



NEW ZEALAND MARINE DEPARTMENT

**FISHERIES TECHNICAL REPORT
NO. 49**

**FISHERIES DIVISION
PUBLICATIONS 1969**

**Compiled by
B. T. CUNNINGHAM**

WELLINGTON, NEW ZEALAND

1970

FISHERIES TECHNICAL REPORT

FISHERIES DIVISION PUBLICATIONS 1969

B.T. CUNNINGHAM
FISHERIES DIVISION
MARINE DEPARTMENT
WELLINGTON

CONTENTS

	<u>Page</u>
INTRODUCTION	1
FISHERIES TECHNICAL REPORTS	2-3
FISHERIES DIVISION PUBLICATIONS - REPRINTS, ETC.	4-6
"W.J. SCOTT" REPORTS	7
FRESHWATER FISHERIES ADVISORY SERVICE - INVESTIGATION REPORTS	8
FRESHWATER FISHERIES NEWS	9
REPORT ON FISHERIES	10
REFERENCES	10

INTRODUCTION

A list of publications of the Fisheries Division, Marine Department, published to 1968, was detailed in Fisheries Technical Report No. 35 (1969).

This report details papers and reports published during 1969 and those "In Press"*.

Limited numbers of some reports are available from -

The Fisheries Division,
Marine Department,
Box 10142,
Wellington,
New Zealand.

FISHERIES TECHNICAL REPORTSReport No.

29. SORENSEN, J.H. 1969 - The New Zealand Rock Lobster or Marine Spiny Crayfish Jasus edwardsii (Hutton).
Distribution, Growth, Embryology and Development. 46 pp.
30. STREET, R.J. 1969 - The New Zealand Crayfish Jasus edwardsii (Hutton). 53 pp.
31. WILLIAMSON, D. 1969 - Toheroa Survey West Coast Beaches 1968. 26 pp.
32. TUNBRIDGE, B.R. 1969 - Pilchard Survey Nelson 1964. 41 pp.
33. GREENWAY, J.P.C. 1969- Testing Rock Oyster Settlement on Various Artificial Surfaces at Mahurangi. 14 pp.
34. REID, BRIAN 1969 - Mussel Survey Hauraki Gulf and Firth of Thames 1958. 24 pp.
35. CUNNINGHAM, B.T. 1969 - Fisheries Division Publications to 1968. 17 pp.
36. BURNET, A.M.R. 1969 - A Study of the Inter-Relationship Between Eels and Trout, and Invertebrate Fauna and the Feeding Habits of the fish. 23 pp.
37. BROWN, R.M. 1969 - Molluscan Survey of the Tamaki River, Waitemata Harbour, Auckland, August 1968, at the Site of the Otara Gas Turbine Power Station. 24 pp.
38. REID, BRIAN 1969 - The Auckland West Coast Trawl Fishery 1953-1958. 48 pp.

39. SORENSEN, J.H. 1969 - New Zealand Seals with Special Reference to the Fur Seal. 35 pp.
40. YORK, A.G. 1969 - Tuna Investigations - East Coast Area of New Zealand 1965-1967. 80 pp.
41. CUNNINGHAM, B.T. 1969 - Fisheries Division Investigations Progress Report 1968. 30 pp.
42. SORENSEN, J.H. 1969 - New Zealand Fur Seals with Special Reference to the 1946 Open Season. 80 pp.
43. GREENWAY, J.P.C. 1969 - Settlement and Growth of a Colony of the Large Green Mussel from a Pontoon in Te Kouma Harbour, Coromandel. 14 pp.
44. TUNBRIDGE, B.R. 1969 - Toheroa Survey - Wellington West Coast Beaches 1966. 13 pp.
45. WILLIAMSON, D. 1969 - Toheroa Survey - Wellington West Coast Beaches 1969. 11 pp.
46. *SLACK, E.B. 1969 - A Commercial Catch of Albacore in New Zealand. 26 pp.
47. *STEAD, D.H. 1969 - "Seaweed" Survey - Oamaru - February 1969. 6 pp.
48. *GREENWAY, J.P.C. 1969 - The Monitoring of Rock Oyster Settlement at Mahurangi, Auckland 1968-69. 22 pp.

FISHERIES DIVISION PUBLICATIONS - REPRINTS, ETC.Reprint No.

7. KABERRY, A.C. 1969 - Some Current Developments in the Industry.
Fisheries in New Zealand, Victoria University of Wellington, 177-9.
8. CUNNINGHAM, B.T. 1969- The Significance and Role of Fresh-water Fishing.
Fisheries in New Zealand, Victoria University of Wellington, 180-2.
9. BURNET, A.M.R. 1969 - An Examination of the Use of Scales and Fin Rays for Age Determination of Brown Trout (Salmo trutta L.)
N.Z. Jl. Mar. Freshwat. Res. 3;1: 147-51.
10. GREENWAY, J.P.C. 1969 - Surveys of Mussels (Mollusca : Lamellibranchia) in the Firth of Thames, 1961-67.
N.Z. Jl. Mar. Freshwat. Res. 3;2: 304-17.
11. BURNET, A.M.R. 1969 - The Growth of New Zealand Freshwater Eels in Three Canterbury Streams.
N.Z. Jl. Mar. Freshwat. Res. 3;3: 376-384.
12. BURNET, A.M.R. 1969 - Territorial Behaviour in Brown Trout (Salmo trutta L.)
N.Z. Jl. Mar. Freshwat. Res. 3;2: 318-338.
13. BURNET, A.M.R. 1969 - Migrating Eels in a Canterbury River, New Zealand.
N.Z. Jl. Mar. Freshwat. Res. 3;2: 230-44.

14. GREENWAY, J.P.C. 1969 - Population Surveys of Toheroa (Mollusca : Eulamellibranchiata) on Northland Beaches, 1962-67. N.Z. Jl. Mar. Freshwat. Res. 3;2: 318.338.
15. *BURNET, A.M.R. - Seasonal Growth in Brown Trout. N.Z. Jl. Mar. Freshwat. Res.
16. * FLAIN, M. - Precocious Male Quinnat Salmon Parr Oncorhynchus tschawytscha (Walbaum) in New Zealand. N.Z. Jl. Mar. Freshwat. Res.
17. *COAKLEY, A. - Sea Surface Temperatures in Canterbury Coastal Waters. N.Z. Jl. Mar. Freshwat. Res.
18. THOMAS, JUDY 1969 - Some Spoilage Changes of Fresh New Zealand Crayfish Tails (Jasus lalandii). Food Technology in N.Z., May 1969: 139-40.
19. BURNET, A.M.R. 1969 - The Freshwater Fishes. The Natural History of Canterbury. 1969: 498-508.
20. ANON 1969 - Purse Seining Operations of the "W.J. Scott". Period June 1967-July 1967. Report No. 4. Marine Department, Wellington.
21. *ANON - Purse Seining Operations of the "W.J. Scott". Period July 1967-August 1967. Report No. 5. Marine Department, Wellington.

22. *ANON - Purse Seining Operations of the "W.J. Scott". Period October 1967- November 1967.
Report No. 6.
Marine Department, Wellington.
23. *ANON - Purse Seining Operations of the "W.J. Scott". Period November 1967- December 1967.
Report No. 7.
Marine Department, Wellington.
24. *ANON - Purse Seining Operations of the "W.J. Scott". Period January 1968.
Report No. 8.
Marine Department, Wellington.
25. *ANON - Purse Seining Operations of the "W.J. Scott". Period January 1968- February 1968.
Report No. 9.
Marine Department, Wellington.

"W.J. SCOTT REPORTS"Report No.

4. ANON 1969 - Purse Seining Operations of the "W.J. Scott". Period June 1967- July 1967.
Reprint No. 20.
Marine Department, Wellington.
5. *ANON - Purse Seining Operations of the "W.J. Scott". Period July 1967 - August 1967.
Reprint No. 21.
Marine Department, Wellington.
6. *ANON - Purse Seining Operations of the "W.J. Scott". Period October 1967- November 1967.
Reprint No. 22.
Marine Department, Wellington.
7. *ANON - Purse Seining Operations of the "W.J. Scott". Period November 1967- December 1967.
Reprint No. 23.
Marine Department, Wellington.
8. *ANON - Purse Seining Operations of the "W.J. Scott". Period January 1968.
Reprint No. 24.
Marine Department, Wellington.
9. *ANON - Purse Seining Operations of the "W.J. Scott". Period January 1968- February 1968.
Reprint No. 25.
Marine Department, Wellington.

FRESHWATER FISHERIES ADVISORY SERVICE

NORTH ISLAND

Job No.

- N.I. 1 TURNER, D.J.P.; LITTLE, - A Biological Survey of
R.W. & BEAM, M.G. the Waitangi Stream.
8 pp.
- N.I. 2 TURNER, D.J.P.; LITTLE, - A Biological Survey of the
R.W. & BEAM, M.G. Waihou and Waimakariri
Rivers. 15 pp.

FRESHWATER FISHERIES NEWS

PUBLISHED IN "AMMOHOUSE BULLETIN", WELLINGTON

Ammohouse Bulletin

Vol. 1. No. 27. September 1969 6-8

Kapuni River.

Anon

Angling Diaries
1967-68.

REPORT ON FISHERIES

Report on Fisheries for 1968. (Extract from Annual Report of the Marine Department.)

REFERENCES

- CUNNINGHAM, B.T. 1969 - Fisheries Division Publications to 1968.
Fish. Tech. Rpt, Marine Dept.,
No. 35. 17 pp.



NEW ZEALAND MARINE DEPARTMENT

**FISHERIES TECHNICAL REPORT
NO. 49**

**FISHERIES DIVISION
PUBLICATIONS 1969**

**Compiled by
B. T. CUNNINGHAM**

WELLINGTON, NEW ZEALAND

1970