

## INCIDENCE OF INFECTION:

The incidence of infection in samples of oysters from various localities other than Foveaux Strait is given in Table I. Foveaux Strait samples are treated separately in Table II because of more frequent sampling, and because the origin of the samples within the locality was known.

TABLE I.—Incidence of Infection in Oysters from localities other than Foveaux Strait.

Date	Locality	Number Examined	Number Infected	% Infected
30.7.63	Timaru	12	6	50
17.7.63	Golden Bay	12	—	—
15.7.63	Pauatahanui	7	—	—
8.4.64	Hauraki Gulf	102	8	8
21.7.63	Wellington Harbour	29	3	10
15.4.64	Tasman Bay	53	4	8

It is evident that the parasite is widespread in *O. lutaria* in New Zealand waters. Infection has been found in oysters in relatively shallow, sheltered waters, e.g., Wellington Harbour, as well as in exposed areas of deep water, e.g., Foveaux Strait. The samples from Pauatahanui and Golden Bay may be too small to reveal the presence of the parasite if the trends in these localities follow the relatively low incidence of infection found in samples from Hauraki Gulf, Wellington Harbour, and Tasman Bay.

Timaru oysters show a comparable incidence of infection with Foveaux Strait oysters from areas A and B. However, larger samples would be necessary to determine whether this figure gives a true indication of the incidence of infection in oysters from this area.

TABLE II.—Incidence of Infection in Foveaux Strait Oysters 1963-64.

Date	Locality	Number Examined	Number Infected	% Infected
1963				
June	Foveaux Strait			
	Area A	50	21	42%
July	" B	27	11	41%
August	" B	17	8	47%
October	" B	9	3	33%
1964				
March	" B	12	5	42%
May	" B	79	33	42%
June	" B	62	25	40%
July	" B	70	23	33%
1963				
August	" D	36	9	25%
September	" E	110	25	23%
September	" D	158	36	23%
October	" E	10	2	20%
October	" D	38	8	21%
1964				
April	" D	24	5	21%
April	" G	36	7	19%
May	" E	15	3	20%
July	" E	100	18	18%