

A quarterly wildlife journal (S.W.A.N.S.) is written in a manner so as to educate both the public and field staff on matters of conservation, wildlife management and Departmental procedures. This journal is distributed to all Wildlife Officers, conservation organisations and, upon request, to various libraries.

I. PUBLICATIONS AND PUBLIC INFORMATION

Coverage of important matters relating to wildlife and habitat preservation is released through the various news media by the Extension and Publicity Office of the Department of Fisheries and Wildlife.

Staff officers are involved in both radio and television sessions outlining policy and activities and discussing wildlife conservation in general terms.

The Department's quarterly journal "S.W.A.N.S." (State Wildlife Advisory News Service) is received locally and internationally.

Reports and Bulletins are published on all aspects of research undertaken and of field surveys and studies and are distributed on request to research institutes, conservation agencies and libraries.

Leaflets on general wildlife subjects are printed for the public, together with pictorial and descriptive leaflets - some of the rare and endangered species.

J. INTERSTATE AND INTERNATIONAL LIAISON

Because of similar interests and problems the Department maintains a close working relationship with State and Commonwealth Government authorities throughout Australia.

Western Australia participates in "The Council of Nature Conservation Ministers Conference" which is held annually.

Liaison and exchange is maintained with overseas countries in respect of Scientific Departmental Reports and Bulletins.

K. RADIO COMMUNICATIONS (Combining both Fisheries and Wildlife branches)

Single Side-band Network: The Departmental SSB network consists of Base Stations at Head Office, Perth, the Western Australian Wildlife Research Centre, Woodvale, and Geraldton District Office. These bases are in contact with mobile radio fitted vehicles and patrol vessels throughout the State.

Handphone Network: This network consists of 32 new Handic H21 Transceivers low-power hand radios. These are located in most districts and are used for control of operations requiring portable communication over short distances. Six new VHF Tamephine Handheld sets have also been commissioned.

Control: All aspects of radio communications are controlled from Head Office, Perth, by the Radio Communications Officer.

VHF Metropolitan Link: Consists of a Base Station at Perth Head Office and 3 VHF mobiles and six handheld sets.

L. LIBRARY

The Department maintains a library with worldwide coverage of wildlife publications. Its staff consists of a librarian and assistant who maintain an international exchange system of technical papers. A service is also provided to local bodies enquiring into wildlife as well as the day to day needs of Departmental staff.

M. RESEARCH

Research undertaken by the officers of the Western Australian Wildlife Research Centre at Woodvale covers kangaroos, waterfowl, estuarine birds, reserve management, biological surveys of offshore islands and the mainland, pesticides, plant ecology and fire ecology.

Various research programmes presently being undertaken by research staff at the Wanneroo Wildlife Research Centre are:-

1. A continuing programme of tagging and data collection on Short-necked Tortoises.
2. Waterbird Research including -
 - (a) acquisition and surveys of wetlands
 - (b) data collection and interpretation
 - (c) population management through duck shooting season
3. Macropod Research - presently involving kangaroo management only through -
 - (a) population dynamics and monitoring of kangaroo industry
 - (b) data collection
 - (c) biological sampling
 - (d) interpretation
4. Reserve Acquisition - a State-wide survey of reserves is being undertaken Shire by Shire, involving surveys of flora and fauna on Crown land and recommendations re reservation.
5. Estuarine Research - an overall programme including food chains for avian fauna, etc. Studying of pelican colonies.
6. Reserve Management including -
 - (a) policy making
 - (b) planning
 - (c) investigation of fire behaviour
7. Plant Ecology - a programme into aspects of vegetation regeneration following fire - aim is to determine optimal burning conditions and intervals between fires which will enable maintenance of a desirable quality and quantity of animal habitat.
8. Fire Ecology - studies carried out initially in areas of high fire risk - to be expanded to include other important conservation areas.
9. Flora Conservation - studies have commenced aimed at managing the wildflower industry and delineating which species of flora need special protection.

N. PROPOSED FUTURE DEVELOPMENT

The current financial climate precludes any firm planning for future development, although it is envisaged that there will be additional projects undertaken as funds become available.

O. DEPARTMENT OF FISHERIES AND WILDLIFE DISTRICT OFFICES

HEAD OFFICE:

108 Adelaide Tce., Perth
Tel. 325 5988

GERALDTON:

Fisherman's Wharf
Tel. Wildlife - 21 3510
Fisheries - 21 1956

ALBANY:

Stirling Tce.
Tel. 41 4811

JURIEN BAY:

Padbury Street
Tel. 48 1048

BROOME:

Hammersley Street
Tel. 92 1121

KALGOORLIE:

Maritana House, Boulder Road
Tel. 21 4148

BUNBURY:

Stirling Street
Tel. 21 2598

KARRATHA:

Lot 750, Andover Way
Tel. 85 1427

BUSSELTON:

14 Queen Street
Tel. 52 2152

LANCELIN:

Bootoo Street
Tel. 78 1111

CARNARVON:

16 Robinson Street
Tel. 41 1185

MANDURAH:

Leslie Street
Tel. 35 1240

DONGARA:

Carnarvon Street
Port Denison
Tel. 27 1187

MANJIMUP:

Department of Agriculture
Tel. 71 1299

DENHAM:

Knight Terrace
Tel. 48 1210

MOORA:

Padbury Street
Tel. 41 1055

ESPERANCE:

Wallaceway Centre
Tel. 71 1839

MT MAGNET:

Hepburn Street
Tel. 96

FREMANTLE:

Cliff Street
Tel. 335 6369

PEMBERTON:

Trout Hatchery
Tel. (097) 76 1044

PERTH:

Ellam Street, Victoria Park
Tel. 361 3996
361 2731

PINGELLY:

Park Street
Tel. 273

SHARK BAY:

Knight Terrace, Denham
Tel. 48 1210

WAROONA:

Four Acre Street
Tel. 33 1331

WONGAN HILLS:

Fenton Street
Tel. 232

WYNDHAM:

PWD Office - 3 Mile
Tel. 61 1342

DEPARTMENT OF FISHERIES AND WILDLIFE

STAFF

AS AT JULY 20, 1978

ADMINISTRATION

B.K. Bowen	Director
H.B. Shugg	Secretary/Conservator of Wildlife
A.J. Mearns	Administrative Officer
D.W. Arnold	Assistant Administrative Officer
B. Jones	Secretary to the Director

EXTENSION AND PUBLICITY

A.C. (Colin) Waldon	Extension and Publicity Officer
J.L. (John) Hunter	Assistant Publicity Officer
M.M. (Michelle) Marzo	Extension and Publicity Assistant

FISHERIES RESEARCH AND DEVELOPMENT

J.P. (Jack) Robins	Senior Research Officer
K.F.C. (Kitch) Godfrey	Senior Technical Officer
P.G. (Peter) Edsall	Technical Officer
R.M. (Ray) Walker	Technical Officer
D.G. (Dave) Readshaw	Technical Assistant

LIBRARY

E. (Liz) Laczó	Assistant Librarian
S.J. (Simon) Hancocks	Library Assistant

RADIO COMMUNICATIONS

H. (Hans) Schneiker	Radio Communications Officer
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CLERICAL

D.L. (Don) Jennings	Clerk in Charge
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Records

A.J. (Tony) Goadby	Senior Clerk
G. (Guy) Alessandro	Clerk
K.L. (Kerry) Knapp	Clerk
P.S. (Shane) Knapp	Clerk
W.M. (Wayne) Kenney	Clerk
L.A. (Lynne) Roberts	Clerk
K.L. (Karen) Shepheard	Clerk
D.F. (Debbie) Thatcher	Clerk

Accounts and Stores

N. (Norm) Waldeck	Senior Clerk Accounts
B.A. (Bruce) Stevenson	Clerk
P.J. (Pat) Cahill	Stores Clerk

Prosecutions

M. (Mike) Grasby

Limited Entry Fisheries

A.R. (Alex) Cechner

Secretary, W.A. Wildlife Authority

G.E. (Greg) Allen

Typists

M. (Shelly) Grasby	Senior Typist
M. (Mary) Wilson	Typist
C.J. (Carey) Anderson	Typist

Switchboard

P. (Pauline) Osborn

Courier

D. (Dianne) Neville

Statistics

P.B. (Phil) Kelly	Fisheries Statistics
M.D. (Marj) Girdlestone	Kangaroo Statistics
V. (Veronica) King	Coding Clerk

Graduate Assistants

R.J. (Rob) Powell
P.P. (Peter) Rogers
P. (Paul) Rutherford

Licensing

A.C. (Adrian) Edwards	Senior Clerk Fisheries
L.W. (Les) Marrable	Senior Clerk Fauna
N. (Neil) Ford	Wildlife Licensing
T.B. (Tim) Macintyre	Wildlife Licensing
A.C. (Clete) Mathews	Wildlife Licensing
J.R. (Jeff) Nolan	Fisheries Licensing

Staff Clerk

N. (Norm) Press

Clerical Assistants

H.M. (Helen) Lamperd	Mandurah
P.F. (Pam) Wilkins	Fremantle

FISHERIES INSPECTION

N.E. (Neil) McLaughlan	Chief Inspector
E.J. (Ernie) Little	Supervising Inspector
A.T. (Arthur) Pearce	Special Investigations Officer

Albany

J.T. (John) Kelly	Officer in Charge
T.H. (Tom) Froby	
N.M. (Nigel) Tyler	

Broome

J.G. (John) Looby	Pearling Inspector
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Bunbury

D.H. (Dennis) Smith	Officer in Charge
G.A. (Greg) Finlay	
G.T. (Gerry) Segers	

Carnarvon

R.J. (Bob) Kirk	Skipper "Freycinet"
K.R. (Ken) Gittens	Seagoing

Cervantes

J.D. (John) Eaton

Dongara

R.J. (John) Breeden

Fremantle

T.B. (Barry) Baines	Officer in Charge
I.W. (Ian) Burns	
E.M. (Rick) Giblett	Seagoing
R.M. (Rex) Green	
P.D. (Phil) Mosel	Skipper "Abel Tasman"
J.R. (John) Neskudla	Seagoing
L.R. (Laurie) Poole	Mobile Patrol
R. (Ron) Smith	Skipper "Pelsart"
B. (Bernie) Unwin	Seagoing
P.C. (Peter) Willey	Mobile Patrol
H.L. (Bert) Lee	Fleet Maintenance Officer
R.S. (Ron) Crocker	Assistant

Geraldton

J.J. (Jim) Lilburne	Officer in Charge
G. (Garry) Brown	
J.N. (John) Bussanich	Seagoing
J.D. (John) Mutter	Mobile Patrol
M.H. (Miles) Poananga	Seagoing
W.R. (Bill) Saw	Seagoing
B.M. (Bruce) Webber	Skipper "Phillip King"

Head Office

C.W. (Colin) Ostle	Special Investigations Officer
H. (Haakon) Pedersen	Special Investigations Officer
G.R. (Greg) Roach	

Inland Patrol (266 Hay Street)

R.E.P. (Phil) Kendrick	Officer in Charge
P.J. (Peter) Johnsen	

Jurien Bay

L.J. (Lindsay) Wallis	Officer in Charge
C.B. (Bruce) Griffiths	

Lancelin

K.D. (Kevin) Morrison	Officer in Charge
A.G. (Alan) Breeden	

Mandurah

J.D. (Jay) Harman	Officer in Charge
J.A. (Jeff) Beal	
J. (John) Williams	

Perth District Office

E.R. (Rick) Hammond
R.M. (Miles) Crawford
G.B. (Geoff) Faulkner
E.I. (Ted) Forster
A.V. (Pim) Green
P.J. (Peter) Strickland

Shark Bay

D.E. (Derek) Blackman

WILDLIFE CONSERVATION

B.A. (Brian) Carmichael Chief Wildlife Officer
A.R. (Bob) Marshall Senior Wildlife Officer
L.R. (Les) Moss

Albany

R.L. (Ray) Smith
L. (Les) Coyne

Busselton

B.K. (Bernie) Masters

Carnarvon

M.W. (Mike) Mahoney

Esperance

I.C. (Ian) Cooke

Geraldton

D.J. (David) Mell
J.P. (Joe) Quinn

Head Office

B. (Bernie) Haberley
G.J. (Geoff) Hanley
M.G. (Mike) Osborn
P. (Phil) Roberts
T. (Trevor) Walley
J. (Jim) Wilson

Karratha

P.A.J. (Peter) Pennings
R.E.S. (Ron) Sokolowski

Kalgoorlie

L.J. (Leon) Silvester

Manjimup

J.E. (John) Neal

Moora

K.L. (Kingsley) Miller

Mount Magnet

K.J. (Kevin) Marshall
R.I. (Richard) Piggott

Pingelly

P.M. (Peter) Lambert

Waroona

R.A. (Rob) Coughran

Wongan Hills

R.F. (Bob) Dear

Wyndham

G.D. (Don) Noble

FISHERIES RESEARCH

Dr D.A. (Don) Hancock
S. (Stuart) Blight

Chief Research Officer
Assistant to Chief Research Officer

Scale Fish Studies

Dr M. (Mike) Walker
M. (Mark) Cliff

Research Officer

Rock Lobster Studies - Exploited Stage

Dr G. (Gary) Morgan Research Officer
E. (Eric) Barker Senior Technical Officer
G. (Gordon) Lynn Technical Officer

Fishery Induced Mortality of Juvenile Rock Lobster

R. (Rhys) Brown Research Officer
H. (Jerry) Jerke Technical Officer

Amateur Rock Lobster Fishery Studies

Dr P. (Pam) Norton Research Officer

Environmental Impact

Dr H. (Howard) Jones Research Officer

Pollution Studies

J. (John) Edmonds Research Officer
K. (Kevin) Francesconi Research Chemist

Statistical Design and Analysis

N. (Nick) Caputi Research Officer
I. (Ian) Lethbridge Research Officer

Freshwater Studies

Dr N. (Noel) Morrissy Research Officer
C. (Cliff) Fellows Technical Assistant
R. (Rod) House Marron Extension Officer

Estuarine Studies

R. (Rod) Lenanton Research Officer
P. (Peter) Yewers Technical Officer
K. (Kevin) Carhart Technical Assistant

Scallops and Shark

D. (David) Heald Research Officer
K. (Kim) Back Technical Assistant

Prawns and Abalone

J. (Jim) Penn Research Officer
R. (Ray) Stalker Technical Officer

Data Collection and Analysis

N. (Norm) Hall	Research Officer
P. (Peter) Wood	Technical Officer
B. (Brian) Bartley	Technical Assistant
B. (Brett) Carter	Technical Assistant

Clerical

J. (John) Parker	Clerk
J. (Jill) Kennedy	Typist
C. (Chris) Fast	Clerical Assistant

Engineer

E. (Eddie) Seach

All of the above are stationed at Watermans. The following are based as stated.

C. (Titch) Haynes	Gear Technician, Fremantle Gear Shed
G. (George) Cassells	Manager, Pemberton Fish Hatchery
T. (Tony) Church	Assistant, Pemberton Fish Hatchery
J.A. French	General Assistant

R.F. "Flinders"

R. (Ron) Duckrell	Skipper
J. (John) de Ceglie	Mate
J. (John) Patterson	Engineer
R. (Roland) Walker	
A. (Aureliano) da Franca	

WILDLIFE RESEARCH

RESERVE MANAGEMENT

Research

Dr A.A. (Andrew) Burbidge	Senior Research Officer
P. (Phillip) Fuller	Technical Assistant

Projects

J. Goodsell	Research Officer Reserves
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Operations

Fire Control:

T. (Trevor) Evans	Senior Technical Officer
J.J. (Jeffrey) Smith	Labourer

Nature Reserve: (Two Peoples Bay, Albany)

Vacant (Technical Officer)

Nature Reserve: (Wildlife Research Centre, Wanneroo)

A.D. (Allen) Mangini, Ranger

Nature Reserve: (Karratha)

R.E. (Ronald) Sokolowski

Reserve Management Team (Pingelly):

K. (Kenneth) Wallace, Reserve Management Officer

Reserve Management Team (Pingelly):

Vacant (Technical Officer)

BIOLOGICAL SURVEY

N.L. (Norman) McKenzie	Research Officer
K. (Kenneth) Youngson	Technical Officer
J.R. (James) Rolfe	Technical Assistant
K. (Kenneth) Cashin	Technical Assistant

ANIMAL ECOLOGY

Macropods

Dr R.I.T. (Robert) Prince	Research Officer
R.G. (Robin) Heckler	Technical Officer
M. (Mary) Colreavy	Technical Officer

Rock Wallabies

Dr J.E. (John) Kinnear	Research Officer
M.L. (Michael) Onus	Technical Assistant

Waterbird

J.A.K. (James) Lane	Research Officer
D.R. (Donald) Munro	Technical Officer
G.B. (Grant) Pearson	Technical Officer

PLANT ECOLOGY

A.J.M. (Angus) Hopkins	Research Officer
C.J. (Christopher) Robinson	Technical Officer

FLORA CONSERVATION

S.D. (Stephen) Hopper Research Officer

CLERICAL

N.C. (Neil) Holland Clerk
T.A. (Thelma) Woodward Typist

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