

There are branches of the laboratory work bearing on public-health questions which ought to be undertaken, but which we cannot face without increased assistance and accommodation. For instance, only one sample of milk was received for detection of tubercle, whereas, under the Sale of Food and Drugs Act, the Department should be responsible for the examination of the milk as delivered in Dunedin from over three hundred dairymen.

Owing to the increased demand on my time for University, Hospital, and Laboratory appointments, towards the end of the year you relieved me of the administrative control of my district, that duty being taken over by Dr. Finch. This enables me to devote more time to the scientific branches of the departmental work.

Inspector Cameron, who was until recently stationed at Invercargill, has been promoted to Dunedin, and from here undertakes such departmental work in the Otago Province which does not fall within the duties of the Hospital Board's Inspectors.

In January, James Craighead, and in April, W. M. Armour, were appointed Sanitary Inspectors by the Hospital Board, and have discharged their duties faithfully and well during the year.

During the year my laboratory assistant, Mr. Andrew Logan, has yielded faithful service, and during my enforced absence from work during two months of the year the greater part of the work was efficiently and satisfactorily carried out under his supervision.

I have likewise to thank my colleagues on the University and Hospital staffs for their co-operation and advice.

Appended hereto is a detailed laboratory report, and tables and data relating to other matters.

I have, &c.,

SYDNEY T. CHAMPTALOUPE, M.B., Ch.B., B.Sc. (P.H.).

#### B. APPENDICES TO THE REPORTS OF THE DISTRICT HEALTH OFFICERS FOR THE YEAR 1911.

##### INFECTIOUS DISEASES.

The diseases declared to be infectious diseases in the meaning of the Public Health Act, and consequently notifiable, are as follows: Scarlet fever, scarlatina, diphtheria, enteric fever, tuberculosis, puerperal fever (including milk-fever, sapræmia, acute sepsis, septicæmia), plague, smallpox, leprosy, cholera, actinomycosis, hydatids, beri-beri, blood-poisoning, cerebro-spinal meningitis (including cerebro-spinal fever, cerebral typhus, spotted fever, petechial fever, malignant purpuric fever), typhus fever.

The following table shows the number of cases of infectious disease notified throughout the Dominion:—

| Nature of Disease.      | Health District. |                                                            |                                |                         | Total. |
|-------------------------|------------------|------------------------------------------------------------|--------------------------------|-------------------------|--------|
|                         | Auckland.        | Wellington,<br>Hawke's Bay,<br>Marlborough,<br>and Nelson. | Canterbury<br>and<br>Westland. | Otago and<br>Southland. |        |
| Scarlet fever .. .. .   | 367              | 1,061                                                      | 589                            | 345                     | 2,362  |
| Diphtheria .. .. .      | 223              | 322                                                        | 202                            | 121                     | 868    |
| Enteric fever .. .. .   | 346              | 357                                                        | 51                             | 38                      | 792    |
| Tuberculosis .. .. .    | 177              | 278                                                        | 130                            | 134                     | 719    |
| Blood-poisoning .. .. . | 55               | 34                                                         | 15                             | 8                       | 112    |
| Hydatids .. .. .        | ..               | 11                                                         | 2                              | 4                       | 17     |
| Plague .. .. .          | 8                | ..                                                         | ..                             | ..                      | 8      |
| Totals .. .. .          | 1,176            | 2,063                                                      | 989                            | 650                     | 4,878  |