

no fairs, if we declined to send our official representatives abroad, Canada would make no progress whatever in its export trade. We must pay for everything we import by our exports.

Mr. CAHILL: We are paying for both our imports and our exports.

Mr. A. K. MACLEAN: Oh, no, my hon. friend is quite mistaken about that. We are exporting a great deal to some countries, and it is being paid for. I hope within a few months my hon. friend will have all the ground cut from under his feet about these credits, so that he will not be put to the trouble of making so many speeches on the inadvisability of furnishing credits. I agree with him as to the undesirability of having to do this, and the desirability of having natural trade conditions here and throughout the world, and I hope that if the Germans sign the Peace Treaty on Monday next the world will gradually, if not rapidly, reach the conditions in relation to international trade which prevailed prior to the war.

Mr. J. H. SINCLAIR: Did the Trade Commissioner at Paris represent us at the Lyons Fair?

Mr. A. K. MACLEAN: Yes. I am deliberately brief in my explanation of the Lyons Fair, because the Minister of Trade and Commerce was at the Fair this year, and I shall ask him to give an account of it on some other item.

Bureau of Industrial and Scientific Research:—Salaries and expenses, including printing and stationery, and the collection and distribution of information, and for Studentships, Fellowships, Special Problems and Forestry Studies, \$120,000.

Mr. J. H. SINCLAIR: Did the bureau find out anything new this year?

Mr. A. K. MACLEAN: I am sorry my hon. friend is so sceptical about this vote.

Mr. J. H. SINCLAIR: I am not sceptical.

Mr. A. K. MACLEAN: I recollect that last year and the year before he was rather sceptical. I have great faith myself in any expenditure of money for scientific research purposes, and I think we are open to criticism for not having voted very much larger sums of money for that purpose in the past. It might interest my hon. friend to know that it was wholly through the Research Bureau that an industry is about to be established in his home county at Canso. A company has been organized to utilize fish waste to produce an animal food and some by-products.

Mr. J. H. SINCLAIR: Is it a private concern?

Mr. A. K. MACLEAN: It is private capital, but the investigations were made by the Bureau of Scientific Research. After making a very thorough investigation they succeeded in inducing a man in the province of Ontario to invest sufficient capital.

Mr. J. H. SINCLAIR: What kind of food will this plant produce?

Mr. A. K. MACLEAN: Cattle feed—linseed oil cake, and products of that character. The Bureau have also been considering the desirability of securing the establishment of a similar institution on the northern coast of the province of New Brunswick, and another on the Pacific coast.

Mr. McKENZIE: Will this enterprise be able to utilize dog fish?

Mr. A. K. MACLEAN: The Bureau of Scientific Research have given some attention to that matter, but I am not in a position to say how far advanced they are in their investigations. I know they are of the opinion that the plants that were erected some years ago for reducing dog fish, and which have since been abandoned, were not suitable for the purpose. They are further of the view that proper management was not secured either for the plant at Canso or for the one at Sable island, and that not sufficient scientific work was done while these plants were in operation. They think that a great many of the difficulties that confronted these plants might have been overcome had the proper men been in charge.

Mr. J. H. SINCLAIR: The minister may not be aware that a private company has been engaged in reducing fish offal for fertilizer for some years past. Will the new concern that is starting utilize dog fish in making cattle feed?

Mr. A. K. MACLEAN: I do not know whether it would be suitable for making cattle feed; I doubt very much whether it would. It would all depend on the success they had in extracting the oil from the fish.

Mr. COPP: This new concern is not being bonused at all? It is all private capital?

Mr. A. K. MACLEAN: All private capital. It is not being bonused.

Mr. COPP: That will come later, I suppose.

Mr. A. K. MACLEAN: At one time it would have been a fair question whether the