

(b) In connection with all important forest insect outbreaks the officers of the division of Forest Insects in the Entomological branch conduct special forest insect surveys, often in co-operation with the dominion and provincial Forestry branches, in order to determine the cause and extent of the injuries. Extensive surveys of this kind have been made during the last two seasons in connection with the pine bark-beetle outbreaks in British Columbia and with the spruce budworm outbreaks in eastern Canada.

5. The Entomological branch has 39 permanent technical officers on the scientific staff and provision is being made for 55 temporary and seasonal assistants this season.

The division of Botany has 14 permanent technical officers and provision is being made for 33 permanent and temporary assistants this season. All these officers are engaged in the study of the causes and control of damage caused by fungi and insects generally.

6. (a) The division of botany employs one technically trained forest pathologist and in addition 6 temporary assistants are to be employed this summer.

(b) The division of forest insects in the Entomological branch employs 7 technically trained officers engaged solely in investigation of forest insects and their injuries and control. Five of these are stationed in eastern Canada and two in British Columbia. In addition these officers are assisted by permanent or seasonal assistants according to their need.

7. The government is fully aware of the fact that as far as forest pathology is concerned, considerably more work should be done, and is ever ready to give careful consideration to the representations made by the industries concerned in order to assist in the solution of these serious causes of losses to our forest resources.

8. The Entomological branch has extended its investigations of the dying balsam and spruce in eastern Canada, with a view to determining the cause and rate of deterioration of the dying and dead timber and the degree to which it can still be salvaged.

A great amount of work in connection with the natural control of spruce budworm by means of parasites bred and distributed from the entomological laboratory at Fredericton, N.B., has already been performed. This work has now been placed directly under the charge of the division of forest insects. A report on past work in this connection has been practically completed and will shortly be published. A scheme of co-operation is also contemplated between the owners of some timber limits and the division of Botany

whereby the services of trained forest pathologists will be available for the particular study of various diseases affecting balsam and spruce in the eastern forests.

CIVIL GOVERNMENT SALARIES, 1913-22

Mr. ARTHURS:

1. What was the total expenditure for Civil government salaries for the fiscal years 1913, 1916, 1919, 1922, including any bonus to such Civil Servants?
2. How much was spent as above by each department?

Hon. Mr. FIELDING:

The information desired is covered by an order of the House made several days ago, and the return will be brought down in due course.

MR. JOHN CAMERON STUART

Mr. JONES:

1. When was Mr. Campbell Stewart appointed to his present position in the Department of Agriculture?
2. What salary did he receive when first appointed?
3. What salary is he in receipt of at the present time?
4. What are his duties and is his time fully occupied in the carrying out of said duties?
5. What amount, if any, has he received as travelling expenses each year since his appointment?

Hon. Mr. MOTHERWELL:

1. No one by the name of Mr. Campbell Stewart is employed in the Department of Agriculture. Mr. John Cameron Stuart is employed as a district live stock promoter in the Live Stock branch, which classification he received April 1st, 1919.

2. Mr. Stuart's initial salary as District Live Stock Promoter was \$1,920.

3. \$2,160.

4. Organizing a system for the local marketing of live stock and live stock products in cities and towns throughout Ontario and Quebec; assisting in the drafting of municipal by-laws for the regulation of such marketing; attending meetings of farmers' organizations for the purpose of organizing the selling of farmers' produce at municipal markets; attending meetings in cities and towns of consumers' organizations in connection with the purchase of meats and other produce; compiling meat bulletins, particularly for the information of consumers; conducting special inquiries, under direction, regarding domestic marketing problems. Mr. Stuart's time is fully occupied in carrying out such duties.

5. 1919-20, \$2,566.97; 1920-21, \$3,417.78; 1921-22, \$3,536.30; 1922-23, \$3,256.40.

MR. LEONARD COOKE

Mr. JONES:

1. When was Mr. Leonard Cooke appointed to his present position in the Department of Agriculture?