

*Culicoides crepuscularis* Malloch. Indian Head, Sask.; Kamloops, B.C.

*Culicoides gigas* Root & Hoffman. Kamloops, B.C.; Lac du Bois, north of Kamloops, B.C.

*Culicoides obsoletus* Meigen (*C. sanguisugus* Coquillet) Indian Head, Sask.; Lake Louise, and Banff, Alta.; Riske Creek, B.C., Chilcotin, B.C., Spuzzum, B.C., Shumway Lake, south of Kamloops, B.C.

*Culicoides unicolor* Coquillet. Indian Head, Sask.; Fairmont, B.C., Kamloops, B.C., Tranquille Lake, B.C.

*Culicoides variipennis* Coquillet. Vavenby, B.C.

*Culicoides yukonensis* Hoffman. Lac des Roches, North Thompson Valley, B.C.

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## REPORT ON THE VALUE OF PLANT INSPECTION IN RELATION TO PEST AND DISEASE CONTROL IN THE DOMINION OF CANADA\*

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As the history of the Plant Inspection Service in Canada is fairly well understood, it is probably sufficient to say that the regulations governing the activities of this service have been broadened from time to time, to meet new and existing conditions, so that today the Dominion Plant Protection Division under the Production Service is rendering a real service to the agricultural life of Canada.

The Inspection Service may be looked upon as the first line of defence against the invasion of foreign pests and diseases, and when we realize the crop losses, in their native lands, from pests and diseases which so far do not exist in Canada, although they are intercepted many times on foreign importations of plants and plant products, we have some reason to be thankful. But one might ask, "Will inspection alone give adequate protection?" Certainly not, particularly in the case of certain plant diseases which are not visible to the eye when the stock examined is in the dormant state. However, through the close co-operation between countries, and through personal contacts and exchange of literature, the pest and disease conditions of these various states and countries are fairly well known. This knowledge permits special precautionary regulations to be enacted, to ensure against the introduction of plants or plant products, known to be hosts of specific pests or diseases, which could not be intercepted by routine inspection.

### Exports:

One phase of our activities is becoming of first importance; namely, the examination of plants and plant products for export. Canada, as an agricultural country, may well look to her laurels when we consider that ap-

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proximately 50% of our crop production must find a market in foreign countries. To ensure confidence in those markets, every precaution must be taken by way of inspection and certification to see that the regulations governing the importations to those countries are rigidly carried out.

It should be of interest to members of this meeting to learn that during this present shipping season there have not been any rejections of Canadian produce on any of our foreign markets, which is a credit to all officers co-operating with the Plant Protection Division in this work. Since we last met, Canada has turned from peace to war and has joined with our Mother Country in what we believe to be a just cause. In this connection, a continuity of food supplies is essential, and every effort is being made by our Division to examine the cargo space, as well as the cargoes consigned to the United Kingdom and her Allies, in an effort to safeguard such shipments from losses which may be caused by insect infestation through long storage.

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