

fact that the fish grows rapidly during the spring and summer and less rapidly in the fall and winter. During the spring-summer growth the ridges are widely separated, and during the fall-winter they form a dense band of closely spaced ridges. Hence the scale is mapped out in a definite succession of bands of wide and narrow ridges, the two together constitute the record of a year's growth. Age may therefore be determined easily and reliably, as Dr. Gilbert has shown in previous reports published by the Provincial Department. Having demonstrated that the progeny of the Fraser sockeye returns to that river to spawn, and that this is true of all the runs to the rivers and creeks in British Columbia, no matter how small or near together they may be, the fish return to the river in which they were hatched, Dr. Gilbert in the present paper presents further evidence by which he demonstrates that the sockeye runs to each separate section of the Fraser

basin are as distinctively populated as though located in separate streams independently entered from the sea. This is shown by an examination of the nuclear area of the scale that part of the scale that was formed on the young in the first year of their growth in fresh water. The report contains thirty-four plates of microscopic reproductions of the scales of sockeye, the majority of which show the centre of the scale only. Dr. Gilbert's present paper is of great value and interest, and adds materially to the series of reports on the salmon of the Province issued by the Department.

GOLDEN JUBILEE OF ROYAL BANK

On Saturday, October 18th, the Royal Bank of Canada celebrated its Golden Jubilee. As the Merchants Bank of Halifax it opened its doors for business fifty years ago, October 18th, 1869, with a capital of \$300,000 and a reserve fund of \$20,000, total deposits of \$284,655, total loans of \$266,970, and total assets of \$729,000.

For a number of years it confined its business to the Maritime Provinces but in 1887 a branch of the bank was opened in Montreal with Mr. E. L. Pease as manager. In 1897 a leap was made from Montreal to Vancouver and in the following year a branch was opened in Havana, Cuba. In that year Mr. Pease was made joint general manager in charge of the business outside of the Maritime Provinces. In 1901 the name was changed to Royal Bank of Canada and in 1907 the head office of the bank was moved from Halifax to Montreal. From that date to this it has expanded faster than any other Canadian chartered bank. Since 1907 the Royal has absorbed the Union Bank of Halifax, the Traders Bank of Canada, the Quebec Bank and the Northern Crown Bank, and during the current year it has entered into the close reciprocal relations with the London County Westminster and Parr's Bank, Ltd., of London, Eng. To-day the Royal Bank has 615 branches and 42 sub-branches, with a capital, paid up, of \$16,163,000, reserve fund, \$16,406,000, total deposits \$381,307,000, total loans \$272,115,000, and total assets \$470,870,000.

The leading officials of the Royal Bank and the Board of Directors are as follows:

Sir Herbert S. Holt, president; E. L. Pease, vice-president and managing director; James Redmond, C. E. Neill, G. R. Crowe, Sir Montimer B. Davis, D. K. Elliott, G. H. Duggan, Hon. W. H. Thorne, C. C. Blackadar, Hugh Paton, John T. Ross, A. J. Brown, K.C., R. MacD. Paterson, W. J. Sheppard, W. H. McWilliams, C. S. Wilcox, Capt. Wm. Robinson, A. E. Dymont, A. McTavish Campbell, Robert Adair.

The head office staff includes E. L. Pease, managing director; C. E. Neill, general manager; F. J. Sherman, assistant general manager; M. W. Wilson, superintendent of branches; G. W. MacKimmie, general inspector; S. R. Noble, general inspector; S. G. Dobson, general inspector; S. D. Boak, secretary; L. P. Snyder, supervisor of bank premises.

The supervisors of the various districts are: Stuart Strathy, supervisor of Ontario branches; B. B. Stevenson, supervisor of Quebec branches; A. D. McRae, supervisor of Maritime Province branches; R. Campbell, supervisor of Central Western branches; C. W. Frazee, supervisor of British Columbia branches; J. R. Bruce, supervisor-general southern business; F. J. Beatty, supervisor of Cuban branches; W. A. McKinlay, supervisor of branches in Porto Rico and Venezuela; C. C. Pineo, supervisor of South American branches.

PROMINENT BANKER ON TOUR

Mr. G. C. Cassels, assistant general manager of the Bank of Montreal, in charge of the European business of the bank with headquarters in London, Eng., was a visitor to the Province during the week. This is his first vacation since the outbreak of war and he is taking an extended tour of Canada partly on pleasure and partly to see at first hand conditions in every Province.



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RESERVE FUND	-	9,000,000
DEPOSITS, &c.	-	267,966,438
ADVANCES, &c.	-	81,072,134

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