PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF ATTORNEY-GENERAL

REPORT

OF

PROVINCIAL GAME COMMISSIONER

FOR THE YEAR ENDED

DECEMBER 31ST, 1933

PRINTED BY
AUTHORITY OF THE LEGISLATIVE ASSEMBLY.

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1934.

To His Honour J. W. FORDHAM JOHNSON,
Lieutenant-Governor of the Province of British Columbia.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to submit the Report of the Provincial Game Commissioner for the year ended December 31st, 1933.

GORDON McG. SLOAN,
Attorney-General.

Attorney-General's Department,
Victoria, B.C., 1934.

OFFICE OF THE GAME COMMISSIONER,

VANCOUVER, B.C., January 31st, 1934.

Honourable Gordon McG. Sloan, K.C., M.P.P.,
Attorney-General, Victoria, B.C.

SIR,—I have the honour to submit herewith my Report as Provincial Game Commissioner for the year ended December 31st, 1933.

I have the honour to be,
Sir,
Your obedient servant,

A. BRYAN WILLIAMS,
Game Commissioner.

REPORT *of the* PROVINCIAL GAME COMMISSIONER 1933.

GENERAL SUPERVISION.

In spite of the continuance of the depression and the many drawbacks with which the Game Department has had to contend, it is highly satisfactory to be able to report that game conditions are generally excellent. A better idea of the general conditions is given in the reports of the officers in charge of the various divisions.

From these reports it is very apparent that, with the exception of deer and pheasants on the Coast, the condition of game and fur-bearers is as good as we could possibly expect. Big game in particular is in a flourishing condition and our experiments in stocking new country with wapiti and mountain-sheep appear to be highly successful.

Our system of trap-line registration is not only meeting with general approval, but is producing good results with practically every species of fur-bearing animal.

On the whole, while many improvements which we had hoped for have not been possible, we can still claim that British Columbia is the finest game and fishing country on this Continent.

The close co-operation between the Provincial Police and Game Wardens continues as formerly. Game Wardens have this year done a considerable amount of valuable work in assisting the police, and, on the other hand, the police have unquestionably rendered the Game Department most valuable assistance, particularly in districts where we are not able to afford to have our own officers stationed. Without their assistance not only would game suffer, but there would also be a further loss of revenue.

In addition to once more expressing appreciation to the Commissioner of Provincial Police, the Assistant Commissioner, and all officers and men of that Force, our thanks are also due to members of the various Game Associations who have given us most valuable assistance and encouragement in our work.

"IN MEMORIAM."

It is with deep regret that the death of two members of the Game Department during the year is reported.

Game Warden A. S. Cochran, after serving with the Department before and during the World War, was reappointed in 1929 and served as Game Warden in the Windermere District until June 18th, 1933, on which date he died after a brief illness.

Mr. T. H. M. Conly, after approximately sixteen years' service with the Department as a clerk, passed away after a brief illness on July 15th, 1933.

ANNUAL MEETING.

The annual meeting of the various Inspectors and Sub-Inspectors in charge of each division of the Province was again held this year, when everything which in any way affects the work of this Department was thoroughly discussed, and many problems over which there was a considerable difference of opinion were satisfactorily settled.

FUR-BEARING ANIMALS.

The situation with regard to fur-bearing animals is quite satisfactory. There is not the slightest doubt that our system of trap-line registration is still producing most excellent results. In fact, it has unquestionably been the salvation of our fur-bearing animals, notwithstanding the fact that the stock of certain classes of fur-bearers, such as fox, fisher, and lynx, depends to a great extent on their food-supply.

While there was a decrease of 883 beaver on which royalty was paid, this does not mean that the beaver themselves have decreased in numbers. In fact, the very reverse is the case. Unfortunately for the trappers, many of whom now have numbers of beaver on their lines, there has been so little demand for this class of fur that the price of the pelts has remained very low, though practically all other pelts have been steadily increasing in value. Consequently, the majority of trappers prefer to let their beaver live until better prices can be obtained.

Due to the large increase in the value of marten-pelts, the trappers who for several years have been taking care of their stock as they should have reaped their reward. Altogether,

royalty was collected on 11,433 marten, which is far above the average for the past ten years and the greatest catch on record since 1928, when prices were at their highest.

This has also been a record year for silver fox, the majority of which are ranch-bred. The average number of silver fox marketed in the past ten years is only 329, but last year 917 were marketed, and this year the number rose to 2,174. The prices of these pelts have increased enormously, and apparently the fox-farming industry in British Columbia has not suffered in spite of the depression.

Cross and red fox, practically all wild stock, have also been marketed in greater numbers.

The number of lynx has also improved considerably, though the total did not come up to expectations, as the splendid food-supply of rabbits, on which these animals are principally dependent for food, should have brought an even greater increase.

Our records show that 17,066 mink were taken this year, which is nearly 2,000 over the average for the past ten years and the largest catch since 1926.

There was a small increase in the number of fisher taken, but a decrease was noted in the number of weasel and muskrats, the latter being principally due to winter freezing. In spite of the decrease, however, the number of both species taken was considerably higher than the ten-year average.

As the price of furs seems to be steadily rising, there is every prospect for a successful trapping season next year.

DEER ON THE COAST.

During the past year the Coast deer have been suffering considerably from disease. While there has been quite a mortality on the islands in the vicinity of the City of Vancouver, Vancouver Island (and the west coast in particular) has suffered most severely. In that area hundreds of deer have died during the past year, the mortality being principally due to a disease commonly known as fluke-liver, and to a lesser degree to a sickness caused by lung-worms. These epidemics occur periodically and are something over which we have no control, but which will probably disappear in a short time, when a rapid increase of our stock will be noted.

Unfortunately, disease does not seem to have attacked the deer in those particular districts where farming is carried on and they are becoming a nuisance.

PHEASANTS.

For the past two years, while our winters on the Coast have not been exceptionally severe, they have been sufficiently so to cause a small mortality among our pheasants. This loss, however, would not have affected the stock to any material extent had we not had two of the worst breeding seasons that have occurred in many years. This year, at the very time that we wanted fine weather, there was a succession of storms which caused serious losses among the newly hatched chicks. Consequently, the pheasant-shooting was not nearly as good as we should like to have it.

It is impossible to keep up a stock of this species of game bird unless you have a good breeding season, but unfortunately most people do not realize this fact and the Game Department gets blamed because the pheasant-shooting is poor.

It is true that vermin is prolific, and this has also had a very serious effect on the stock of birds, but at no time in the history of the Province has so much attention been given to the destruction of vermin. All Game Wardens spend a great deal of their time at this work, and they have been ably assisted by private individuals. Still, no matter how much vermin is killed or how many birds are released from the Game Farm, a good breeding season is of vital importance.

While the Coast has suffered from a lack of pheasants, the reverse has been the case in the Interior of the Province. Every district had an increased number of birds, particularly the North Okanagan, where last season's shooting was probably the best ever known since pheasants were introduced on this Continent.

CAPERCAILZIE.

In last year's report mention was made of the possibility of some of the capercailzie which were imported in the year 1906 having survived. This year further reports have been received in this connection.

Birds which were believed to be large grouse were seen some distance up the Capilano River in the vicinity of the City of Vancouver, and the description given was very much like that of capercailzie. Another report came from the Alberni District of Vancouver Island, where two birds said to resemble small turkeys were seen. The third report was made by a man who has shot capercailzie in Norway and consequently knows the birds well. This gentleman positively identified one of these birds in the Cariboo District where it had been brought to his attention by two prospectors. Yet another report was received from a trapper in the Cariboo District, but unfortunately this man died before a proper description of the birds was obtained.

From the above it appears that some of these birds are still in existence.

DISTRIBUTION OF GAME.

Seventeen beaver were trapped on the Bowron Lake Game Reserve and liberated in the Central and Southern Interior districts of the Province.

Twenty-five wapiti were obtained from the Dominion Parks Branch at Wainwright, Alberta, and liberated at the north end of Adams Lake. In addition, thirty-one of this species of game were captured near Penticton, where they were doing damage to the orchards, and were liberated in the vicinity of Princeton, in the Similkameen District.

Fourteen sheep were captured at Squilax and were liberated at Squam Bay, Adams Lake.

Nineteen fallow deer were captured on James Island and liberated on South and North Pender and Saturna Islands.

RESIDENT LICENCE FEES.

During the past year there has been an agitation to have the ordinary firearms licence fee reduced to its old price of $2.50. The increase in the fee for this licence was made in accordance with the wishes of a large majority of the Game Associations of this Province, who wished to see an increased staff of Game Wardens, a better Game Farm, with the consequent release of an increased number of pheasants, and a general improvement of the whole work of the Department. It was hoped that, by raising the licence fee, money for this purpose would be forthcoming, but unfortunately no one could foresee the continuance of the depression and that the extra dollar charged for this licence, which in the years of plenty would never have been noticed, would be the means of preventing numbers of men from buying licences. Nor could any one foresee the necessity for issuing such a number of free licences to prospectors and the effect this would have on our revenue.

At any rate, instead of increasing our revenue, we have had a small decrease and the much-needed improvements which were anticipated have not come about. On the other hand, further economies have had to be made.

Just what effect the dollar increase actually had on our revenue is problematical. Nevertheless, there is no doubt that there are just as many to-day agitating for a reduction of the licence fee as there were formerly for the increase.

Had prosperity continued, while we might not have had the large increase that we anticipated, it is not at all likely that we would have had any loss. However, under present conditions there is a great possibility that some reduction of our licence fees would result in a larger number being sold and an increase of revenue.

REVENUE.

Though we hoped that there would be no further decrease in our revenue, unfortunately such was not the case.

While there was a small loss in revenue from our resident licence fees and also in the sale of confiscated furs, our great loss was in non-resident licences and trophy fees, which, in all, amounted to $3,703.

Royalty collections and fur-traders' licence fees were higher, however, so that the total decrease approximated only $1,500.

The prospects for increased revenue next year are considerably brighter than they have been for several years past. The increase in the price of pelts makes it probable that more money will be collected from trappers' licences and royalty.

In addition, a far greater number of inquiries have been received from prospective non-resident hunters and fishermen this year than for several years past. Many letters of inquiry have already come from various parts of the United States and Europe, and also a few from

India, China, and South Africa, so that, with the general improvements which now seem to have started, our receipts should show a steady annual increase.

GAME FISH CULTURE BRANCH.

The report of the officer in charge of the newly established Game Fish Culture Branch of the Game Department should not only be of great interest, but highly satisfactory to those who are anxious to see an improvement in our stock of sporting fish.

Owing to the small amount of money received from the sale of resident anglers' licences, it has been impossible to meet the numerous requests from every part of the Province for assistance in improving fishing conditions, but these requests have all received consideration, and when more funds are available an effort will be made to meet the requirements of those considered worthy of development.

Owing to the necessity for rigid economy, the purchase of an oxygen-tank for the transportation of our fish to the waters where they are to be planted was not possible, but before long such a tank will become an absolute necessity, as it will not only be an extremely expensive matter to transport fingerlings in ordinary fry-cans, but the mortality will be far greater, to say nothing of the excessive labour in aerating the cans en route. If our operations are to continue as successfully as they promise to be, an oxygen-tank is necessary, and would undoubtedly pay for itself within the first year owing to the present excessive cost of hiring trucks to transport the fry-cans.

Once again the Department wishes to extend its most sincere thanks to Major J. A. Motherwell, Chief Supervisor of the Dominion Fisheries Department, and members of his staff, for their co-operation and readiness to assist in every possible way. We have also received much valuable advice from Dr. W. A. Clemens, Director of the Pacific Biological Station at Nanaimo, and all members of his staff.

"A" DIVISION (VANCOUVER ISLAND AND PORTIONS OF THE MAINLAND COAST).

By J. W. Graham, Officer Commanding.

I beg to submit herewith my annual report covering game conditions in "A" Division for the year ended December 31st, 1933.

Game Animals.

Wapiti (Elk).—These animals have shown a decided increase on Vancouver Island. They are reported as spreading from the Shaw Creek Game Reserve, and from observations made by two Game Wardens while on patrol up the Nitinat River last July, elk were found quite numerous at the headwaters and west of this river. Many reports have been received regarding wapiti at Nanaimo Lakes, which are believed to number about forty. The smaller bands along the west coast have all been reported on the increase, while in the Courtenay District, where elk have been observed, it has been noticed that there is a spreading of smaller bands, particularly around Buttle Lake and Tsable River. The larger bands in the Elk Valley and up the Oyster River have shown an increase this year.

Bear.—Bear are reported fairly plentiful throughout most of the districts of Vancouver Island and have shown an increase in the Courtenay area. A few complaints were received of damage done to sheep by these animals.

Brown or grizzly bear are found only in that part of the Division around Knight, Kingcome, and Seymour Inlets, and also in Thompson and Mackenzie Sounds, where they are fairly numerous.

Deer.—Reports have been received of deer not being as plentiful as in previous years. In the Courtenay District during the last few years large numbers of deer have died from two distinct forms of disease, locally described as "liver-fluke" and "lung-worms." Cougar also have no doubt been the cause of the decrease in deer in some parts of Vancouver Island. Around the agricultural areas deer are still fairly plentiful and have been the cause of many complaints from farmers. Naphthalene flakes have been used at times to keep deer out of the fields and in some instances have proven quite successful in preventing any further damage taking place.

Mountain-goat.—On the Shaw Creek Game Reserve mountain-goat have not been observed away from the high levels where they originally took up their abode after liberation. Owing to

the amount of snow in that vicinity at the time when a patrol was made into the reserve last summer, the Game Wardens were unable to reach the usual haunts of these animals, but it is believed that they are increasing slowly.

Fur-bearing Animals.

Beaver.—A good increase in some portions of the Division has been noted in respect to beaver. Complaints have been received of these animals doing damage to private property and to public roads.

Otter.—These animals are scarce throughout the Division.

Marten.—While not plentiful, marten are to be found throughout the Division.

Mink.—These animals are not very plentiful, although in certain sections good catches have been obtained.

Racoon.—Throughout the Division racoon are fairly numerous.

Muskrats.—Muskrats are plentiful and continue to be a menace to the agricultural lands, but have been trapped quite extensively by trappers and others under authority of special permits when these animals have been found to be doing damage.

Upland Game Birds.

Grouse (Blue).—These birds are reported as being fairly plentiful in the Cowichan and Alberni Districts and scarce along the west coast of Vancouver Island. Cold weather prevailed in all districts during the nesting season, which resulted in late hatches and small birds.

Grouse (Ruffed).—No increase has been observed in any part of the Division and these birds are not plentiful.

Quail.—In the vicinity of the City of Victoria quail are plentiful, but in other portions of the Island are scarce.

Partridges.—European partridges have only been reported in the Saanich District and in the vicinity of Victoria and are not plentiful.

Ptarmigan.—In the higher mountain regions of Vancouver Island a few ptarmigan are to be found.

Migratory Game Birds.

Ducks.—Throughout the whole of this Division ducks have been reported as plentiful.

Brant.—Brant are considered scarce. In the months of March and April, during the migration period, large flocks of these birds have been observed going north to their breeding-grounds.

Geese.—These birds are scarce, with the exception of the west coast of Vancouver Island, where they have been reported fairly plentiful.

Swans.—Quite a number of swans have been seen in small flocks in the Campbell Lake, Courtenay, Qualicum, and Cowichan Lake areas.

Vermin.

Cougar are reported as still quite numerous and bounty was paid during the year for the destruction of 501 cougar on Vancouver Island, while a number were destroyed by Game Wardens. Many complaints were received of damage done by these animals both to private stock and to game. These complaints were investigated by Game Wardens and in a number of cases with good results.

Wolves are increasing and several have been destroyed in the Alert Bay District. Complaints have been received from Heriot Bay regarding a number of sheep killed by these animals.

During the year 294 domestic cats gone wild have been destroyed by Game Wardens.

Noxious birds destroyed by Game Wardens during the year are as follows:—

Crows	530	Hawks	43
Ravens	77	Owls	3
Eagles	20		

Game-protection.

Continuous patrols have been carried out during the year and, despite the large territory to be covered by each Game Warden, good results have been obtained. The unemployed situation made the work of the Game Wardens far more difficult than in past years. Eighty-four

informations were laid, resulting in seventy-eight convictions for violations of the Game and Fishery Acts and regulations. Nine of the convictions were obtained under the Special Fishery Regulations and sixty-nine under the "Game Act," eight of which were for violations of section 11 (2) of the Act.

Game Propagation.

During the year 885 pheasants were liberated on Vancouver Island from the Elk Lake Game Farm, as follows:—

Saltspring Island	70	Nanaimo	88
Duncan	149	Parksville	54
North Pender Island	6	Courtenay	88
Victoria-Sidney	268	Alberni	88
Sooke	30	Ladysmith	44

All of the birds released in the above-mentioned districts were in excellent condition.

Game Reserves.

In this Division the game reserves are Mount Douglas Park, Little Saanich Mountain, Elk and Beaver Lakes, Shaw Creek, Strathcona Park, and the Forbidden Plateau. Apart from these reserves, there are also the following bird sanctuaries in the Victoria District: Victoria Harbour Bird Sanctuary, Shoal and Roberts Bay, and Esquimalt Lagoon.

As these reserves are carefully patrolled they have proven a great asset from a standpoint of game-conservation.

Fur Trade.

There is not a great deal of trading in fur carried on in this Division, as the majority of fur trapped is shipped direct to Vancouver or other outside markets. Royalty is collected only in small amounts, due to the fact that this tax is only collected on export or upon shipment to a tanner within the Province.

Fur-farming.

A number of fur-farms are still being operated on Vancouver Island, and although the low price of fur has been a drawback, some of these fur-farmers seem to be doing fairly well.

Registration of Trap-lines.

In this Division there are approximately 484 registered trap-lines. The system of registration has proven most successful and is a great aid in the conservation of fur.

Registration of Guides.

Very little information can be given under this heading, due to the fact that there are practically no registered guides in this Division.

Special Patrols.

Many patrols were made by the Game Wardens during the year, but two special patrols were made up the West Coast, one into Shaw Creek Game Reserve and one to Port Renfrew by way of the Shaw Creek Game Reserve. These patrols have had a very good effect.

Hunting Accidents.

There was but one hunting accident in this Division during the year, which resulted in the death of one Stanley Bayne, of Beaver Creek, Alberni, B.C.

On June 29th, 1933, Mr. Bayne was reported shot in his field by some person or persons unknown. Mr. Bayne was conveyed to the West Coast Hospital, where he died the following day. After investigation Ralph Emery was placed under arrest on a charge of "manslaughter," and a preliminary hearing was held at Alberni, when he was committed for trial at the Assize Court in Nanaimo.

It was found that Emery had been out driving and had taken a rifle along with the intention of shooting a deer which he had often seen in the Bayne field. Two shots were fired at the deer, which was in a direct line with the Bayne farm, and unfortunately Mr. Bayne was in that direction and was hit by one of the bullets which resulted in his death.

On October 12th, 1933, Emery was tried at the Assize Court in Nanaimo and was found "not guilty."

Emery was not a British subject and was not the holder of a firearms licence. He was therefore charged under the "Game Act" and was fined the sum of $60, which he paid.

Summary and General Game Conditions.

The usual complaints have been received from farmers regarding damage done by deer. Doe deer especially are becoming a nuisance to the farmers and many requests have been received for an open season on doe deer. These deer breed in close proximity to farms and scarcely ever feed in the daytime, but at night leave their young and make raids on the farmers' crops. It might be advisable to open the season on doe deer during 1934.

Game conditions have been fairly good and, despite the many unemployed, the licence returns show a little decrease over 1932, but in some parts of the Division returns show an increase. A close check has been kept on the issuance of farmers' ordinary firearms licences and prospectors' firearms licences. Very few non-resident firearms licences were issued.

The deer-tag system now in use is a decided improvement, although in some instances it has been brought to notice where the tags have been experimented with and infractions committed. This, however, might be avoided by some slight amendment to the regulations.

All parts of the Division have been continually patrolled and complaints investigated and attended to by the Game Wardens in their respective districts.

Considering the large area being patrolled by the eight Game Wardens in this Division, results have been most satisfactory. I again wish to express my appreciation of the co-operation and support given me throughout the year by the Game Wardens, and I also wish to thank the members of the B.C. Police Department for their assistance and co-operation.

"B" DIVISION (KOOTENAY AND BOUNDARY DISTRICTS).

By C. F. Kearns, Officer Commanding.

Herewith I beg to submit my annual report covering game conditions in "B" Division for year ended December 31st, 1933.

Game Animals.

Deer.—Mule-deer are plentiful and white-tail deer are also numerous, with the exception of Kettle Valley, Okanagan, and Similkameen Districts, where they are comparatively scarce. It is unanimously conceded that deer are more abundant in all sections than at any time within the memory of the oldest residents. This does not refer to specific localities like the Kettle Valley, which has always been a favourable winter ground for these animals, but to some sections where a score or more years ago deer were almost a rarity. During the past year numerous complaints were received from farmers and fruit-growers in the Kootenays, Arrow Lakes, and Okanagan sections, particularly with reference to damage done by deer during the early spring and summer with regard to browsing on young fruit-trees. In this connection naphthalene flakes were supplied gratis by the Game Department and in the majority of cases were very efficacious in keeping deer from orchards and garden-plots.

Moose.—Moose are still increasing and extending their range and have definitely established themselves in sections where they were hitherto unknown, and there is no reason why they should not continue to spread in suitable sections of the country.

Wapiti (Elk).—Elk are particularly plentiful in the Rocky Mountain section of the East Kootenay and continue to increase and extend their range.

Caribou.—These animals did not suffer to any great extent from the short open season last fall and are in sufficient numbers to permit an open season next year.

Mountain-goat.—Mountain-goat are well established and distributed over the Division, and with the exception of the Similkameen, Lower Okanagan, and Boundary Districts are definitely numerous.

Mountain-sheep.—These animals are well established in the Rocky Mountains and are particularly plentiful in that area adjacent to the Elk River Game Reserve. In other sections, owing to the lack of suitable terrain, they are not numerous. Small bands are to be found in the watershed north and east of the Upper Arrow Lakes and the headwaters of Sheep Creek north of Rossland, the vicinity of Okanagan Falls, and in the Ashnola section of the Similka-

meen. From information received their numbers are not appreciably diminishing, although no great increase has been noted.

Bear.—Black and brown bear are well distributed, as also are grizzly on the higher ranges. These latter-mentioned animals are not plentiful in the Similkameen, Okanagan, and Boundary Districts.

Fur-bearing Animals.

The main fur-catch for this section of the Province is mink, marten, lynx, and weasel, and these fur-bearers may be regarded as fairly plentiful. Otter and fox are trapped occasionally, while fisher and wolverine are sparsely distributed. Beaver and muskrats are definitely on the increase. With the present system of trap-line registration the danger of overtrapping any particular locality has been limited to a great extent, and there is no reason why the 500 trap-lines in this Division should not continue to produce a varying income for the individual trappers —according to the price of fur—for an indefinite period.

Upland Game Birds.

Blue, ruffed, and Franklin's grouse are well able to stand the present open seasons, and while in the neighbourhood of the larger settlements their numbers are not numerous, they are still firmly established and apparently in no danger of undue decimation by hunters.

There are a few flocks of prairie-chicken in the East Kootenay Valley, but are not numerous, although they appear to be increasing. A few of these birds are also found in the Boundary District.

Ptarmigan are to be found in small numbers throughout the Division, but owing to their comparative inaccessibility they are little hunted.

Pheasants.—These birds are abundant in the Similkameen and Lower Okanagan and have increased considerably in the Creston and Grand Forks area, where the initial stock was released a few years ago.

Partridges.—With the exception of the Lower Okanagan and Similkameen Districts, where these birds are in fair numbers, they do not appear to show any inclination to establish themselves in the remainder of the Division. Partridges are often reported in the Boundary, Arrow Lakes, West Kootenay, East Kootenay, and Columbia Valley, but it is considered that these birds are more or less transient in those sections.

Quail.—Quail appear to be holding their own in the Lower Okanagan and Similkameen, where they are found in fair numbers.

Migratory Game Birds.

The main nesting-places for water-fowl are the Lower Okanagan, the Duncan River at the head of Kootenay Lake, and the Kootenay River from Kootenay Lake to the International Boundary, and the Columbia River from its source in Columbia Lake to a short distance below Golden. However, a myriad of small lakes and sloughs throughout the Division also supply considerable nesting-sites for limited numbers of geese and ducks. There was a marked and definite increase during the past season both in the local-bred ducks and migratory water-fowl from the north. Very good sport was obtained, particularly in the Creston area and in the East Kootenay north from Canal Flats. A few swans were noted in migration, but do not appear to nest in this Division, with the exception of the Vaseaux Lake Bird Sanctuary.

Vermin.

Ninety-four hawks, 745 crows, 832 magpies, 71 owls, 18 eagles, 64 cats, 20 dogs, 54 coyotes, and 3 cougar have been destroyed by Game Wardens on patrol during the year. Coyotes taken by trappers also amounted to 286.

Game-protection.

The present period of depression has been particularly trying from a standpoint of game-protection, and a general impression appears to be current that the Game Regulations are more elastic than in previous years. A bombardment of requests to kill deer for food during the close season, not only from country residents and prospectors, but also from people in the urban centres, who feel that they should also participate. Needless to say, while worthy cases have been given every consideration, considerable caution has been exercised and any permits issued by Game Wardens have been strictly governed by local game conditions.

The position of the Game Wardens in endeavouring to enforce the Game Regulations has been far from envious, especially in districts like Fernie, where the closing-down of the coal-mines has resulted in a large proportion of residents being dependent entirely on relief measures. A number of prosecutions in that section, as well as in other parts of the Division, resulted in the paradoxical situation of the Game Warden who laid the information and prosecuted for a violation of the "Game Act" also requesting the presiding Magistrate to exercise leniency on account of the distressing circumstances of the accused. In this connection a number of deferred sentences were imposed for game violations during the year.

The Game Wardens have been very active throughout the Division and patrolled constantly both winter and summer. Convictions for offences under the "Game Act" during the year numbered seventy-eight; this total also including prosecutions under the Special Fishery Regulations.

Game Propagation.

As well as stocking the Similkameen, Okanagan, Grand Forks, and Creston Districts, pheasants from the Provincial Game Farm were also released at suitable points on the Upper and Lower Arrow Lakes and Columbia Valley. These birds are doing well and have increased their numbers since being liberated. It is hoped fresh stock will be turned loose next spring, and it is believed that the above-mentioned areas, particularly the Columbia Valley, will prove as successful an experiment as in the case of the Okanagan District.

Game Reserves.

The Elk River Game Reserve has been patrolled constantly both summer and winter by the Game Wardens stationed at Fernie and Canal Flats. This area is a magnificent stretch of well-watered mountainous country with abundant pasturage. Not only is it an ideal propagation area for elk, moose, sheep, goat, and deer, but it offers a sanctuary for fur-bearing animals. Its value is amply proven by the abundance and variety of game both within and without its borders. The big-game hunting in the White River area and the Palliser Valley adjacent to the Game Reserve cannot be surpassed for sheep, goat, elk, moose, and both white-tail and mule deer.

Patrolling the game reserve during the winter-time is an arduous and difficult matter on account of the numerous streams, rough going, and, in places, heavy snowfall. In this connection Game Warden Sinclair, of Canal Flats, is to be commended for the capable manner in which he has continually made extensive and arduous patrols during severe winter weather. These patrols are necessary to ensure that the stock of fur-bearing animals, particularly beaver in the Middle and North Forks of the White River, are not molested by poachers.

The deer sanctuary along the Wigwam River, near Elko, is and has been a great benefit as a winter yarding-ground for deer, particularly during the later part of the open season. There is a strong feeling among the sportsmen that this sanctuary should be converted into a game reserve, which would simplify the task of protective measures thereon, as at the present time hunters are not debarred from taking firearms across the sanctuary or closed area.

Vaseaux Lake in the Lower Okanagan and the lake-front at Nelson still continue to demonstrate their great worth as sanctuaries for water-fowl.

Fur Trade.

The bulk of the fur trade in this Division goes to Vancouver and comparatively little fur is exported direct to the Prairie Provinces or the United States. Since the price of fur has shown an upward trend a number of local dealers have taken out fur-traders' licences.

Fur-farming.

The various fur-farms in the Division appear for the most part to have weathered the slump successfully, and now that prices are looking up again they express a great deal of optimism for the immediate future.

Registration of Trap-lines.

There is no complaint with regard to our present system of trap-line registration and it is operating very successfully.

Registration of Guides.

There are fourteen registered guides in this Division.

Special Patrols.

While few patrols could be classed as "special," the following are worthy of mention:—

Game Wardens Cameron and Washburn made a patrol into that section of the Elk River Game Reserve embracing the watersheds of the Bull and Elk Rivers during the month of January, 1933. They carried supplies on their backs and were absent twenty-one days. They reported very heavy going in powdery snow, particularly over the Brule Creek Divide in sub-zero weather, when it was 40° below zero. During the trip they spent only two nights under a roof. Much definite information was obtained regarding big game and winter-feeding conditions and no evidence of trappers poaching in the game reserve was observed.

For many years Game Wardens have been handicapped by the difficulty of securing information and convictions against non-residents, particularly those who enter British Columbia by the isolated passes through Alberta and across the United States border. Convictions, difficult enough when a Game Warden is alone, were further complicated by the necessity of bringing the accused about 100 miles or more on foot through rough country, particularly when a large outfit of pack-horses was concerned. In some instances the only convenient manner of bringing offenders before a British Columbia Justice would be to re-enter Alberta or the United States, which would remove the offender from the jurisdiction of a British Columbia Game Warden.

It was felt that a Justice of the Peace should accompany Game Wardens on such patrols, and for this purpose I was appointed a Justice of the Peace. Subsequently I accompanied Game Wardens Sinclair, Washburn, Cameron, and Rauch on patrols to the Alberta and United States boundary and the Palliser and Elk River Valleys in the Flathead District. These patrols resulted in thirteen convictions under the "Game Act." The offenders were tried in the locality where they were found and minimum fines were imposed in nearly all instances, which were paid.

Hunting Accidents.

On March 15th, 1933, Mrs. Harrington was shot in the left thigh with a 22-cal. high-powered rifle by Mr. Harrington, of Peachland. Mr. Harrington was passing through the doorway of his home when the rifle went off and Mrs. Harrington fell to the floor. Her left thigh was shattered and she was removed to the Penticton Hospital.

On June 2nd, 1933, Miss Ruby Sweet, Waldo, age 15, was accidentally shot in the hip by R. E. Shumard, age 18, who was shooting gophers on his stepfather's ranch. Shumard's firearms licence was cancelled.

On November 5th, 1933, Nils K. Johnson, Grand Forks, was out hunting with Ted Wright, also of the same city. Both hunters were crossing windfalls when Johnson took his rifle by the muzzle to knock some brush out of the way, when it was discharged, the bullet passing through his chest, killing him instantly. Age 16.

On November 23rd, 1933, Crossley Taylor, of Gray Creek, while out duck-shooting, slipped and shot himself in the upper arm. He died on November 24th from his injuries. Age 31.

Alexander Sherwood, of Fernie, disappeared while hunting with three companions near Manistee Lake on December 10th, 1933. His companions searched assiduously for him, later assisted by the British Columbia Police and Game Wardens and a number of local residents. Their search was hampered by a heavy snowfall and his body was not located until December 23rd. The Coroner's inquest held at Fernie on January 3rd brought in a verdict of accidental death through a gunshot wound from the deceased's own rifle. The deceased, according to those who knew him well, was in the habit of hunting with the safety-catch off his rifle, and it is presumed that he slipped and fell while going down a side-hill.

Summary and General Remarks.

The present winter has been a very open one and from present indications will not be hard on game. Not so many deer were killed this season as formerly, although there was a two-week open season on does. There has been some slight feeling that our open season on deer was a trifle too generous, but it does not seem that the bag taken was any larger, if as large, than in previous years. Big game was easily obtained in the East Kootenay, especially moose, elk, sheep, goat, and both white-tail and mule deer, while a number of bear (brown, black, and

grizzly) were shot during the spring. The only natural comment to be made after viewing our stand of wild life during all seasons of the year, particularly on the winter feeding-grounds, is that in this Division we have plenty of game. Even the most pessimistic hunter will endorse this statement unhesitatingly.

During the past year the Game Wardens, in addition to their regular duties, have co-operated with the other forces as they have been accustomed to do in previous years. Much cordial assistance has been tendered the Game Wardens by members of the British Columbia Police and the Provincial Forest Branch, both in the way of personal service and the use of equipment.

The constructive suggestions and recommendations of the various Rod and Gun Clubs in the Division have also been most encouraging and helpful in all matters relating to game propagation.

"C" DIVISION (KAMLOOPS, YALE, OKANAGAN, CARIBOO, AND CHILCOTIN DISTRICTS).

By R. M. Robertson, Officer Commanding.

I have the honour to submit herewith my annual report on game conditions in "C" Division during the year ended December 31st, 1933.

Game Animals.

Moose are steadily increasing throughout the northern part of the Kamloops District and are frequently seen very close to Kamloops, and particularly in the Deadman Creek District, north and south of the 51st parallel of latitude.

There is a tendency for moose throughout the whole Division to trek south. Reports are continually coming in showing a steady increase in numbers heading southward. Residents in the mountainous country near Barkerville report a thinning-out in the number of moose, but this may be attributed partly to the ever-increasing number of prospectors throughout the northern area and perhaps more particularly to a natural migration to the south. However, the consensus of opinion among the residents and from the observations of the Game Wardens is that moose have increased in number to a surprising degree in this Division.

The mountain-sheep liberated near Squilax several years ago are doing exceptionally well. Fourteen sheep were trapped from this band during the year just ended and were liberated at Squam Bay, on Adams Lake, where they are doing splendidly. This area is more in keeping with the type of country which these animals usually frequent.

We have had no success at Spences Bridge in our efforts to capture mountain-sheep liberated there a few years ago and which have been a source of trouble to the farmers at certain periods of the year. It is hoped that these animals will eventually make their trail to the corral which was built for their capture and where the usual salt-lick has been placed. At Shorts Creek, in the Okanagan, there are, roughly speaking, about seventy mountain-sheep under protection.

West of the Fraser River mountain-sheep are reported as being quite numerous and those that range east of the river in the Jesmond area appear to be holding their own. In other parts of the Division they are in fair numbers only.

In the Clearwater Valley and the Blue River District caribou are fairly numerous. In the Salmon Arm area and Williams Lake District, also the headwaters of the Willow, Swift, Bowron, and Swamp Rivers, these animals are about the same in number as last year.

In some districts in this Division bear are becoming a menace to the stock of farmers, especially in the northern portion of the Cariboo, North Thompson, and Nicola areas.

I would recommend that a trained predatory-animal hunter be stationed at divisional points in the Interior. The use of well-trained dogs is essential. Both black and grizzly bear have increased, especially the latter, in the northern parts of the Clinton District. The shortage of the berry-crop was mainly responsible for bear acquiring a liking for the stock of farmers.

Reports to hand show that deer are quite numerous, with the possible exception of certain parts of the Okanagan, where it is said no appreciable increase has been noted. A suggestion is made for a shorter open season. In the Peachland District the farmers are and have been suffering a certain amount of damage in the orchards by deer rubbing their horns on the bark of the fruit-trees. In some cases newspapers have been wrapped around the trees for protection with a certain amount of success. I am seeking the aid of the Dominion Experimental Farm authorities at Summerland in an effort to find a suitable repellent during the winter months.

One farmer erected a 9-foot fence in his efforts to keep deer out of his orchard, but without complete success. This area has always been a yarding-place for deer during the winter. The open season on does would no doubt tend to decrease the number of deer in the Okanagan.

There are a few mountain-goat in the Jesmond District, also in the vicinity of Mitchell Lake and Horsefly River. In the Mica Mountain area, Clearwater, and south of Mahood Lake a few of these animals are to be found.

Wapiti (elk) are stated to be ranging east of Canim Lake and the Mahood Lake Districts and have been observed quite recently, but it was not determined whether their numbers have increased or otherwise.

Fur-bearing Animals.

In the Williams Lake and Clinton Districts beaver have increased along various trap-lines on account of water conditions having improved and the desire of trappers to conserve these animals. Beaver were trapped on the Bowron Lake Game Reserve during the early summer and were liberated in various localities in this Division for the purpose of conserving irrigation-water. If the animals liberated are treated in an intelligent manner they can be of assistance to the farmers depending on water for their crops. It is where efforts are made to take all of the water from the dams that these animals suffer and become easy prey to predatory animals. I would suggest the restocking of certain registered trap-lines with beaver where the trapper has suffered loss through poaching or other causes.

In the Lillooet and Nicola areas fur-bearing animals are not numerous. At Alexis Creek foxes have increased considerably, the same condition applying to the Williams Lake District, also the Cottonwood River basin. Lynx in the Kelowna District show an increase, but around Vernon they are not so plentiful. Marten and fisher have grown in numbers in the Williams Lake area.

Trappers on a good many lines are refraining from trapping until a higher price is obtainable on fur.

Upland Game Birds.

Partridges in the Kamloops District are scarce. Pheasants in the Vernon, Cache Creek, Kelowna, and Kamloops Districts have done exceptionally well and are increasing. Any Coast sportsmen who are under the impression that the pheasant-supply exists only at the Coast would have a different impression should they happen to be hunting in these areas during the first few days of the open season. Pheasants liberated some time ago around Alkali Lake, in the Cariboo, also the Fraser and Chilcotin Districts, are doing well.

In the Nicola country reports are not very encouraging on upland game birds. Prairie-chicken are on the decrease in the Quesnal District, due no doubt to the severe winter of 1932. The late spring this year was responsible for a poor hatch of ruffed grouse in the Barkerville country. Blue grouse were quite plentiful, except on or near main-travelled highways in the Williams Lake area. In the vicinity of Clinton they were somewhat scarce, and this also applies to willow and Franklin's grouse in the Kamloops District. Owls and coyotes did considerable damage to upland game birds, and until a bounty is placed on this vermin grouse will not appreciably increase in any district.

Two dead grouse were sent to Dr. E. A. Bruce, Animal Pathologist, Dominion Experimental Farm, Saanichton, B.C., for examination. Both of these birds were found under a tree in the Kamloops District and showed no signs of having been shot. According to Dr. Bruce's examination, these birds showed signs of extensive bruising and both had pneumonia. Dr. Bruce was inclined to think that pneumonia was a secondary condition in birds weakened by some injury.

Migratory Game Birds.

Ducks and geese were reported as having increased in numbers throughout this Division, with the exception of the northern portion. In the Okanagan Valley, from Kelowna to Armstrong, geese were reported scarce. Wilson snipe in the Okanagan Valley show an increase. Water conditions still continue to improve.

The Blackwater fur-farm in the Cariboo is an example of what a little protection will do toward increasing the duck-supply. The ducks have increased there to a surprising degree since the property was converted into a fur-farm. If there were more fur-farms of this type in the Province there would be a considerably greater supply of water-fowl.

Vermin.

In the Kamloops country a very successful crow and magpie shoot was held by the sportsmen of Kamloops during the nesting season and over 1,000 birds were destroyed. An incentive was added through the generosity of the local business houses, who donated numerous prizes. In the Okanagan Valley crows and magpies are well under control. This valley is a shining example of what a little destruction of vermin will do toward increasing the stand of game birds.

Cougar are on the increase and will continue perhaps for some time unless a larger bounty is placed on these animals.

Coyotes, as a whole, have not shown any increase. Trappers are very active in keeping these animals down, as the price for the pelts is a fair incentive.

At all points in this Division it is said that big-horned owls are very numerous and may be partly the cause in the decrease of grouse and other game birds. In the Merritt District eagles, bear, and coyotes were exceptionally troublesome to farmers' stock. Nine coyotes, six bear, and fifteen eagles were killed by the local Game Warden. Game Warden Still, of Vernon, killed 158 crows, 125 magpies, 46 hawks, 7 coyotes, 8 big-horned owls, and 8 house-cats gone wild. Three golden eagles and three black bear doing damage to stock were also killed by this Game Warden.

Assistance was also rendered to trappers and farmers, resulting in the destruction of twenty-five coyotes in the Vernon District.

Game-protection.

There were 102 prosecutions under the "Game Act" and Fishery Regulations during the year, resulting in ninety convictions. Patrols were continually made and many infractions of the Game and Fisheries Acts were prevented, which should, of course, be one of the main objects of any Game Warden.

Game Propagation.

Seventeen beaver were trapped by Game Warden Kibbee at the Bowron Lake Game Reserve for distribution in other parts of the Cariboo and Southern Interior to conserve water for irrigation purposes. There were no losses in transportation and the special metal containers used in their transport were very satisfactory. Owing to the high water prevailing so late in the season at Bowron Lake, fewer beaver were trapped. I would suggest that beaver be distributed during the coming year on certain trap-lines where conditions are suitable. Some of the trap-lines to-day were depleted long before the system of trap-line registration came into effect. A rough estimate of the number of beaver on each line could easily be obtained from the trapper when he purchases his licence and when submitting his return of catch. Reports to hand are that more of the trappers are conserving these animals.

Twenty-five wapiti (elk) were liberated at the north end of Adams Lake and were in splendid condition. These animals were a gift from the Dominion National Parks Branch and were shipped from Wainwright Park in Alberta. They are for the first winter being fed a little hay until they get accustomed to their new surroundings.

A large number of pheasants were liberated in this Division at points as far north as Alkali Lake, in the Cariboo, where they are doing well. The high flood-water was responsible for the loss of many pheasants' nests in the Kamloops area.

Game Reserves.

The Bowron Lake and Yalakom Game Reserves, together with the sanctuary at Tranquille, are the only ones of any importance in the Central Interior. Bowron Lake is more of a beaver sanctuary than a big-game reserve and on this area hundreds of beaver receive protection.

Fur Trade.

Fur is purchased here in a small way, but the greater portion of it goes to the Coast markets, where accurate records are kept.

Fur-farming.

Fur-farming is carried on to a very limited extent and has suffered greatly from the depression, but should receive added impetus from the expected higher prices on fur.

Registration of Trap-lines.

This system should receive greater publicity at this time. Very little is known about this system and it is now several years since a newspaper article describing same was published. I have not heard a single complaint from any trapper regarding this system of registration.

The policy of giving a reliable trapper a substantial area over which he acquires the sole trapping rights has been followed in this Division. The short trap-line principle is not a success where there are too many trap-lines. This creates a tendency to overtrap and trouble of some sort usually arises.

Indians in the Chilcotin have been reported in the past as neglecting to respect the rights of others in regard to trap-line registration, but during the latter part of the year they confined themselves more to their own trap-lines.

Registration of Guides.

There are over thirty registered guides in this Division. I would again suggest that certain areas be registered in the name of guides—somewhat similar to the system of trap-line registration.

In having a certain amount of territory registered in his name for hunting, a guide would feel that game-protection would be to his own advantage and also that of hunting-parties. By this means a system of trails would no doubt be kept in condition by the guides.

Special Patrols.

A special patrol was made by Game Wardens Maxson and Still to points east of Peachland, and resulted in a number of prosecutions against Indians of the Nicola District for killing deer out of season.

Another patrol was made by Game Wardens Maxson, Ewart, and Jobin to the Coquihalla during the early part of September. Several Indian parties were checked up on their way to hunting-grounds.

Game Warden Jobin made a special patrol into the Stoyoma Mountains, Anderson River, Juliet, Prospect, and Spius Creeks during the first week in December. Several trap-lines were patrolled. Mileage covered, 142 miles. All of the foregoing patrols had a beneficial effect on Indians and others.

Hunting Accidents.

On February 27th, 1933, Hector Marlett was accidentally shot by his cousin, Maurice Marlett, while out hunting deer at or near Moha. Death was not instantaneous, but took place two days later at Lytton. Apparently Maurice Marlett tripped over a log and his rifle discharged. Provincial Police investigated this accident.

On June 14th, 1933, Walter Hints, a prospector, living below White's Landing on the Fraser River, rescued four men who had been wrecked on an island near his camp. Two of the men left during the day and the other two, Alfred Cederberg and Eric Backlund, stayed with Hints. At about 7 p.m. Hints went out to get some game for food, as the wrecked men had lost all their food-supplies, and as he, Hints, was short of food himself; the two others remained in camp for a while and then strolled up the trail in the opposite direction to that taken by Hints. Backlund and Cederberg were stooping over examining a location-post when Hints, who had made a circle round the camp, saw them and, mistaking them for deer, fired. Both men were hit in the shoulder, Backlund seriously and Cederberg slightly. First aid was rendered to the badly wounded man, but he died shortly after. Provincial Police took action in the case after being notified by Mr. Hints, and after an investigation he was exonerated of any blame.

There is a tendency in most hunting accidents of this nature for hunters to fire too quickly before ascertaining as to what they are shooting at.

Summary and General Remarks on Game Conditions.

With the exception of the northern portion of this Division, weather conditions not having been severe, all game animals are in better shape. Very little grain was fed to pheasants and other game birds owing to the lack of snow on lower levels. The deer season was a success in every way, as the early snowfall brought these and other game animals down to the lowlands.

The number of firearms licences sold in this Division has slightly increased over the previous year. The number of free farmers' licences has also increased.

One of the greatest possible attractions the Cariboo could inaugurate would be to construct proper and well-gravelled roads into the best hunting and fishing areas. During the wet weather the condition of the roads in the Cariboo District, which are off the main-travelled highway, is very poor.

The deer-tag system is still regarded by many as a nuisance, but as this is a conservation measure it really should not be objected to.

The policy of bringing game animals in from the Dominion National Parks should be continued on a much larger scale, as there are still many places where these animals could be liberated to advantage.

I wish to say, in conclusion, that this Department has received splendid support from the local Game Association and others in this Division, which has been greatly appreciated. Continued co-operation of many sportsmen with game officials in the course of their duties has been very encouraging and we are indebted to them for the assistance rendered. The usual harmony exists between all law enforcement branches and every effort is made to assist whenever and wherever possible.

"D" DIVISION (ATLIN, SKEENA, OMINECA, FORT GEORGE, PEACE RIVER, AND YUKON BOUNDARY DISTRICTS).

By T. Van Dyk, Officer Commanding.

Herewith I beg to submit my annual report covering game conditions in "D" Division during the year ended December 31st, 1933.

Game Animals.

Moose, caribou, and mule-deer are, despite the greater hunting activities of farmers, prospectors, and homesteaders, in very good condition and numbers.

Wapiti on Queen Charlotte Islands are reported on the increase. A band of thirty-six is reported on the west coast of Graham Island. These species are also reported in greater numbers along the Canadian National Railway, between the Alberta boundary and Tete Jaune. The close season on these animals should be maintained in this Division.

No reports have been received regarding big-horn sheep. Weather conditions have been most favourable for all species of sheep and as a result a healthy increase is anticipated.

Mountain-goat are to be found in every district and, as conditions are favourable, a substantial increase in their numbers is expected.

Throughout this Division grizzly bear are increasing. The bag limit and close season in vogue during this year should be maintained. Black bear are increasing and are becoming a nuisance.

Fur-bearing Animals.

Fur-bearing animals are on the increase throughout the Division. An exceptionally good catch of fox, mink, and marten is expected. The usual annual catch of beaver and muskrats is also anticipated.

Upland Game Birds.

A very late and wet spring was the cause of great mortality among the young of grouse of all kinds. There is a sufficient stand of birds, however, to ensure a good supply during the next season, providing weather conditions remain favourable.

Migratory Game Birds.

Ducks and geese are increasing throughout the Division and many nice bags were obtained during the past open season.

Swans, numbering about 200, were reported on the Nadina River, in the Burns Lake District. It is definitely established that a number of these birds winter on the Tahtsa River and the Nadina River in the Burns Lake area, also on the Bella Coola River and the Queen Charlotte Islands in the Prince Rupert District. A permanent close season is recommended on these birds.

Vermin.

Very few cougar are to be found in this Division, but wolves are doing considerable damage in some parts of the Division, according to reports received.

Coyotes have been very numerous and, as they are quite easy to trap and the prices for their pelts have been fair, a large number of these animals have been trapped.

Wolves have been increasing steadily over a period of years. From every district in the Division complaints have been received dealing with the unusual number of these animals, their depredations, kills, etc. Packs are reported in the Pine Pass, Liard River, Peace River, Finlay River, McGregor River, Prince Rupert, Telegraph Creek, and Bear River Districts.

Owing to the great number of deer killed by wolves, settlers, relief-men, and homesteaders, there is grave danger that the animals are being destroyed at a greater rate than they can increase, and should such a condition be allowed to go on over a period of years the ultimate extinction of the deer may be anticipated.

The placing of a bounty, the use of poison, the appointment of special trained hunters, or a combination of all these remedies, is suggested. Conditions are very serious indeed and should receive all consideration.

Game-protection.

Game Wardens and Constables of the British Columbia Police have been very active in the enforcement of the "Game Act" and Regulations. Seventy prosecutions were instituted.

During the year 94,589 miles were covered by the Game Wardens, as follows:—

	Miles.		Miles.
Train	22,511	Launch	16,269
Car	57,931	Steamer	2,348
Foot	6,729	Dog-team	2,996
Horse	3,548	Aeroplane	2,257

Game Propagation.

European partridges imported from Alberta were liberated in the Vanderhoof District, while pheasants were liberated and are doing nicely in the Telkwa and Smithers Districts.

Wapiti introduced on Queen Charlotte Islands are doing better than anticipated and are increasing in numbers.

Game Reserves.

Four game reserves are to be found in the Division. Fort George (including the City of Prince George), Lake Kathlyn near Smithers, and Kaien Island (including the City of Prince Rupert), established as safety-zones and bird-refuges, are well looked after and bird-life is increasing. Kunghit Island Game Reserve, southernmost island of the Queen Charlotte Group, has never been patrolled during past years. The boundaries of the Lake Kathlyn Game Reserve have been cut out, cleared, and marked posters and signs erected. Work performed by Game Warden C. D. Muirhead, Telkwa. Similar work will be carried out with regard to the Fort George and Kaien Island Game Reserves during the coming season.

Fur-farming.

A number of fur-farms are now solidly established. The production of pelts in lieu of breeding stock is the main object. Very good results have been obtained. The licensing of fur-farmers and closer supervision and regular inspections by competent animal pathologists is recommended.

Registration of Trap-lines.

New maps were received and considerable work done in re-registering trap-lines. Owing to the introduction of aerial photography making it necessary that all maps be reproduced, it was required to remap a great number of trap-lines.

The trappers are very well satisfied with the registration of trap-lines. A number of trappers are now fur-farming, in lieu of trapping, their beaver, and the results obtained by the white trappers are being watched with interest by the natives. Quite a number of Indians are following their white brother's footsteps and are taking greater interest in the conservation of the fur-bearing animals on their lines. We may look forward with confidence to trappers eventually farming the fur on their trap-lines.

Registration of Guides.

The introduction of more severe regulations covering all duties of our guides and the exclusion of the non-resident from guiding operations in the Province is recommended. Forty-five non-resident big-game hunters visited this Division during the year.

Special Patrols.

Numerous special patrols have been made in each district. In the Peace River area a special patrol made by Game Warden J. S. Clark in the Hay River District and in the Prince Rupert District and a patrol made by Game Warden E. Martin in the Taku River area are worthy of mention.

Hunting Accidents.

Harold C. Mabley, of Fairview, Alberta, accidentally wounded Norman McIvor, of the same address, whilst hunting in the vicinity of Beaver River on July 5th, 1933.

Walter Taylor, Smithers, B.C., on October 1st, 1933, near Barret, accidentally shot Thomas Monks in mistake for a deer. The victim subsequently died.

Gunnar Clavering, Prince Rupert, B.C., on October 7th, 1933, in the vicinity of Prince Rupert, accidentally discharged his shotgun, causing a wound in his left wrist.

John Andrew Hansen, Vancouver, B.C., on December 6th, 1933, in the vicinity of Butedale, shot Freeman G. Brynolson, of Seattle, Wash., in mistake for a deer. The victim died of his wounds.

Dan Shpikula, Fort St. John, B.C., accidentally shot himself on December 6th, 1933, while carrying a rifle. This accident took place in the vicinity of Beatton River.

Summary and General Remarks.

Conditions have been very good during the year, with the exception of an abnormal increase in the number of wolves. Warm weather from February to April and an early spring proved very beneficial to all game animals and birds.

In concluding, I wish to express my appreciation to all Game Wardens and the Inspector, N.C.O.'s, and Constables of the British Columbia Police for their splendid co-operation in enforcing the "Game Act" and Regulations.

"E" DIVISION (VANCOUVER, COAST, AND FRASER VALLEY DISTRICTS).

By J. G. Cunningham, Officer Commanding.

I have the honour to submit herewith my annual report covering game conditions in this Division for the year ended December 31st, 1933.

Game Animals.

Deer.—Owing to the exceptionally mild season, the deer were not forced down from the mountains on the Mainland until after the season had closed; consequently the average hunter was disappointed. As was the case last year, the Squamish, Pitt, and Harrison Districts proved to be the best areas in which to hunt deer. The Howe Sound Islands did not show up well, and it will be several years before the deer will be plentiful there again, as disease has killed off the majority of the animals. It is pleasing, however, to be able to report that this disease appears to have just about died out. The Department would be well advised to secure some of the deer being taken at James Island for liberation on the Howe Sound Islands.

Mountain-goat.—These animals appear to be holding their own, many being seen and taken along the Coast and at the heads of the various lakes in the Division. A report was received that goat were very plentiful in the immediate vicinity of Pemberton, on the Pacific Great Eastern Railway.

Bear.—Black bear continue to be a nuisance throughout the Lower Mainland and many permits have been issued to destroy these animals during the close season.

Moose.—It has again been reported that two or three moose have been seen in the Upper Pemberton Valley, but it is doubtful whether these animals will ever migrate any farther west or south in this Division.

Fur-bearing Animals.

Beaver are not plentiful in this Division, though the Pemberton Valley, Upper Stave River, and Skagit Districts prove to be fairly well stocked. The holders of registered trap-lines in these areas are looking after the stock on their lines.

Registered trap-line holders report an increase in marten. These animals are very easily trapped out, and I believe that this would be the case now if it were not for the present system of trap-line registration.

Mink are fairly plentiful along the coast. Muskrats are very plentiful and prices on their pelts advanced over the dollar mark this winter, resulting in the trappers going after these animals a little harder than usual. The number of muskrat-pelts arriving on the Vancouver Fur Market from Vancouver Island is steadily increasing, and the planting of these animals on the Island by the Game Conservation Board and by private individuals a few years ago has meant considerable revenue being derived from their pelts by trappers, though it has been proven that muskrats have been a detriment to farmers on Vancouver Island.

Otter were taken in only few numbers in the Division. There was a decline in the number of racoon taken, while skunks and civet cats are becoming a nuisance throughout the Fraser Valley.

In spite of the fact that there is no protection on red foxes throughout the Lower Mainland south of the Fraser River and west of Chilliwack, and though trappers and others have been encouraged to destroy these animals, reports indicate that they are still increasing. The pelt of the red fox taken on the Lower Mainland brings about $8 to $15 on the fur market.

Upland Game Birds.

It is to be regretted to have to again report a very poor season on pheasants. The breeding season was even worse than that of 1932, and owing to an exceptionally wet May and June the majority of the early broods were lost. When the season opened pheasants were scarce, and the majority of those found proved to be very small immature birds.

On December 12th an ice blizzard in the Chilliwack-Sumas District resulted in the loss of a large number of birds which had survived the shooting season. If the Department hopes to have the continued support of the pheasant-hunters, it will be necessary to make provision for the liberation of more pheasants and afford better hunting or the revenue will certainly decrease.

Partridges do not do well in this Division and have been steadily decreasing for years. There is a possibility that they may come back if we had a few dry seasons, and I would advocate that the season on these birds be closed throughout the whole of the Lower Mainland this coming fall.

Grouse (blue) were not as plentiful on the opening date as they were in 1932. The rainy spring had a very bad effect on these birds as well as the pheasants. Quite a number of daily bag limits, however, were obtained on Bowen and Gambier Islands.

Ruffed (willow) grouse were also affected by the wet season, although reports have been received to the effect that they were more plentiful around Squamish than they have been for several seasons past. The sportsmen of Squamish are advocating the opening of ruffed and blue grouse on the same day, as in that district both species are found in the same area. We must give this bird every protection or it will not be long before it becomes extinct.

Migratory Game Birds.

Migratory game birds were more plentiful this season than they have been for some time. The winter was exceptionally mild but wet, making conditions ideal for ducks, and as we did not have the usual freeze-up they stayed with us all winter. As has been the case for a number of years past, the private shoots had the best of it, though it must be admitted that it is these private clubs (through their activities in feeding birds, and also due to the fact that in most cases they only shoot during the week-ends, thereby allowing the ducks to feed unmolested during the balance of the week) who are responsible for the ducks staying with us in such large numbers.

Game Warden A. J. Butler caught and banded approximately 3,900 ducks during the year on the McGillivray Creek Game Reserve, as compared with 1,413 during the same months in 1932.

Mr. A. L. Hager and Mr. George C. Reifel banded approximately 5,500 birds between them, making a total of about 9,300 ducks banded in the Division during the year. Mr. Reifel is the largest bander.

The number of birds banded at the McGillivray Creek Game Reserve has been steadily increasing from 533 birds in 1931, 1,413 in 1932, and 3,900 in 1933.

Wood-ducks were very plentiful on the opening week-end, and it is to be regretted that there were a great many of these birds killed. It is felt that the daily bag limit on wood-ducks should be cut to five birds.

Snow-geese and brant were just as plentiful as ever, although there were very few good bags taken. Brant-shooting around Boundary Bay depends solely on the moon, tides, and weather being just right, and such occasions were very scarce during the past season.

Wilson snipe were plentiful in certain areas, but taking the Division as a whole they were not plentiful.

Swans were observed in small numbers during the past season. Some of these birds were seen on Lulu Island, Sea Island, Pitt Lake, and on the McGillivray Creek Game Reserve, near Chilliwack.

Band-tailed pigeons were not as plentiful as in past seasons and very few complaints were received as to damage by these birds from farmers.

Vermin.

Coyote-tracks were observed in the Squamish Valley and reports were received of these animals being seen at Pemberton. Coyotes are, however, not plentiful in this Division.

Wolves are again putting in an appearance in the Squamish Valley and are a serious menace to the deer in that area. It is felt that a bounty should be placed on wolves as well as cougar.

On the Lower Mainland cougar are not plentiful, although several have been killed in the Harrison Lake area.

The house-cat is the greatest menace to our game birds. Cat-traps have been provided to Game Wardens throughout the Fraser Valley, with the result that a great number of cats have been taken.

The Game Wardens in this Division have been most active in the destruction of crows, resulting in an increase in the number killed over the preceding year. The following is a summary of vermin killed by Game Wardens in this Division during the year 1933:—

Crows	2,380	Owls	26
Cats	556	Eagles	19
Dogs	40	Coyotes	1
Hawks	126	Red fox	3

Game-protection.

Again, as was the case in 1932, enforcement of the various Acts pertaining to game and game fish was a difficult one. A great number of our sportsmen are out of work, and in a number of cases brought before the Courts the plea of poverty was heard, and this plea is being abused. In no case where such a plea was entered was it proven that the accused found it necessary to hunt for the purpose of obtaining food. The minimum fine of $10 seems a little high during these hard times and Magistrates were inclined to accept pleas of poverty or distress.

During the week-ends all the officers from Headquarters were actively engaged with the regular patrol officers in enforcing the various Acts, resulting in the laying of the same number of informations as in the previous year—namely, 168.

We are also indebted to certain officers of the British Columbia Police for valuable assistance rendered throughout the season.

Game Propagation.

The following is a list of the pheasants received from the Elk Lake Game Farm for liberation in this Division during the year 1933:—

Lulu Island	220	Ladner	230
Cloverdale-Langley	220	Chilliwack	160
Sumas-Matsqui	160	Agassiz	88
North Vancouver	104	Pitt Meadows	260
South Westminster	12	Mission-Nicomen	128
Burnaby	20		

In addition to the above, some 212 birds allotted to the Sumas, Chilliwack, Agassiz, and Mission Districts were returned to the Elk Lake Game Farm in view of the severe weather in those localities. These birds will now be held over for liberation in these districts in the spring.

On October 10th, 1933, five wapiti were liberated at McNab Creek, Howe Sound. This consignment consisted of two young bulls and three cows, received from the Vancouver City Parks Board. Up to the time of writing this report, the animals, with the exception of one young bull, are doing well. The young bull was found dead on the beach shortly after liberation, but to date the cause of death has not been discovered.

Game Reserves.

Throughout the Division the game reserves remain the same as in past seasons. The McGillivray Creek Game Reserve boundary will have to be changed shortly on account of one of the farmers owning property in that area wishing to dispose of his land. The loss of this piece of land will not affect the reserve in any way.

A considerable number of complaints have been received from persons living within the boundaries of the North Vancouver Game Reserve, due to the increasing number of bear in that area. We have also received complaints in regard to deer doing damage.

Blue grouse are increasing in numbers in the North Vancouver Game Reserve area.

Fur Trade.

The fur-traders are still complaining about the royalties on some of the pelts, principally marten and beaver. Prices took a jump after the close of the spring trapping, and the dealers in many cases were fortunate in being able to make good gains on the fur on hand. In most cases this sudden rise in the price of fur did not benefit the trapper, as he had already disposed of his fur. Muskrats were bringing a fair price throughout the fall, ranging from 50 cents for early-caught pelts up to more than $1.

Fur-farming.

The number of fur-farmers has decreased considerably in the past few years. Those now in the business have had experience and are making a success of the enterprise. Occasional complaints are received in regard to the Department collecting royalty on fur-farmed animals, and suggestions have been received that it would be better to collect a licence fee for fur-farming permits.

Owing to the great amount of work and correspondence necessary in ascertaining whether or not certain foxes have been registered, the fur-traders complain of the different fees for royalty on the pelts of farmed animals, claiming that a flat rate would be more suitable. Personally, I feel that a flat rate of 50 cents on all farmed foxes would be better than the present system of 75 cents on unregistered pelts and 5 cents on registered pelts.

Registration of Trap-lines.

The registration of trap-lines in this Division is working very smoothly. At the time of writing this report there is not one outstanding trap-line dispute in the Division.

Registration of Guides.

There is only one registered guide in this Division, and this guide operates outside of the western part of the Province generally.

Special Patrols.

As the Division is regularly patrolled, we have not found it necessary to carry out any special patrols, although many lengthy patrols have been undertaken.

Hunting Accidents.

A number of hunting accidents occurred in this Division during the year. Six accidents occurred, one of which resulted in death, and four of the six were due to the hunter's own carelessness.

Summary and General Game Conditions.

Taking the Division as a whole, game conditions were not as good as expected. The total revenue of the Division decreased a little more than $2,000, the loss being principally in resident ordinary and general firearms licences. The non-resident general firearms licence and the

season and daily anglers' licences fell off to a certain extent. There was an increase of revenue from the resident anglers' licences and fur royalties.

The revenue of the Division for 1933 amounted to $66,747.12, compared with $69,082.51 for the year 1932. Records show a decrease of 742 free licences to farmers and prospectors. The majority of prospectors' licences issued at this office are granted to youths ranging from 18 to 24 years of age. In many cases these youths know nothing of mining or firearms, and it is felt that if the Department could place a fee on the issuance of prospectors' firearms licences there would not be so many required.

Taking everything into consideration, so far as this Division is concerned, it is felt that we came through the year very well, and I wish to express my appreciation of the splendid co-operation of the officers and men of "E" Division, British Columbia Police, Game Wardens and staff at Headquarters, and also for the assistance rendered by members of Game Associations of the Lower Mainland.

REPORT ON OPERATIONS OF THE ELK LAKE GAME FARM.

By Game Warden J. W. Jones.

I respectfully beg to submit my annual report dealing with the operations of the Elk Lake Game Farm for the year ended December 31st, 1933.

Pheasants in pens, December 31st, 1933		1,375
Breeding stock (approximately)	375	
Hen pheasants	300	
Cock pheasants	65	
Strayed from breeding-pens	10	
Number of eggs laid (approximately)		5,500
Eggs shipped out to game-bird farmers	720	
Small late eggs used for feeding	250	
Eggs set under hens	4,500	
Eggs hatched	3,250	
Young pheasants raised to maturity		2,700
Casualties owing to grass-snakes, etc.		300
Birds strayed from rearing-field		75
Birds killed in pens by rats		150
Birds liberated in Province during 1933		2,906

There were a large number of unfertile eggs this year. This may have been due to the late cold spring. The birds did not begin to lay until the middle of April. The melanistic mutant crossed with the other pheasants did very well. We raised about 200 of these birds and will liberate them with the other pheasants at various points in the Province.

Wild turkeys raised—	
Toms	3
Hens	1
Old stock, gobbler	1
Turkeys shipped from North Dakota	2
Geese in pens	12
(These birds look well and we hope to have some young next year.)	
Partridges in pens	36
(This number includes six young raised last year.)	

We received ninety wild-turkey eggs from Seattle, Wash., last year and every one was unfertile.

Vermin destroyed.—Domestic cats, 100; hawks, 50; horned owls, 1; barn-rats, 600.

As well as various duties attended to on the farm, every effort has been made to maintain game patrols, and special attention has been paid to all complaints regarding game. We also assisted Game Warden Walker a number of times in taking deer off James Island and helped him erect a pen for catching these deer. We have also during the past year done considerable repair-work on the pens at the farm; this in some instances meaning rebuilding of some of the pens.

REPORT OF OFFICER I/C GAME FISH CULTURE.

A. G. Bolton.

I have the honour to submit herewith the annual report of the Game Fish Culture Branch for the year ended December 31st, 1933.

During the calendar year 1933 many investigations were conducted with regard to selecting sites for proposed hatcheries and rearing-tanks, artificial and natural retaining-ponds, feed conditions, etc.

Five artificial rearing-ponds, 40 by 6 by 3 feet, were constructed at Qualicum, Vancouver Island, the water-supply coming from Mosquito Creek. This plant was in operation from April to October, inclusive, and used for the purpose of holding brown trout and Atlantic salmon.

A million-egg hatchery and sixteen rearing-tanks, 15 by 3 by 3 feet, were built near Beaver Lake in Stanley Park, Vancouver, the property being donated by the Parks Board and the water-supply given gratis by the Greater Vancouver Water Board.

At Kelowna 57⅕ acres were purchased, containing five natural retaining-ponds, the idea being to hold fry until yearlings, and when ready for liberation they would migrate through a series of artificially made waterways into Mission Creek and from there to Okanagan Lake.

The 140,000 Kamloops trout fry held in these ponds made a most noticeable growth owing to the abundance of natural feed.

The general success of this operation speaks very well for the time and care given by members of the Kelowna Rod and Gun Club.

As it was the desire of this Department to establish a fish-hatchery and battery of rearing-tanks on Vancouver Island, a thorough survey was made of the east coast of the Island by Dominion and Provincial Government engineers and fish-culturists to locate a suitable site. One was located in the Alberni District, but obstacles which could not be overcome were put in the way of purchase, and as it was the desire of all concerned to establish a fish-cultural plant centrally located on the Island, keen disappointment was felt, inasmuch as satisfactory sites are very difficult to obtain.

After further investigations had been made with regard to water-flow and temperatures, suitability of site, etc., a piece of property was purchased in the Sooke District, Vancouver Island, adjoining Veitch Creek, where it is proposed to erect a million-egg hatchery and not less than eight rearing-tanks, 16 by 3 by 3 feet, in the early part of 1934.

The Rod and Gun Clubs of Revelstoke, Cranbrook, and Quesnel all received subsidies to assist them in their private ventures in fish-culture operations.

One hundred thousand Atlantic salmon eyed eggs were purchased and imported from Scotland, these eggs being hatched at the Lake Cowichan Hatchery of the Dominion Fisheries Department, and held until October, when plantings were made in Cowichan Lake, the fry being marked by removal of the adipose and left ventral fins.

Four hundred thousand cut-throat trout eyed eggs were purchased from the Cranbrook Rod and Gun Club, 25,000 being planted in the Tsolum River, Courtenay, Vancouver Island, the balance being hatched at the Stanley Park plant; some being held in the rearing-tanks and the remainder distributed throughout the waters of the Lower Mainland as advanced fry.

Members of the Biological Board of Canada (Nanaimo Station) very kindly made two surveys at the request of this Department—namely, Jones Lake, Hope District, and Salmon River, Salmon Arm District.

Investigations have been made, with the assistance of members of the Biological Department at Nanaimo, with reference to establishing ponds for the development of natural feeds such as shrimp and fresh-water flea, it being the confirmed opinion of those concerned that if the lakes and rivers were more abundantly supplied with natural feed the migration of the trout would not be so noticeable.

As at December 31st, the rearing-tanks at Stanley Park contained approximately 16,000 steelhead fry, 45,000 Kamloops fry, and 75,000 cut-throat fry, these to be held until April, 1934, and then liberated.

A summary of the plantings made during the year 1933 will be found on page 35.

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REVENUE DERIVED FROM SALE OF RESIDENT FIREARMS AND ANGLERS' LICENCES AND GAME-TAGS, JANUARY 1ST, 1933, TO DECEMBER 31ST, 1933.

Government Agents.	O.F.L.		G.F.L.		Extra G.F.L.		S.F.L.		Extra S.F.L.		Substitutional.		Guides.		Anglers.		Game-tags.		Free.		Total.
	No.	Amt.	No.	Amt.	No.	Amt.	No.	Amt.	No.	Amt.	No.	Amt.	No.	Amt.	No.	Amt.	No.	Amt.	F.F. Lic.	P.F. Lic.	
Alberni	514	$1,799.00	.....	.....	7	$84.00	78	$780.00	1	$2.50	6	$3.00	.....	.....	199	$199.00	760	$190.00	77	35	$3,057.50
Ashcroft	136	476.00	4	$24.00	.....	.....	1	10.00	.....	.....	.....	.....	2	$10.00	98	98.00	64	16.00	21	54	634.00
Anyox	78	273.00	6	36.00	6	72.00	4	40.00	.....	.....	.....	.....	.....	.....	17	17.00	25	6.25	.....	.....	444.25
Atlin	9	31.50	5	30.00	.....	.....	20	200.00	.....	.....	.....	.....	1	5.00	11	11.00	.....	.....	.....	.....	277.50
Clinton	68	238.00	30	180.00	2	24.00	58	580.00	.....	.....	1	.50	4	20.00	61	61.00	101	25.25	54	82	1,128.75
Cranbrook	512	1,792.00	84	504.00	13	156.00	26	260.00	.....	.....	7	3.50	.....	.....	731	731.00	1,218	304.50	79	42	3,751.00
Cumberland	1,056	3,696.00	2	12.00	10	120.00	92	920.00	32	80.00	4	2.00	.....	.....	363	363.00	1,699	424.75	94	.....	5,617.75
Duncan	570	1,995.00	2	12.00	11	132.00	27	270.00	.....	.....	6	3.00	.....	.....	369	369.00	955	238.75	215	7	3,019.75
Fernie	335	1,172.50	76	456.00	7	84.00	48	480.00	.....	.....	1	.50	.....	.....	483	483.00	798	199.50	61	2	2,875.50
Fort Fraser	92	322.00	56	336.00	.....	.....	129	1,290.00	2	5.00	1	.50	3	15.00	45	45.00	87	21.75	140	61	2,035.25
Golden	93	325.50	48	288.00	.....	.....	36	360.00	.....	.....	.....	.....	1	5.00	57	57.00	151	37.75	48	1	1,073.25
Greenwood	122	427.00	1	6.00	.....	.....	17	170.00	.....	.....	.....	.....	.....	.....	140	140.00	303	75.75	96	54	818.75
Grand Forks	127	444.50	1	6.00	.....	.....	8	80.00	.....	.....	.....	.....	.....	.....	97	97.00	202	50.50	34	18	678.00
Hope	25	87.50	1	6.00	.....	.....	1	10.00	.....	.....	.....	.....	.....	.....	58	58.00	.....	.....	3	113	161.50
Kamloops	706	2,471.00	54	324.00	4	48.00	127	1,270.00	.....	.....	6	3.00	.....	.....	648	648.00	843	210.75	507	252	4,974.75
Kaslo	114	399.00	11	66.00	.....	.....	46	460.00	.....	.....	.....	.....	.....	.....	130	130.00	119	29.75	23	30	1,084.75
Kelowna	686	2,401.00	16	96.00	5	60.00	19	190.00	.....	.....	4	2.00	.....	.....	482	482.00	1,046	261.50	240	39	3,492.50
Lillooet	126	441.00	26	156.00	.....	.....	15	150.00	.....	.....	.....	.....	4	20.00	56	56.00	161	40.25	25	224	863.25
Merritt	193	675.50	2	12.00	2	24.00	29	290.00	.....	.....	4	2.00	.....	.....	156	156.00	164	41.00	64	39	1,200.50
Nanaimo	1,057	3,699.50	2	12.00	7	84.00	24	240.00	.....	.....	3	1.50	.....	.....	689	689.00	1,969	492.25	148	15	5,218.25
Nelson	666	2,331.00	32	192.00	7	84.00	103	1,030.00	.....	.....	9	4.50	.....	.....	732	732.00	981	245.25	160	202	4,618.75
New Westminster	2,729	9,551.50	101	606.00	16	192.00	185	1,850.00	.....	.....	17	8.50	.....	.....	1,646	1,646.00	1,963	490.75	568	190	14,344.75
Penticton	870	3,045.00	6	36.00	1	12.00	31	310.00	.....	.....	8	4.00	.....	.....	429	429.00	1,425	356.25	100	49	4,192.25
Pouce Coupe	79	276.50	26	156.00	.....	.....	241	2,410.00	4	10.00	2	1.00	12	60.00	22	22.00	34	8.50	387	55	2,944.00
Powell River	199	696.50	12	72.00	7	84.00	24	240.00	.....	.....	.....	.....	.....	.....	282	282.00	287	71.75	30	7	1,446.25
Prince George	189	661.50	156	936.00	6	72.00	231	2,310.00	1	2.50	2	1.00	11	55.00	161	161.00	284	71.00	317	484	4,270.00
Prince Rupert	736	2,576.00	103	618.00	13	156.00	197	1,970.00	.....	.....	.....	.....	.....	.....	325	325.00	1,317	329.25	35	149	5,974.25
Princeton	224	784.00	8	48.00	5	60.00	16	160.00	.....	.....	3	1.50	.....	.....	232	232.00	411	102.75	39	201	1,388.25
Quesnel	84	294.00	41	246.00	.....	.....	58	580.00	1	2.50	.....	.....	1	5.00	84	84.00	52	13.00	112	353	1,224.50
Revelstoke	220	770.00	14	84.00	1	12.00	53	530.00	.....	.....	.....	.....	.....	.....	214	214.00	146	36.50	45	80	1,646.50
Rossland	420	1,470.00	23	138.00	3	36.00	1	10.00	.....	.....	2	1.00	.....	.....	524	524.00	815	203.75	25	57	2,382.75
Salmon Arm	257	899.50	9	54.00	.....	.....	42	420.00	.....	.....	.....	.....	1	5.00	113	113.00	192	48.00	258	70	1,539.50
Smithers	147	514.50	36	216.00	1	12.00	46	460.00	2	5.00	2	1.00	.....	.....	104	104.00	133	33.25	106	87	1,345.75
Telegraph Creek	6	21.00	9	54.00	.....	.....	51	510.00	.....	.....	.....	.....	3	15.00	10	10.00	.....	.....	.....	1	610.00
Vancouver	3,755	13,142.50	152	912.00	25	300.00	166	1,660.00	.....	.....	26	13.00	3	15.00	3,330	3,330.00	3,134	783.50	203	1,572	20,156.00
Vernon	765	2,677.50	19	114.00	3	36.00	34	340.00	.....	.....	7	3.50	.....	.....	532	532.00	1,035	258.75	456	161	3,961.75
Victoria	1,644	5,754.00	7	42.00	9	108.00	37	370.00	.....	.....	16	8.00	.....	.....	1,090	1,090.00	2,191	547.75	432	171	7,919.75
Williams Lake	149	521.50	34	204.00	.....	.....	81	810.00	.....	.....	.....	.....	10	50.00	21	21.00	130	32.50	61	108	1,639.00
Windermere	107	374.50	54	324.00	3	36.00	33	330.00	.....	.....	1	.50	2	10.00	25	25.00	249	62.25	2	4	1,162.25
Wilmer	1	3.50	.....	.....	.....	.....	7	70.00	.....	.....	.....	.....	1	5.00	88	88.00	7	1.75	.....	30	168.25
Totals	19,866	$69,531.00	1,269	$7,614.00	174	$2,088.00	2,442	$24,420.00	43	$107.50	138	$69.00	59	$295.00	14,854	$14,854.00	25,451	$6,362.75	5,265	5,099	$125,341.25

REVENUE DERIVED FROM SALE OF NON-RESIDENT LICENCES, JANUARY 1ST, 1933, TO DECEMBER 31ST, 1933.

Government Agents.	General Firearms and Anglers' Licences.		Bear, Deer, and Anglers' Licences.		Weekly Bird Licences.		Daily Anglers' Licences.		Season Anglers' Licences.		Total.
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	
Alberni	.....	.....	.....	.....	.....	.....	50	$77.00	6	$60.00	$137.00
Ashcroft	2	$100.00	4	$100.00	.....	.....	12	27.00	4	40.00	267.00
Atlin	2	100.00	.....	.....	.....	.....	16	19.00	2	20.00	139.00
Clinton	.....	.....	.....	.....	.....	.....	10	17.00	3	30.00	47.00
Cranbrook	1	50.00	.....	.....	.....	.....	24	27.00	1	10.00	87.00
Cumberland	.....	.....	3	75.00	.....	.....	168	245.00	12	120.00	440.00
Duncan	.....	.....	.....	.....	.....	.....	14	26.00	8	80.00	106.00
Fernie	1	50.00	1	25.00	.....	.....	300	352.00	2	20.00	447.00
Fort Fraser	.....	.....	2	50.00	.....	.....	3	7.00	2	20.00	77.00
Golden	1	50.00	1	25.00	.....	.....	4	4.00	.....	.....	79.00
Greenwood	.....	.....	1	25.00	.....	.....	8	11.00	.....	.....	36.00
Grand Forks	.....	.....	.....	.....	.....	.....	42	48.00	5	50.00	98.00
Hope	.....	.....	.....	.....	.....	.....	3	3.00	.....	.....	3.00
Kamloops	.....	.....	.....	.....	.....	.....	37	67.00	5	50.00	117.00
Kaslo	.....	.....	.....	.....	.....	.....	3	3.00	1	10.00	13.00
Kelowna	.....	.....	.....	.....	.....	.....	8	11.00	.....	.....	11.00
Lillooet	1	50.00	.....	.....	.....	.....	1	1.00	1	10.00	61.00
Merritt	.....	.....	.....	.....	1	$5.00	8	11.00	3	30.00	46.00
Nanaimo	.....	.....	2	50.00	.....	.....	34	85.00	23	230.00	365.00
Nelson	6	300.00	.....	.....	.....	.....	39	57.00	5	50.00	407.00
New Westminster	17	850.00	5	125.00	.....	.....	25	35.00	4	40.00	1,050.00
Penticton	1	50.00	.....	.....	.....	.....	7	10.00	.....	.....	60.00
Pouce Coupe	7	600.00	2	50.00	.....	.....	.....	.....	.....	.....	650.00
Powell River	1	50.00	2	50.00	.....	.....	10	17.00	5	50.00	167.00
Prince George	7	550.00	9	225.00	.....	.....	5	7.00	1	10.00	792.00
Prince Rupert	.....	.....	.....	.....	.....	.....	19	24.00	.....	.....	24.00
Princeton	.....	.....	.....	.....	.....	.....	2	2.00	.....	.....	2.00
Quesnel	2	100.00	.....	.....	.....	.....	1	2.00	.....	.....	102.00
Revelstoke	.....	.....	.....	.....	.....	.....	3	3.00	.....	.....	3.00
Rossland	.....	.....	.....	.....	.....	.....	3	3.00	1	10.00	13.00
Salmon Arm	.....	.....	.....	.....	.....	.....	3	3.00	1	10.00	13.00
Smithers	.....	.....	.....	.....	.....	.....	5	5.00	.....	.....	5.00
Telegraph Creek	5	450.00	.....	.....	.....	.....	.....	.....	.....	.....	450.00
Vancouver	14	900.00	9	225.00	1	5.00	36	66.00	29	290.00	1,486.00
Vernon	.....	.....	.....	.....	1	5.00	8	13.00	.....	.....	18.00
Victoria	.....	.....	4	100.00	1	5.00	22	65.00	33	330.00	500.00
Williams Lake	4	300.00	1	25.00	.....	.....	1	1.00	1	10.00	336.00
Windermere	.....	.....	.....	.....	.....	.....	6	9.00	.....	.....	9.00
Wilmer	.....	.....	.....	.....	.....	.....	11	15.00	.....	.....	15.00
Totals	72	$4,550.00	46	$1,150.00	4	$20.00	951	$1,378.00	158	$1,580.00	$8,678.00

REVENUE DERIVED FROM SALE OF FUR-TRADERS' LICENCES AND FROM ROYALTY OR TAX ON FUR, JANUARY 1ST, 1933, TO DECEMBER 31ST, 1933.

Government Agents.	Resident Fur-traders.		Non-resident Fur-traders.		Royalty or Tax on Fur.		Taxidermists' Licences.		Total.
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	
Alberni	3	$75.00	....	.....	21	$101.70	.....	.....	$176.70
Atlin	4	100.00	....	.....	23	136.78	.....	.....	236.78
Clinton	1	25.00	....	.....	3	14.70	.....	.....	39.70
Cranbrook	2	50.00	....	.....	29	117.12	.....	.....	167.12
Cumberland	.....	.....	....	.....	1	2.00	.....	.....	2.00
Duncan	.....	.....	....	.....	31	72.65	.....	.....	72.65
Fernie	.....	.....	....	.....	8	40.29	.....	.....	40.29
Fort Fraser	20	500.00	....	.....	46	1,199.24	.....	.....	1,699.24
Golden	.....	.....	....	.....	3	8.40	.....	.....	8.40
Greenwood	.....	.....	....	.....	1	2.18	.....	.....	2.18
Kamloops	4	100.00	....	.....	4	26.63	.....	.....	126.63
Kaslo	.....	.....	....	.....	1	.30	.....	.....	.30
Kelowna	.....	.....	....	.....	1	20.85	.....	.....	20.85
Lillooet	.....	.....	....	.....	1	.40	.....	.....	.40
Merritt	1	25.00	....	.....	20	91.90	.....	.....	116.90
Nanaimo	.....	.....	....	.....	10	5.65	.....	.....	5.65
Nelson	1	25.00	....	.....	9	34.65	.....	.....	59.65
New Westminster	.....	.....	....	.....	7	17.20	.....	.....	17.20
Penticton	.....	.....	....	.....	4	1.55	.....	.....	1.55
Pouce Coupe	22	550.00	....	.....	137	5,709.88	1	$5.00	6,264.88
Prince George	13	325.00	....	.....	68	587.53	1	5.00	917.53
Prince Rupert	17	425.00	....	.....	89	3,763.67	1	5.00	4,193.67
Princeton	.....	.....	....	.....	2	5.05	.....	.....	5.05
Quesnel	11	275.00	....	.....	13	180.95	1	5.00	460.95
Revelstoke	.....	.....	....	.....	2	1.30	.....	.....	1.30
Rossland	.....	.....	....	.....	2	4.05	.....	.....	4.05
Salmon Arm	.....	.....	....	.....	4	9.00	.....	.....	9.00
Smithers	10	250.00	....	.....	8	35.04	.....	.....	285.04
Telegraph Creek	10	250.00	....	.....	25	317.68	.....	.....	567.68
Vancouver	47	1,175.00	....	.....	504	26,874.92	6	30.00	28,079.92
Vernon	3	75.00	....	.....	8	35.09	2	10.00	120.09
Victoria	4	100.00	....	.....	65	167.43	2	10.00	277.43
Williams Lake	10	250.00	....	.....	3	2.40	.....	.....	252.40
Windermere	.....	.....	....	.....	1	2.25	.....	.....	2.25
Wilmer	.....	.....	....	.....	4	2.05	.....	.....	2.05
Totals	183	$4,575.00	....	.....	1,158	$39,592.48	14	$70.00	$44,237.48

COMPARATIVE STATEMENT SHOWING PELTS OF FUR-BEARING ANIMALS ON WHICH ROYALTY HAS BEEN COLLECTED DURING THE PERIOD 1921 TO 1933, INCLUSIVE.

Calendar Year.	NUMBER AND KIND OF PELTS ON WHICH ROYALTY HAS BEEN COLLECTED.																		Amount of Royalty collected.
	Bear.	Beaver.	Fisher.	Fox, Silver.	Fox, Cross.	Fox, Red.	Fox, Blue (Farmed).	Lynx.	Marten.	Mink.	Muskrats.	Otter.	Racoon.	Skunk.	Weasel.	Wolverine.	Wildcat.	Wolf.	
1921	2,489	476	711	62	259	297	.....	1,240	11,128	10,693	75,185	666	2,651	361	26,285	329	58	117	$24,595.80
1922	2,127	26,359	536	88	356	443	.....	1,855	12,181	18,932	139,232	915	6,069	715	24,603	298	273	244	51,093.89
1923	1,397	32,212	575	114	422	650	.....	2,666	10,043	19,276	127,846	832	5,204	813	37,408	216	82	27	60,594.18
1924	1,339	24,619	627	210	920	1,281	.....	4,850	11,780	20,201	91,599	769	4,595	681	29,878	251	20	7	56,356.68
1925	1,199	18,231	524	248	1,145	1,592	.....	6,488	7,535	18,795	67,331	713	4,959	802	25,210	208	16	12	48,737.78
1926	1,505	18,478	1,038	419	2,226	2,881	.....	8,250	9,920	24,158	48,426	783	5,120	798	30,952	325	23	39	56,045.13
1927	1,529	24,418	1,149	674	2,342	2,590	.....	6,385	11,008	16,548	63,884	1,068	7,488	1,132	38,337	502	28	124	61,629.96
1928	1,735	20,662	887	573	910	1,031	.....	4,397	11,610	11,968	65,130	981	7,141	1,114	46,782	487	65	37	51,563.07
1929	1,165	14,787	749	226	1,056	1,028	.....	2,583	11,265	8,226	52,696	856	5,271	725	67,619	323	4	64	40,769.89
1930	1,105	17,137	681	150	601	579	.....	1,584	9,172	8,995	84,500	838	3,790	837	52,630	354	8	51	40,431.11
1931	641	18,123	663	267	532	539	.....	1,599	8,066	10,528	106,920	807	3,171	543	42,893	206	2	146	41,056.08
1932	592	12,624	558	917	583	644	102	1,273	8,750	12,977	100,509	662	3,555	640	48,357	236	.....	148	36,253.79
1933	281	11,741	602	2,174	714	972	342	2,064	11,433	17,066	91,230	723	2,891	513	43,321	233	.....	181	39,592.48
Ave., 1921–33	17,104	239,867	9,300	6,122	12,066	14,527	444	45,234	133,891	198,363	1,114,488	10,613	61,905	9,674	514,275	3,968	579	1,197	$608,719.84
Totals	1,315.69	18,451.30	715.38	470.91	928.15	1,117.46	.....	3,479.53	10,298.53	15,251.00	85,729.84	816.38	4,761.92	744.15	39,559.61	305.23	44.53	92.09	$46,824.60

PARTICULARS OF VARIOUS PELTS ON WHICH ROYALTY HAS BEEN PAID, JANUARY 1ST, 1933, TO DECEMBER 31ST, 1933.

Government Agents.	NUMBER AND KIND OF PELTS ON WHICH ROYALTY HAS BEEN PAID.																	
	Bear.	Beaver.	Fisher.	Fox, Silver.	Fox, Cross.	Fox, Red.	Fox, Blue (Farmed).	Lynx.	Marten.	Mink.	Muskrats.	Otter.	Racoon.	Skunk.	Weasel.	Wildcat.	Wolf.	Wolverine.
Alberni	1	.....	.....	.....	.....	.....	.....	.....	13	238	.....	24	48	....	.....	....	....	....
Anyox	.....	.....	.....	1	1	.....	.....	.....	.....	13	.....	.....	.....	....	.....	....	....	....
Atlin	19	11	.....	.....	.....	3	.....	15	33	138	264	5	.....	....	307	....	1	3
Clinton	.....	.....	2	.....	.....	2	16	1	.....	4	.....	.....	.....	....	15	....	....	....
Cranbrook	1	11	.....	145	1	.....	.....	8	22	57	453	.....	.....	23	199	....	....	....
Cumberland	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	....	.....	....	....	....
Duncan	.....	.....	.....	63	1	.....	113	.....	.....	.....	.....	.....	.....	....	.....	....	....	....
Fernie	4	14	.....	.....	.....	.....	.....	.....	22	5	4	.....	.....	....	41	....	....	....
Fort Fraser	11	584	9	60	19	21	.....	9	159	204	5,175	9	.....	6	413	....	....	....
Golden	.....	.....	.....	8	.....	.....	.....	3	.....	3	100	.....	.....	....	.....	....	....	....
Greenwood	.....	.....	.....	.....	.....	.....	.....	.....	1	4	.....	.....	.....	....	6	....	....	....
Kamloops	1	.....	2	1	.....	3	.....	.....	2	103	.....	.....	.....	....	29	....	....	....
Kaslo	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	10	....	....	....
Kelowna	.....	19	.....	.....	.....	.....	.....	.....	.....	.....	37	.....	.....	....	.....	....	....	....
Lillooet	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	....
Merritt	.....	4	.....	442	13	13	.....	12	.....	1	.....	.....	.....	....	.....	....	....	....
Nanaimo	.....	.....	.....	47	.....	.....	3	.....	.....	7	.....	.....	.....	....	.....	....	....	....
Nelson	2	.....	.....	5	.....	.....	12	.....	17	57	.....	.....	.....	....	.....	....	....	....
New Westminster	3	.....	.....	10	.....	.....	.....	.....	.....	.....	124	.....	.....	....	.....	....	....	....
Penticton	1	.....	.....	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	....
Pouce Coupe	38	2,404	35	20	162	332	.....	914	1,485	518	6,614	13	.....	17	4,358	....	129	12
Prince George	59	211	8	21	29	27	20	16	32	195	1,825	9	.....	24	1,655	....	26	3
Prince Rupert	36	1,669	34	18	18	29	.....	16	827	2,598	1,012	195	35	9	2,191	....	2	34
Princeton	.....	.....	.....	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	....
Quesnel	.....	11	.....	2	5	11	.....	10	5	97	1,792	9	.....	....	268	....	14	....
Revelstoke	2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	....	.....	....	....	....
Rossland	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	51	.....	.....	....	.....	....	....	....
Salmon Arm	.....	1	.....	6	2	.....	.....	.....	2	.....	.....	.....	.....	....	.....	....	....	....
Smithers	.....	.....	.....	2	1	1	.....	.....	16	11	.....	.....	.....	1	470	....	....	....
Telegraph Creek	12	106	.....	.....	9	21	.....	10	138	48	43	.....	.....	....	466	....	1	10
Vancouver	168	6,685	512	998	439	503	165	1,038	8,648	12,689	73,485	457	2,793	423	32,833	....	4	169
Vernon	.....	9	.....	55	.....	.....	.....	10	3	9	65	.....	.....	9	58	....	4	....
Victoria	20	1	.....	199	14	6	12	1	6	61	158	2	15	1	2	....	....	1
Williams Lake	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	28	.....	.....	....	.....	....	....	1
Windermere	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	....
Wilmer	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	....	.....	....	....	....
Totals	281	11,741	602	2,174	714	972	342	2,064	11,433	17,066	91,230	723	2,891	513	43,321	....	181	233

BOUNTIES PAID DURING THE YEAR ENDED DECEMBER 31ST, 1933.

Government Agents.	Wolves.	Cougars.	Total.
Alberni	.....	118	$1,180.00
Clinton	.....	5	50.00
Cumberland	.....	215	2,150.00
Duncan	.....	48	480.00
Fernie	.....	4	40.00
Fort Fraser	.....	5	50.00
Kamloops	.....	7	70.00
Kaslo	.....	1	10.00
Merritt	.....	12	120.00
Nanaimo	.....	35	350.00
Nelson	.....	7	70.00
Penticton	.....	5	50.00
Prince George	.....	7	70.00
Prince Rupert	.....	1	10.00
Quesnel	.....	2	20.00
Revelstoke	.....	1	10.00
Smithers	.....	2	20.00
Vancouver	1	103	1,035.00
Vernon	.....	3	30.00
Victoria	.....	40	400.00
Williams Lake	.....	7	70.00
Totals	1	628	$6,285.00

COMPARATIVE STATEMENT OF BOUNTIES PAID FROM 1922–33.

Calendar Year.	Wolves.	Cougars.	Coyotes.	Crows.	Magpies.	Eagles.	Owls.	Total.
1922	303	372	1,092	53,443	2,246	7,095	17,625	$60,494.80
1923	162	195	1,687	.....	70	20	172	14,840.00
1924	195	173	5,175	172	.....	89	.....	20,398.40
1925	291	137	7,276	.....	.....	.....	.....	24,397.00
1926	336	183	14,070	5,770	.....	.....	.....	41,077.00
1927	344	372	20,192	10,046	2,487	.....	.....	65,377.95
1928	452	444	3,672	.....	.....	.....	1,025	50,709.25
1929	411	530	1,881	.....	.....	.....	1,389	42,122.00
1930	312	491	1,544	.....	.....	.....	403	36,090.25
1931	310	701	2,864	.....	3,427	.....	1	42,036.15
1932	.....	8	.....	.....	.....	.....	.....	80.00
1933	1	628	.....	.....	.....	.....	.....	6,285.00
Totals	3,117	4,234	59,453	69,431	8,230	7,204	20,615	$403,907.80

TOTAL COLLECTIONS FROM FUR TRADE, 1921–33.

Calendar Year.	Fur Royalty or Tax.	Fur-trade Licences.	Total.
1921	$24,595.80	$6,195.00	$30,790.80
1922	51,093.89	6,365.00	57,458.89
1923	60,594.18	6,930.00	67,524.18
1924	56,356.68	6,090.00	62,446.68
1925	48,737.78	7,550.00	56,287.78
1926	56,045.13	6,490.00	62,535.13
1927	61,629.96	9,695.00	71,324.96
1928	51,563.07	7,260.00	58,823.07
1929	40,769.89	6,560.00	47,329.89
1930	40,431.11	4,730.00	45,161.11
1931	41,056.08	4,925.00	45,981.08
1932	36,253.79	4,110.00	40,363.79
1933	39,592.48	4,575.00	44,167.48
Totals	$608,719.84	$81,475.00	$690,194.84

List of Fur confiscated for Infractions of the "Game Act," January 1st, 1933, to December 31st, 1933.

Date of Confiscation.	Confiscated from.	Confiscated at.	Kind of Fur confiscated.									
			Bear.	Beaver.	Lynx.	Fox, Cross.	Mink.	Muskrats.	Racoon.	Marten.	Weasel.	Otter.
Jan. 24	Kasprack, S.	Prince George	....	....	....	....	1	20	....	....	20	....
,, 30	Newton, J.	Topley	....	....	....	....	....	....	....	....	9	....
Feb. 25	Gilker, C. R.	Pouce Coupe	....	....	....	....	....	....	....	....	6	....
March 2	Old Clutise (Ind.)	Alberni	1	....	....	....	....	....	....	....	....	....
,, 17	Castell, F.	Telkwa	....	....	....	....	....	29	....	....	....	....
,, 20	Holman, A.	Westholme	....	1	....	....	....	....	....	....	....	1
,, 22	Winstanley, E., *et al.*	Vancouver	....	....	....	....	....	8	....	....	....	....
,, 31	Margetish, G.	Alberni	....	....	....	....	....	....	2	....	....	....
April 3	Gairdner, E.	Fort Nelson	....	....	1	....	....	....	....	....	....	....
,, 10	Nass, Joe	Telkwa	....	1	....	....	....	2	....	....	....	....
May 2	Taylor, W. E.	Kyuquot	....	....	....	....	17	....	3	4	....	....
,, 13	Flanagan, W. S.	Ocean Falls	....	5	....	....	....	....	....	....	....	....
,, 29	Matsula, O.	Fort Nelson	....	3	....	....	....	26	....	....	....	....
Aug. 19	Pastor, J.	Prince George	1	....	....	....	....	....	....	....	....	....
Sept. 30	McDonald, David	Fernie	....	....	....	....	1	....	....	....	....	....
Nov. 3	Viertl, Antone	Prince George	....	....	....	1	4	2	....	....	7	....
,, 28	Thomas, H. J.	Prince George	....	....	....	....	....	64	....	....	....	....
Dec. 22	Tynjala, Toiro	Alert Bay	....	....	....	....	1	....	1	....	....	....
	Totals		2	10	1	1	24	151	6	4	42	1

List of Firearms confiscated for Infractions of the "Game Act," January 1st, 1933, to December 31st, 1933.

Date of Confiscation.	Confiscated from.	Confiscated at.	Kind of Firearms confiscated.	
			Rifles.	Shotguns.
Jan. 26	Donavon, R.	Parksville	....	1
Feb. 22	McCann, J.	Port Haney	1	....
March 6	Friedrich, Karl	Bridge Lake	1	....
,, 10	Nelson, Wilfred	Parksville	1	....
April 28	Campbell, Thomas	Ladysmith	1	....
May 10	Brown, R.	Pouce Coupe	3	....
,, 13	Flanagan, W. S.	Ocean Falls	1	....
,, 13	Flanagan, W. S.	Ocean Falls	1*	....
,, 15	Judd, C.	Port Moody	1	....
,, 15	Jenson, L.	Port Moody	1	....
Sept. 2	Williams, Jas.	Cumberland	1	....
,, 2	Hilton, John	Cumberland	1	....
,, 11	Bower, Harry	Nelson	1	....
,, 13	Clark, G. P.	Nelson	1	....
,, 14	Braiden, R. N.	Moyie	1	....
,, 16	Hunka, Pete	Kaslo	1	....
,, 26	Shin, Fong	Prince George	1	....
Oct. 21	Faulkner, G.	Mission	....	1†
,, 31	Emery, Ralph	Alberni	1	....
Nov. 21	Stafford, M.	Nanaimo	....	1
	Totals		19	3

* Pistol. † Automatic shotgun.

Note.—Revenue derived from sale of confiscated and surrendered fur and firearms under the "Game Act" during the calendar year 1933 amounted to $419.29.

Comparative Statistics.

Calendar Year.	Prosecutions.					Revenue derived from Sale of Game Licences, Fees, and Furs.	Revenue derived from Fur Trade.
	Informations laid.	Convictions.	Cases dismissed.	Firearms confiscated.	Fines imposed.		
1913	188	181	7	....	$4,417.50	$109,600.80	.....
1914	294	273	21	....	5,050.00	92,034.20	.....
1915	279	258	21	....	4,097.50	72,974.25	.....
1916	127	110	17	....	2,050.00	66,186.97	.....
1917	111	97	10	....	1,763.50	65,487.50	.....
1918	194	167	13	5	3,341.00	75,537.00	.....
1919	267	242	25	36	6,024.50	116,135.00	.....
1920	293	266	27	46	6,073.00	132,296.50	$5,291.39
1921	329	312	17	74	6,455.00	114,842.00	24,595.80
1922	359	317	42	44	7,275.00	127,111.50	51,093.89
1923	309	280	29	24	5,676.50	121,639.50	60,594.18
1924	317	283	34	24	4,768.00	125,505.50	56,356.68
1925	296	279	17	43	5,825.00	123,950.50	56,287.78
1926	483	439	44	39	7,454.00	135,843.50	62,535.13
1927	518	469	49	47	10,480.50	139,814.00	71,324.96
1928	439	406	33	29	7,283.50	140,014.75	58,823.07
1929	602	569	33	54	9,008.00	142,028.22	47,329.89
1930	678	636	32	33	9,572.75	147,660.00	45,161.11
1931	676	625	51	40	8,645.00	137,233.31	46,091.08
1932	538	497	41	37	5,493.50	141,269.55	40,363.79
1933	498	474	24	22	3,531.00	135,876.94	44,167.48

Game Fish Culture Branch—Summary of Plantings for the Year 1933.

District and Area.	Plantings, River or Lake.	Cut-throat Trout.			Atlantic Salmon.	Kamloops Trout.		Totals.
		Eyed Eggs.	Fingerlings.		Fingerlings, No. 2.	Fingerlings.		
			No. 1.	No. 2.		No. 1.	No. 2.	
Vancouver Island—								
Courtenay	Tsolum River	25,000	.....	.....	.....	.....	.....	.....
Cowichan	Cowichan Lake	.....	.....	.....	14,716	.....	.....	14,716
Lower Mainland and Coast—								
Ioco	Deer Lake	.....	.....	.....	.....	10,000	.....	10,000
Harrison	Deer Lake	.....	.....	.....	.....	15,000	.....	15,000
Stave	Hayward Lake	.....	.....	.....	.....	15,000	.....	15,000
Powell River	Powell Lake	.....	.....	.....	.....	20,000	.....	20,000
North Vancouver	Goldie Lake	.....	.....	.....	.....	500	.....	500
Sechelt	Halfmoon Bay Lake	.....	.....	.....	.....	.....	3,500	3,500
Gambier Island	Linfoot Lake	.....	.....	.....	.....	.....	500	500
Cloverdale	Nicomekl River	.....	60,000	.....	.....	.....	.....	60,000
Cloverdale	Salmon River	.....	20,000	.....	.....	.....	.....	20,000
Cloverdale	Serpentine River	.....	64,000	.....	.....	.....	.....	64,000
Coquitlam	North Alouette River	.....	16,000	.....	.....	.....	.....	16,000
Hope	Coquihalla River	.....	28,000	.....	.....	.....	.....	28,000
Port Haney	Kanaka Creek	.....	10,000	.....	.....	.....	.....	10,000
Abbotsford	Little Sumas River	.....	20,000	.....	.....	.....	.....	20,000
Abbotsford	Clayburn Slough	.....	.....	12,000	.....	.....	.....	12,000
Abbotsford	Matsqui Slough	.....	.....	8,000	.....	.....	.....	8,000
Totals		.....	218,000	20,000	14,716	60,500	4,000	317,216

Note.—The balance of Atlantic salmon fry being held in Lake Cowichan Hatchery until spring of 1934.

Predatory Animals and Noxious Birds destroyed by Game Wardens during Year 1933.

Bear	19	Eagles	94
Cougar	32	Hawks	514
Coyotes	114	Groundhogs	46
Crows	5,547	Magpies	2,093
Cats (domestic)	1,000	Owls	285
Dogs	120		

Hunting Accidents, January 1st, 1933, to December 31st, 1933.

Date.	Name of Wounded Person.	Name of Person responsible for Accident.	District.	Cause of Accident.	Nature of Injuries.	Result of Injuries.
Jan. 29	Wright, A.	Self	North Vancouver	Drawing loaded shotgun toward himself while in a boat	Shot in right arm	Serious.
Feb. 27	Marlatt, V. E.	Marlatt, M.	Lillooet	Slipping over snag	Wounded in groin	Died.
March 15	Harrington, Mrs. H. L.	Harrington, R.	Peachland	Careless handling of a 22-cal. rifle	Hit in left thigh	Serious.
June 2	Sweet, Miss R.	Shumard, R.	Fernie	Careless handling of a 22-cal. rifle	Shot in hip	Not serious.
,, 14	French, Ely	Self	Nanaimo	Careless handling of a 22-cal. rifle	Hit in calf of left leg	Not serious.
,, 14	Backlund, J.	Hints, W.	Quesnel	Mistaken for a deer	Shot in shoulder	Died.
,, 29	Bayne, S.	Emery, R.	Alberni	Mistaken for a deer	.....	Died.
Aug. 5	McIvor, D.	Mabley, H. C.	Fort St. John	Mistaken for a deer	Wounded in left leg	Not serious.
Oct. 1	Monks, Thos.	Taylor, W.	Telkwa	Mistaken for a deer	Shot in body	Died.
,, 3	Vance, Jos.	Self	North Vancouver	Careless handling of a 22-cal. rifle	Hit in foot	Not serious.
,, 29	Hudson, Jack	Russell, W.	Vancouver	Accidental discharge of a shotgun	Shot in right thigh	Serious.
Nov. 5	Johnson, N. K.	Self	Grand Forks	Using loaded rifle to knock down bush	Hit in chest	Died.
,, 8	Taylor, S.	.....	Vancouver	Upsetting of a duck-punt	.....	Drowned.
,, 18	Hashamoto, K.	Self	Vancouver	Pulling loaded shotgun out of a boat	Wounded in right leg and hand	Died.
,, 18	McPhail, M.	Lauder, S.	Matsqui	Careless handling of a shotgun	Pellet in face	Not serious.
,, 24	Taylor, C. W. J.	Self	Creston	Slipping while carrying a shotgun	Shot in arm near shoulder	Died.
Oct. 7	Clavering, G.	Self	Prince Rupert	Careless handling of a shotgun	Hit in left wrist and breast	Serious.
Dec. 6	Brynolfson, F. G.	Hansen, J. A.	Butedale	Mistaken for a deer	Wounded in thigh	Died.
,, 16	Stastng, H.	Self	Abbotsford	Slipping on ice	Hit in right thigh	Serious.
,, 23	Sherwood, A.	Self	Fernie	Accidental discharge of a rifle	Shot in head	Died.
,, 30	Cumming, G.	Self	Vancouver	Careless handling of a shotgun	Shot in head	Died.

Note.—Firearms licences either cancelled or suspended in all cases where proof was obtained of careless or negligent handling of firearms. In every case, where evidence warranted it, the British Columbia Police have taken steps against the parties responsible for the accidents listed above, by laying charges against these parties under the Criminal Code of Canada.

BIG-GAME TROPHY FEES PAID BY NON-RESIDENTS, JANUARY 1ST, 1933, TO DECEMBER 31ST, 1933.

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule.	Deer, Coast, etc.	Mountain-goat.	Moose.	Sheep.	Wapiti (Elk).	
Atlin—										
Ulleary, G. C., Springfield, Ohio	....	....	....	....	....	2	....	....	....	$30.00
Poss, J. A., Springfield, Ohio	....	....	....	....	....	2	....	....	....	30.00
Alberni—										
Dent, H. A., Seattle, Wash.	....	....	....	....	1	....	....	....	....	5.00
Whaley, R. S., Seattle, Wash.	....	....	....	....	2	....	....	....	....	10.00
Fernie—										
Lutz., Jas., Trail Creek, Montana	....	....	....	....	....	....	....	....	1	15.00
Greenwood—										
Bauers, E., Seattle, Wash.	....	....	....	....	2	....	....	....	....	30.00
Harley, C. S., Seattle, Wash.	....	....	....	....	2	....	....	....	....	30.00
Lillooet—										
Arnold, L. M., Seattle, Wash.	....	....	....	....	....	....	....	1	....	15.00
New Westminster—										
Hollingsworth, O. R., Bellingham, Wash.	....	....	....	....	....	....	1	....	....	15.00
Brents, P., Bellingham, Wash.	....	....	....	....	....	....	1	....	....	15.00
Markham, J., Centralia, Wash.	....	....	....	....	1	....	....	....	....	5.00
Pearson, G., San Bernadino, Cal.	....	....	1	....	....	....	....	....	....	15.00
Hahn, E. A., Seattle, Wash.	....	....	....	....	....	....	1	....	....	15.00
Schoessler, W. E., Kennebee, S.D.	....	....	....	....	....	....	1	....	....	15.00
Sill, E. G., Seattle, Wash.	1	....	....	....	....	....	....	....	....	15.00
Harley, C. S., Seattle, Wash.	....	....	....	....	....	....	1	....	....	15.00
Keastor, J. B., Pasadena, Cal.	....	....	....	....	....	....	1	....	....	15.00
Potts, J. R., Seattle, Wash.	....	....	....	....	....	....	1	....	....	15.00
Cameron, Bruce, Mt. Vernon, Wash.	....	....	....	....	....	....	1	....	....	15.00
Bates, D. H., Portland, Ore.	....	....	....	1	....	....	....	....	....	15.00
Pouce Coupe—										
Leckrone, Dr. M. E., Rochester, Ind.	1	....	1	....	....	2	....	....	....	60.00
King, Dr. M. O., Rochester, Ind.	2	....	....	....	....	1	....	....	....	45.00
Marguarde, Dr. G., Chicago, Ill.	....	....	1	....	....	....	1	....	....	30.00
Shearer, M., Rifle, Col.	....	....	....	....	....	....	....	2	....	30.00
Prince George—										
Stanton, Dr. E. McD., Schenectady, N.Y.	1	3	1	....	....	....	1	....	....	90.00
Stanton, Dr. E. McD., Schenectady, N.Y.	1	....	....	....	....	....	....	....	....	15.00
Callahan, H. B., La Crosse, Wis.	1	2	....	....	....	....	....	....	....	45.00
Hite, Wm., Pond Creek, Okla.	....	1	1	....	....	2	....	....	....	60.00
Zanuk, D., Hollywood, Cal.	....	1	....	....	....	....	....	....	....	15.00
Enright, R., Hollywood, Cal.	....	1	....	....	....	....	....	....	....	15.00
Bingham, J., Toledo, Ohio	2	1	....	....	....	....	....	....	....	45.00
Estrade, J. E., Mexico City	1	....	2	1	....	2	1	....	....	105.00
Vancouver—										
Freeman, T. L., Louisiana	1	1	....	....	....	....	....	1	....	45.00
Benham, J. D., Chicago, Ill.	1	....	....	....	....	1	....	1	1	60.00
Cornett, M. E., Klamath Falls, Ore.	....	....	....	....	....	....	1	....	....	15.00
Hanley-Law, C. J., Melbourne, Australia	....	....	....	....	....	1	1	....	1	45.00
McGuire, R. F., Belfast, Ireland	....	....	....	1	....	....	....	....	....	15.00
Kingery, Dr. L. B., Portland, Ore.	....	....	....	....	1	....	....	....	....	5.00
Rugh, Dr. T., Klamath Falls, Ore.	....	....	1	....	....	....	....	....	....	15.00
Windermere—										
Krippner, Wm., New York, N.Y.	1	3	....	....	....	....	....	....	....	60.00
Williams Lake—										
Ayers, J. C., Fort Collins, Col.	....	2	....	....	....	....	....	....	....	30.00
Barton, J. F., Longview, Wash.	....	....	....	....	....	....	1	....	....	15.00
Waffensmith, J. W., New Haven, Conn.	....	....	....	....	....	2	1	....	....	45.00
Scott, R. J., Trail Creek, Mon.	....	....	....	....	....	....	....	....	1	15.00
Totals	13	15	8	3	9	15	15	5	4	$1,255.00

PROSECUTIONS (PROVINCIAL GAME DIVISIONS), JANUARY 1ST, 1933, TO DECEMBER 31ST, 1933.

Description of Offence.	See FOOT-NOTE. "A" Division.	"B" Division.	"C" Division.	"D" Division.	"E" Division.	Dismissals.	Convictions.	Total No. of Cases.	Fines or Penalties imposed.
Game Animals.									
Exceeding bag limit on big game	....	....	1	....	....	....	1	1	.....
Game on premises of a boarding-house, etc.	....	1	....	....	....	....	1	1	$10.00
Hunting game between one hour after sunset and one hour before sunrise	1	....	....	....	....	....	1	1	25.00
Killing or having in possession game animals of the female sex	2	2	3	....	2	1	9	10	110.00
Killing, hunting, or having in possession game animals during close season	8	4	13	1	1	2	27	29	260.00
Possession of game animals under 1 year of age	2	3	2	1	2	....	10	10	90.00
Possession of pelts of fur-bearing animals during close season	3	....	1	1	....	....	5	5	85.00
Possession of untagged deer	3	....	4	....	....	....	7	7	70.00
Running deer with dogs	....	6	....	....	....	....	6	6	10.00
Removal of evidence as to sex of a game animal killed or taken	....	....	2	....	....	1	2	3	20.00
Selling or buying game animals or parts thereof	....	....	....	1	....	....	1	1	10.00
Trapping or snaring big game	....	....	....	....	1	....	1	1	10.00
Game Birds.									
Hunting migratory game birds with a rifle	....	....	....	....	1	....	1	1	10.00
Hunting or in possession of migratory game birds during close season	1	....	1	....	3	....	5	5	70.00
Hunting migratory game birds between one hour after sunset and one hour before sunrise	....	....	....	....	2	....	2	2	20.00
Hunting, killing, or having in possession upland game birds during close season	....	5	4	....	7	2	16	18	270.00
Selling game birds	....	....	....	....	1	....	1	1	.....
Trapping game birds	....	....	....	1	....	....	1	1	.....
Trapping.									
Interfering with a registered trap-line	....	1	1	8	....	....	10	10	90.00
Trapping or carrying traps without a licence	3	3	3	3	2	1	14	15	120.00
Trapping during the close season	1	1	1	3	1	1	7	8	65.00
Trapping without first registering trap-line	....	....	1	....	....	....	1	1	.....
Trapping on a game reserve	....	....	....	1	....	....	1	1	25.00
Licences.									
Angling in non-tidal waters without a licence	6	5	12	1	18	....	42	42	340.00
Buying or trading in fur without a licence	....	....	....	1	....	1	1	2	50.00
Carrying firearms without a licence	13	21	18	11	43	4	106	110	770.00
Minor carrying firearms without being accompanied by an adult holder of a licence	....	....	....	....	1	....	1	1	10.00
Making a false application for a licence	....	....	....	....	3	....	3	3	30.00
Non-resident carrying firearms without a licence	....	1	....	1	1	....	3	3	100.00
Non-resident angling without a licence	....	8	1	....	7	....	16	16	165.00
Firearms.									
Carrying loaded firearms in or discharging same from an automobile or other vehicle	2	1	5	....	11	4	19	23	185.00
Carrying or in possession of an unplugged pump-shotgun or an automatic shotgun	1	1	1	....	3	....	6	6	40.00

PROSECUTIONS (PROVINCIAL GAME DIVISIONS), JANUARY 1ST, 1933, TO DECEMBER 31ST, 1933—*Continued.*

Description of Offence.	*See* FOOT-NOTE. "A" Division.	"B" Division.	"C" Division.	"D" Division.	"E" Division.	Dismissals.	Convictions.	Total No. of Cases.	Fines or Penalties imposed.
Firearms—Continued.									
Carrying firearms or traps within a game reserve	1	....	....	....	3	....	4	4	$40.00
Discharging firearms on or across a highway in a municipality	1	....	....	....	2	1	3	4	30.00
Miscellaneous.									
Acting as a guide without ascertaining if hunter was in possession of a licence	....	1	....	....	....	....	1	1	10.00
Exporting fur without a permit	....	....	....	1	....	....	1	1	10.00
Non-resident acting as a guide	....	....	....	1	....	....	1	1	20.00
Obstructing or furnishing false information to a Game Warden or Constable	1	2	2	....	4	1	9	10	95.00
Possession of fur during prohibited period without a permit therefor	....	....	....	2	....	....	2	2	35.00
Trespassing	....	....	4	....	11	5	15	20	110.00
B.C. Special Fishery Regulations.									
Exceeding daily bag limit on fish	....	1	1	....	1	....	3	3	12.00
Fishing with salmon-roe in prohibited area	2	....	....	....	....	....	2	2	4.00
Fishing or in possession of fish during close season	....	1	....	....	....	....	1	1	15.00
Jigging fish or using set-lines	....	....	1	....	....	....	1	1	.....
Netting fish illegally	....	....	....	6	....	....	6	6	26.50
Possession of sturgeon under 3 feet in length	....	....	....	....	1	....	1	1	1.00
Taking trout under 8 inches in length	6	....	2	....	3	....	11	11	22.00
Using more than one lure on a line	1	....	....	....	8	....	9	9	40.50
									$3,531.00
Gaol Sentences.									
Angling in non-tidal waters without a licence	1	7	....	....	1	....	9	9	.....
Angling with more than one line	....	....	....	....	1	....	1	1	.....
Buying or selling game animals or birds	1	....	....	....	....	....	1	1	.....
Carrying firearms without a licence	3	2	1	2	3	....	11	11	.....
Fishing with salmon-roe in prohibited waters	1	....	....	....	....	....	1	1	.....
Furnishing false information to a Game Warden	....	....	....	2	....	....	2	2	.....
Failing to produce firearms licence when requested by a Game Warden	....	....	....	....	1	....	1	1	.....
Interfering with a registered trap-line	....	....	....	3	....	....	3	3	.....
Killing big game during the close season	....	....	2	3	....	....	5	5	.....
Killing big game under 1 year in age	....	....	....	1	....	....	1	1	.....
Killing pheasants when snow was on the ground	....	....	1	....	....	....	1	1	.....
Non-resident carrying firearms without a licence	....	....	....	4	....	....	4	4	.....
Netting fish illegally	....	....	....	3	....	....	3	3	.....
Pit-lamping	6	....	....	....	3	....	9	9	.....
Possession of game animals during close season	4	....	1	....	....	....	5	5	.....
Possession of untagged deer	1	....	....	....	....	....	1	1	.....
Possession of game birds during close season	2	....	....	1	2	....	5	5	.....
Running deer with dogs	1	....	....	....	....	....	1	1	.....
Trapping without a licence or during close season	....	1	1	7	1	....	10	10	.....
Trapping on a game reserve	....	....	....	....	3	....	3	3	.....
Totals	78	78	90	70	158	24	474	498	.....

NOTE.—"A" Division: Vancouver Island area and part of Mainland. "B" Division: Kootenay and Boundary areas. "C" Division: Kamloops, Yale, Okanagan, Cariboo, and Clinton areas. "D" Division: Atlin, Skeena, Omineca, Fort George, Peace River, and Yukon Boundary areas. "E" Division: Vancouver, Coast, and Lower Mainland areas. Gaol sentences ranged from two to ninety days.

List of Guides, 1933.

Barkerville District.

Cochrane, J. D.	Barkerville.	Reed, F. DeWitt	Barkerville.
Hodges, N. T.	,,	Rivers, Henry	,,
House, Jos. S.	,,	Thompson, Norman	,,
McCall, James	,,	Thompson, W.	,,
McCall, Max A.	,,	Wendle, Jos.	,,
McKechnie, Duncan	,,	Youngs, G. A.	,,
McLanders, P.	,,		

Cariboo and Lillooet Districts.

Blackman, William	Valemont.	McClary, Wayne	Lac la Hache.
Brammer, C.	Likely.	Mackill, James	Kleena Kleene.
Collins, H.	Cache Creek.	Manson, William	Lillooet.
Collins, W. A.	Williams Lake.	Mobley, C. W.	Tappen.
DeWees, Richard	Likely.	Parminter, Ross	Likely.
Dickson, Fred	Likely.	Pinkham, E. H.	Horsefly.
Fletcher, William	Pavilion.	Pinkham, H. E.	Canim Lake.
Franks, R. J.	Kamloops.	Purjue, E.	Hanceville.
Hansen, Lee	Bridge Lake.	Ray, John B.	Clearwater Station.
Hansen, R. L.	Bridge Lake.	Rioux, E.	Fawn.
Hartong, W.	Goldbridge.	Schwartz, H.	Bridge River.
Higgins, E.	Bridge Lake.	Shields, James	Alexis Creek.
Hooker, F. C.	Horsefly.	Tibbles, F.	Quesnel.
Hutch, John	Keithley Creek.	Tibbles, J.	Quesnel.
James, Jack	Lillooet.	Tighe, J. H.	Likely.
James, William	Lillooet.	Turner, George	Kleena Kleene.
Johnson, J. W.	Likely.	Twan, David	Castle Rock.
Jones, W. D.	Quesnel.	Walters, G.	Horsefly.
Kustney, Herman	Canim Lake.	Walters, L. E.	Horsefly.
LeBeck, Ole	Swift Creek.	Walters, R. T.	150-Mile House.

Cassiar District.

Ball, George B.	Telegraph Creek.	Gleason, Henry	Telegraph Creek.
Creyke, John	Telegraph Creek.	Jack, Henry	Atlin.

Fort George District.

Carr, Stanley J.	Tete Jaune.	Hargreaves, R. F.	Mount Robson.
Chesser, C. A.	Mount Robson.	Harrison, Bryan	Wistaria.
Cochrane, R. R.	Mount Robson.	Haynes, E. B.	Dome Creek.
Colebank, G. A.	Hixon.	Johnson, L. M.	McBride.
Colebank, Gale	Hixon.	Saladano, J.	Mount Robson.
Dennison, G. M.	Red Pass.	Schive, T.	Mount Robson.
Goodell, L. E.	Shere.	Shovar, D.	McBride.
Hale, Leslie	Dome Creek.	Smith, J. M.	Red Pass-Snowshoe.
Hargreaves, G. E.	Mount Robson.	Hooker, J. B.	Dome Creek.

Hazelton District.

Beirnes, Geo. M.	Hazelton.	Jack, Tommy	Hazelton.
Hamilton, G. G.	Rose Lake.	McNeill, J. W.	Ootsa Lake.
Henson, C. F.	Ootsa Lake.	Morgan, James E.	Ootsa Lake.

Kootenay District.

Ashman, L.	Corbin.	Butwell, F. H.	Golden.
Baher, M. C.	Natal.	Canning, Fred	Skookumchuck.
Barbour, George	Wilmer.	Eberts, Max	Natal.
Boiven, William	Natal.	McGinnes, E. C.	Natal.

Kootenay District—Continued.

Moore, J. S.	Wardner.	Thomas, W. S.	Parson.
Nixon, J. H.	Invermere.	Weideman, D. W.	Leanchoil.
Schofield, B.	Windermere.	York, H. M.	Invermere.
Sherk, W. P.	Castledale.	York, R. A.	Invermere.
Thomas, Guy A.	Parson.		

Peace River District.

Beattie, R.	Hudson Hope.	Golata, F.	Rolla.
Beckman, W. H.	Fort St. John.	Garbitt, T.	Hudson Hope.
Callio, Joe	Hudson Hope.	Gibson, H. B.	Dawson Creek.
Callio, Peter	Little Prairie.	Noske, Narcisse	Rio Grande P.O., Alta.
Calliou, John	Moberly Lake.	Ross, J. A.	Hudson Hope.
Cameron, Patrick	South Pine River.	Rutledge, L.	Hudson Hope.
Cassie, F. C.	Arras.	Wanyandi, St. Paul	Goodfare, Alta.
Esswein, P. B.	East Pine.	Wilde, Thos.	Fort St. John.
Gladu, Pascal	Kelly Lake.		

Vancouver and Victoria Districts.

Appleby, Gordon	Hope.	Scuce, Herbert	Lytton.
Bidstrup, Holger	Lytton.	Service, John	Lytton.
Haig-Brown, R. L.	Alert Bay.	Tom, Harry	Lytton.
Mansell, Fred	North Vancouver.	Wilson, Len	Agassiz.
Philipps, F. A.	North Vancouver.		

Game-bird Farm Returns, 1933.

Name and Address.	Particulars.																													
	Number and Kind of Birds on Hand as at Jan. 1st, 1933.						Number and Kind of Birds raised, 1933.						Number and Kind of Birds purchased, 1933.						Number and Kind of Birds sold, 1933.						Number and Kinds of Birds on Hand as at Dec. 31st, 1933.						
	Pheasants.	Quail.	Ducks.	Geese.	Grouse.	Partridges.	Pheasants.	Quail.	Ducks.	Geese.	Grouse.	Partridges.	Pheasants.	Quail.	Ducks.	Geese.	Grouse.	Partridges.	Pheasants.	Quail.	Ducks.	Geese.	Grouse.	Partridges.	Pheasants.	Quail.	Ducks.	Geese.	Grouse.	Partridges.	Killed, escaped, etc.
Andrews, F., Vancouver	3	....	....	....	....	....	5	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	8	....	....	....	....	....	.....
Andrews, H., Burnaby	2	....	....	....	....	....	2	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	2	....	....	....	....	....	2
Askey, W. G., Royal Oak, V.I.	10	....	....	....	....	....	8	....	....	....	....	....	11	....	....	....	....	....	.....	....	....	....	....	....	25	....	....	....	....	....	4
Barge, C. E., White Rock	4	....	....	....	....	....	4	....	....	....	....	....	1	....	....	....	....	....	.....	....	....	....	....	....	9	....	....	....	....	....	.....
Barker, Jake, Vancouver	.....	....	....	....	....	....	5	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	5
Bartlett, A. L., Burnaby	5	....	....	....	....	....	6	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	10	....	....	....	....	....	1
Bateman, W. G., Moyie	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	1	....	.....
Baylis, E. S., Burnaby	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	5	....	....	....	....	....	.....
Beban, Frank, Northfield	11	....	....	....	....	....	5	....	....	....	....	....	.....	....	....	....	....	....	6	....	....	....	....	....	10	....	....	....	....	....	.....
Beldam, C. H., Upper Sumas	.....	....	12	....	....	....	.....	....	11	....	....	....	.....	....	....	....	....	....	.....	....	1	....	....	....	.....	....	18	....	....	....	4
Bowl Development Co., Victoria	12	....	....	....	....	....	82	....	....	....	....	....	.....	....	....	....	....	....	10	....	....	....	....	....	84	....	....	....	....	....	.....
Briscoe, J. G. G., Cobble Hill	.....	....	....	....	....	....	3	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	3
Browne, W. R., Burnaby	.....	....	....	....	....	....	5	4	....	....	....	....	1	....	....	....	....	....	.....	....	....	....	....	....	6	4	....	....	....	....	.....
Bryan, W. C., Victoria	.....	....	....	....	....	....	4	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	4	....	....	....	....	....	.....
Bullock, R. J., Clayburn	.....	....	....	....	....	....	6	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	6	....	....	....	....	....	.....
Caine, T. K., Vancouver	.....	....	....	....	....	....	6	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	4	....	....	....	....	....	2
Carlisle, J. H., Cloverdale	5	....	7	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	7	....	....	....	5
Chaplin, G., Salmon Arm	15	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	13	....	....	....	....	....	2
Clay, H. S., Eburne	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	10	....	....	....	....	....	.....
Clifton, L., Vancouver	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	9	....	....	....	....	....	.....
Cormier, S., Chilliwack	5	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	5	....	....	....	....	....	.....
Coupe, Dr. M. H., Victoria	10	....	....	....	....	....	20	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	10	....	....	....	....	....	20
Courser, C. F., Sidney	18	....	....	....	....	....	2	....	....	....	....	....	.....	....	....	....	....	....	4	....	....	....	....	....	14	....	....	....	....	....	2
Cox, H. W. W., Royal Oak, V.I.	.....	....	....	....	....	....	.....	....	....	....	....	....	14	....	....	....	....	....	.....	....	....	....	....	....	14	....	....	....	....	....	.....
Crickmay, A. E., Vancouver	18	....	....	....	....	....	62	....	....	....	....	....	.....	....	....	....	....	....	51	....	....	....	....	....	29	....	....	....	....	....	.....
Crosby, J. H., Lochdale P.O.	11	....	3	2	....	....	.....	....	5	....	....	....	.....	....	....	....	....	....	.....	....	5	....	....	....	11	....	3	2	....	....	.....
Crux, A. G. D., Vancouver	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	5	....	....	....	....	....	.....
Davey, Mrs. J. H., Victoria	.....	3	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	3	....	....	....	....	.....

Downing, T. W., Cloverdale	184	....	43	....	....	....	220	....	48	....	....	....	2	6	....	....	....	2	244	....	68	....	....	....	160	....	20	....	....	2	.....
Edmondson, H. E., Sardis	.....	....	....	....	....	....	5	....	....	....	....	....	12	....	....	....	....	....	.....	....	....	....	....	....	5	....	....	....	....	....	12
Elvins, T. S., Cedar P.O.	21	....	....	....	....	....	13	....	....	....	....	....	.....	....	....	....	....	....	16	....	....	....	....	....	18	....	....	....	....	....	.....
Esworthy, Jack, Vancouver	41	....	....	....	....	2	23	....	....	....	....	....	5	....	....	....	....	....	16	....	....	....	....	....	38	10	....	....	....	2	15
Ewing, W. W., Vancouver	10	....	24	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	9	....	2	....	....	....	23
Floyd, T. F., Seven Oaks, V.I.	.....	....	....	....	....	....	23	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	23
Freer, J. R., Victoria	6	....	....	....	....	....	15	....	....	....	....	....	2	....	....	....	....	....	.....	....	....	....	....	....	23	....	....	....	....	....	.....
Frith, Jas., Abbotsford	13	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	13	....	....	....	....	....	.....
Foster, Jas., Coombs, V.I.	.....	....	....	....	....	....	7	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	7	....	....	....	....	....	.....
Fulton, H. C., Summerland	6	....	....	....	....	....	11	....	....	....	....	....	.....	....	....	....	....	....	2	....	....	....	....	....	5	....	....	....	....	....	10
Galbraith, A., Mission City	3	....	....	....	....	....	10	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	8	....	....	....	....	....	5
Graham, W. C., Kamloops	.....	....	....	....	....	....	8	....	....	....	....	....	2	....	....	....	....	....	.....	....	....	....	....	....	8	....	....	....	....	....	2
Gray, Mrs. M. E., New Westminster	3	....	....	....	....	....	6	....	....	....	....	....	.....	....	....	....	....	....	2	....	....	....	....	....	4	....	....	....	....	....	3
Green, J. B., Duncan	131	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	88	....	....	....	....	....	6	....	....	....	....	....	37
Greenslade, F. G., Vancouver	12	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	4	....	....	....	....	....	7	....	....	....	....	....	1
Gunn, J. G., Vancouver	24	....	....	....	....	....	2	....	....	....	....	....	6	....	....	....	....	....	2	....	....	....	....	....	24	....	....	....	....	....	6
Haine, A. W., Clayburn	110	....	....	....	....	....	200	....	....	....	....	....	.....	....	....	....	....	....	140	....	....	....	....	....	125	....	....	....	....	....	45
Hall, Edward, Nanaimo	.....	....	....	....	....	....	4	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	2	....	....	....	....	....	2
Harrison, H. E., Cloverdale	11	....	....	....	....	....	7	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	7	....	....	....	....	....	11
Hart, Fred, Vancouver	.....	....	....	....	....	....	7	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	7
Hickey, R. E., White Rock	10	....	....	....	....	....	15	....	....	....	....	....	3	....	....	....	....	....	2	....	....	....	....	....	22	....	....	....	....	....	4
Hodgins, J. N., Qualicum Beach	50	....	....	....	....	....	35	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	52	....	....	....	....	....	33
Hooper, Mrs. H. M., Nicola	48	....	....	....	....	....	45	....	....	....	....	....	.....	....	....	....	....	....	16	....	....	....	....	....	77	....	....	....	....	....	.....
Hourd, Mrs. H. A., Strawberry Hill	2	....	....	....	....	....	1	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	3	....	....	....	....	....	.....
Johnson, L. J., Ladysmith	17	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	17	....	....	....	....	....	.....	....	....	....	....	....	.....
Kenuwell Game Farm, Vancouver	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	70	7	52	10	....	....	.....
Kingsland, Mrs. A., Pitt Meadows	5	....	....	....	....	....	70	....	....	....	....	....	1	....	....	....	....	....	10	....	....	....	....	....	8	....	....	....	....	....	58
Kinoshita, K., Hopington	.....	....	....	....	....	....	.....	....	....	....	....	....	2	....	....	....	....	....	.....	....	....	....	....	....	1	....	....	....	....	....	1
Kinsey, W. D., Quatsino	.....	....	....	....	....	....	7	....	....	....	....	....	2	....	....	....	....	....	.....	....	....	....	....	....	9	....	....	....	....	....	.....
Leavens, Mrs. E., Vedder Crossing	22	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	20	....	....	....	....	....	2
Lonon, A. W., Vancouver	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	5	....	....	....	....	....	.....
McEwen, Thos., Comox	23	....	....	....	....	....	.....	....	....	....	....	....	3	....	....	....	....	....	.....	....	....	....	....	....	26	....	....	....	....	....	.....
McFeely, E. C., Sardis	54	....	1	....	....	....	250	....	24	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	92	....	41	....	....	....	202
McIntosh, A. N., New Westminster	17	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	17	....	....	....	....	....	.....
MacIntosh, M. F., Ganges	18	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	14	....	....	....	....	....	4
MacMillan, J. D., White Rock	6	....	2	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	.....	....	....	....	....	....	6	....	....	4	....	....	.....
Martin, C. S., Burnaby	6	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	6	....	....	....	....	....	.....
Miles, H. A., Vancouver	3	....	....	....	....	....	3	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	6	....	....	....	....	....	.....
Morel, Mrs. L., Marblehead via Lardeau	8	....	....	....	....	....	15	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	10	....	....	....	....	....	13
Mundy, R., Matsqui	.....	....	....	....	....	....	18	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	18	....	....	....	....	....	.....
Mundy, S., Clayburn	40	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	4	....	....	....	....	....	19	....	....	....	....	....	17
Murray, J. A., Chilliwack	7	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	5	....	....	....	....	....	2
Nagasaka, K., New Westminster	.....	....	....	....	....	....	.....	....	....	....	....	....	2	....	....	....	....	....	.....	....	....	....	....	....	2	....	....	....	....	....	.....
Naylor, T., Nanaimo	5	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	3	....	....	....	....	....	2

GAME-BIRD FARM RETURNS, 1933—*Continued.*

Name and Address.	PARTICULARS.																																	
	Number and Kind of Birds on Hand as at Jan. 1st, 1933.						Number and Kind of Birds raised, 1933.						Number and Kind of Birds purchased, 1933.						Number and Kind of Birds sold, 1933.						Number and Kinds of Birds on Hand as at Dec. 31st, 1933.											
	Pheasants.	Quail.	Ducks.	Geese.	Grouse.	Partridges.	Pheasants.	Quail.	Ducks.	Geese.	Grouse.	Partridges.	Pheasants.	Quail.	Ducks.	Geese.	Grouse.	Partridges.	Pheasants.	Quail.	Ducks.	Geese.	Grouse.	Partridges.	Pheasants.	Quail.	Ducks.	Geese.	Grouse.	Partridges.	Killed, escaped, etc.				
Normoyle, W., Burnaby	.....	....	....	....	....	....	5	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	3	....	....	....	....	....	2				
Parker, W. H., Hollyburn	16	....	....	....	....	....	29	....	....	....	....	....	.....	....	....	....	....	....	2	....	....	....	....	....	32	....	....	....	....	....	11				
Perry, D. N., Vancouver	5	....	....	....	....	....	5	....	....	....	....	....	10	....	....	....	....	....	.....	....	....	....	....	....	5	....	....	....	....	....	15				
Petts, W. LeBlanc, Steveston	23	....	....	....	....	....	51	....	....	....	....	....	.....	....	....	....	....	....	43	....	....	....	....	....	28	....	....	....	....	....	3				
Pirie, J. S., New Westminster	2	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	2	....	....	....	....	....	.....				
Porter, J. H., Vancouver	2	....	....	....	....	....	9	....	....	....	....	....	4	....	....	....	....	....	.....	....	....	....	....	....	13	....	....	....	....	....	2				
Prowse, W. H., Duncan	5	....	....	....	....	....	18	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	18	....	....	....	....	....	5				
Rae, J. A., Vancouver	8	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	8	....	....	....	....	....	.....				
Rannie, G. H., Sardis	17	....	....	....	....	....	18	....	....	....	....	....	5	....	....	....	....	....	12	....	....	....	....	....	27	....	....	....	....	....	1				
Rathbun, L., Eburne	3	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	3	....	....	....	....	....	.....				
Raymer, H., Burnaby	.....	....	....	....	....	....	.....	....	....	....	....	....	2	....	....	....	....	....	.....	....	....	....	....	....	2	....	....	....	....	....	.....				
Rice, A. P., Crescent	2	....	....	....	....	....	20	....	....	....	....	....	7	....	....	....	....	....	11	....	....	....	....	....	18	....	....	....	....	....	.....				
Richards, G., Coghlan	.....	....	....	....	....	....	3	....	....	....	....	....	.....	....	....	....	....	....	1	....	....	....	....	....	2	....	....	....	....	....	.....				
Richards, Mrs. I., North Vancouver	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	3	....	....	....	....	....	.....				
Rogers, P. T., Vancouver	9	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	9	....	....	....	....	....	.....				
Rowatt, J. C., Prospect Lake	5	....	....	....	....	....	3	....	....	....	....	....	1	....	....	....	....	....	.....	....	....	....	....	....	8	....	....	....	....	....	1				
Ruckle, H. G., Beaver Point	4	....	....	....	....	....	19	....	....	....	....	....	.....	....	....	....	....	....	19	....	....	....	....	....	4	....	....	....	....	....	.....				
Sandland, Thos., Nanaimo	7	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	4	....	....	....	....	....	3				
Schumack, K., Lasqueti Island	11	....	....	....	....	....	13	....	....	....	....	....	.....	....	....	....	....	....	10	....	....	....	....	....	.....	....	....	....	....	....	14				
Sleeth, E., Eburne	37	....	....	....	....	....	10	....	....	....	....	....	.....	....	....	....	....	....	24	....	....	....	....	....	12	....	....	....	....	....	11				
Sleeth, Dr. T. E., Burnaby	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	4	....	....	....	....	....	.....				
Smith, Mrs. C. C., North Vancouver	11	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	11	....	....	....	....	....	.....				
Smith, Mrs. M. E., Comox	46	....	....	....	....	....	6	....	....	....	....	....	.....	....	....	....	....	....	21	....	....	....	....	....	6	....	....	....	....	....	25				
Smythe, H. E. R., Revelstoke	.....	....	....	....	....	....	30	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	30	....	....	....	....	....	.....				
Sowden, J., Surrey Centre	39	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	3	....	....	....	....	....	29	....	....	....	....	....	7				
Stroulger, Mrs. A. E., Duncan	18	....	....	....	....	....	17	....	....	....	....	....	.....	....	....	....	....	....	2	....	....	....	....	....	15	....	....	....	....	....	18				
Sutherland, A., North Vancouver	1	....	....	....	....	....	.....	....	....	....	....	....	14	....	....	....	....	....	2	....	....	....	....	....	6	....	....	....	....	....	7				
Sykes, Leslie, Milnes Landing	5	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	5				
Sylvester, J. P., Victoria	9	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	9	....	....	....	....	....	.....				
Thomas, J. W., Burnaby Lake	5	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	4	....	....	....	....	....	1				
Thorne, H. A., Brackendale	36	....	....	....	....	....	10	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	46	....	....	....	....	....	.....				

Turpin, F., Vancouver	.....	....	....	....	....	....	.....	....	....	....	....	....	4	....	....	....	....	....	.....	....	....	....	....	....	4	....	....	....	....	....	.....
Wiegand, Mrs. E., Vancouver	.....	....	....	....	....	....	11	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	11	....	....	....	....	....	.....
Yates, W. M., Victoria	18	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	18
Young, A., Nanaimo	7	....	....	....	....	....	17	....	....	....	....	....	.....	....	....	....	....	....	.....	....	....	....	....	....	11	....	....	....	....	....	13
Totals	1,396	3	92	2	....	2	1,540	4	88	....	....	....	117	6	....	....	....	2	784	....	74	....	....	....	1,640	24	143	16	1	4	752

NOTE.—Twelve permits were cancelled owing to holders thereof going out of business. Ten farmers submitted *Nil* returns. Three farmers had not submitted returns at time of preparation of this statement. J. N. Hodgins, Qualicum Beach, also has four black brant in captivity. 1,134 game-bird bands were sold during 1933, for which the sum of $113.40 was received.

STATEMENT OF MIGRATORY GAME BIRDS BANDED BY MEMBERS OF THE GAME DEPARTMENT AND RETURNS OF BIRDS KILLED DURING 1933.

Kind of Birds banded.	No. banded.
Mallard	2,502
Teal (green-wing)	521
Pintail	752
Baldpate (widgeon)	92
Wood-ducks	5
Coots	1
Shoveller	1
Heron	1
Total	3,875

Birds banded and killed, 1933.	No. killed.
Mallards	91
Baldpate (widgeon)	2
Teal (green-wing)	8
Pintail	12
Total	113

RETURNS FROM 1,451 HOLDERS OF TRAPPERS' LICENCES, SHOWING BIG GAME, FUR-BEARING ANIMALS, AND PREDATORY ANIMALS KILLED, SEASON 1932–33.

Big Game.

Deer	881	Mountain-goat	119
Moose	466	Wapiti (elk)	2
Mountain-sheep	10	Bear	387

Fur-bearing Animals.

Beaver	2,875	Otter	163
Fisher	1,039	Racoon	1,028
Fox	446	Skunk	41
Lynx	753	Weasel	20,827
Marten	1,901	Wildcat	89
Mink	2,602	Wolverine	94
Muskrats	33,267	Badger	9

Predatory Animals.

Cougar	80	Wolves	23
Coyotes	661		

FUR-FARM RETURNS, 1933 (STATEMENT NO. 1).

Kind of Animals.	Reared.	Died.	Died or killed.	Sold.	Total on Hand as at Dec. 31st, 1933.
Foxes	3,324	582	2,549	90	3,131
Marten	20	.....	23	2	96
Mink	3,788	.....	2,104	1,243	2,454
Muskrats	3,175	.....	465	54	10,785

Cancelled permits, 47; *Nil* returns, 20; no returns received from fur-farmers, 37.

Muskrat-farmers who were not able to advise of number of animals on respective farms, as follows: C. W. Albrecht, Quilchena; A. L. Bell, Redonda Island; B. C. Boyce, Kelowna; Blackwater Furs, Ltd., Vancouver; G. E. Edwards, Golden; E. Fabel, Jaffray; A. D. Hallett, Masset; U. S. Larkey, Fraser Lake; S. E. Manring, Mazama; E. Newbrand, Nakusp; H. Proctor, Granite Valley, Kettle Valley P.O.; W. P. Sheek, Castledale; H. W. Smale, Fort Fraser.

FUR-FARM RETURNS, 1933 (STATEMENT NO. 2).

Kind of Animals.	Reared.	Died or killed.	Sold.	Total on Hand as at Dec. 31st, 1933.
Beaver	54	9	6	517
Fisher	7	11	2	46
Lynx	....	1	....	1
Racoon	9	20	12	40

Cancelled permits, 16; *Nil* returns, 33; no returns received from fur-farmers, 10.

Beaver-farmers who were unable to advise of number of animals on respective farms, as follows: Blackwater Furs, Ltd., Vancouver; G. W. Edwards, Golden; S. E. Manring, Mazama.

PERSONNEL OF GAME DEPARTMENT AS AT DECEMBER 31ST, 1933.

Headquarters.

Attorney-General (Minister)	Gordon McG. Sloan, K.C.	Victoria.
Game Commissioner	A. Bryan Williams	Vancouver.
Inspector	F. R. Butler	Vancouver.
Clerk	R. P. Ponder	Vancouver.
Clerk	J. B. Smith	Vancouver.
Clerk	G. E. Marshall	Vancouver.
Stenographer	Miss T. Jones	Vancouver.
Stenographer	Miss L. Kelly	Vancouver.

Fish Cultural Branch.

Officer i/c Fish Culture	A. G. Bolton	Vancouver.
Fishery Officer	C. O. Mellor	Vancouver.
Fishery Officer	J. D. Inverarity	Vancouver.

"A" Division (Vancouver Island and Portion of Mainland Coast).

Sub-Inspector	J. W. Graham	Nanaimo.
Stenographer	Miss J. C. Thomson	Nanaimo.
Game Warden	R. Marshall	Duncan.
Game Warden	A. Monks	Alberni.
Game Warden	O. Mottishaw	Alert Bay.
Game Warden	S. H. McCall	Victoria.
Game Warden	F. H. Greenfield	Nanaimo.
Game Warden	B. Harvey	Courtenay.
Game Warden	F. P. Weir	Lake Cowichan.
Game Warden	B. Cash	Victoria.

"B" Division (Kootenay and Boundary Districts).

Sub-Inspector	C. F. Kearns	Nelson.
Stenographer	Miss G. M. Lowery	Nelson.
Game Warden	I. J. Brown	Golden.
Game Warden	W. J. Nixon	Invermere.
Game Warden	A. F. Sinclair	Canal Flats.
Game Warden	N. Cameron	Fernie.
Game Warden	M. J. Wilson	Revelstoke.
Game Warden	L. F. Washburn	Fernie.
Game Warden	M. B. Ewart	Penticton.
Game Warden	B. Rauch	Cranbrook.
Game Warden	J. W. Stewart	Greenwood.
Game Warden	W. H. Cartwright	Creston.

"C" Division (Kamloops, Yale, Okanagan, Cariboo, and Chilcotin Districts).

Sub-Inspector	R. M. Robertson	Kamloops.
Clerk	D. W. Rowlands	Kamloops.
Game Warden	D. Cameron	Salmon Arm.
Game Warden	W. R. Maxson	Kelowna.
Game Warden	F. E. Aiken	Williams Lake.
Game Warden	C. F. Still	Vernon.
Game Warden	N. L. Robinson	Lillooet.
Game Warden	W. O. Quesnel	Clinton.
Game Warden	L. Jobin	Nicola.
Game Warden	W. A. Broughton	Alexis Creek.
Game Warden	S. H. Jackson	Kamloops.
Game Warden	R. W. MacMartin	Kamloops.
Game Warden	J. P. C. Atwood	Quesnel.
Game Warden	F. D. Kibbee	Barkerville.

"D" Division (Atlin, Skeena, Omineca, Fort George, Peace River, and Yukon Boundary Districts).

Inspector	T. Van Dyk	Prince George.
Clerk	S. G. Copeland	Prince George.
Game Warden	C. D. Muirhead	Telkwa.
Game Warden	D. Romieu	Burns Lake.
Game Warden	E. Martin	Prince Rupert.
Stenographer	Miss H. Walker	Prince Rupert.
Game Warden	C. R. Goss	Ocean Falls.
Game Warden	J. S. Clark	Fort Nelson.
Game Warden (Special)	B. Villeneuve	Fort Nelson.
Game Warden	S. F. Faherty	Pouce Coupe.
Game Warden	G. M. Kerkhoff	Fort St. John.
Game Warden	V. L. Williams	Finlay Forks.
Game Warden	W. L. Forrester	Prince George.
Game Warden	P. Brown	Vanderhoof.

"E" Division (Vancouver, Coast, and Lower Fraser Valley Districts).

Inspector	J. G. Cunningham	Vancouver.
Game Warden	A. P. Cummins	Vancouver.
Game Warden	W. H. Cameron	Ladner.
Game Warden	T. D. Sutherland	Sechelt.
Game Warden	W. Clark	Vancouver.
Game Warden	R. E. Allan	Powell River.
Game Warden	L. H. Walker	Ganges.
Game Warden	G. C. Stevenson	Vancouver.
Game Warden	E. W. Baker	Vancouver.
Game Warden	G. Williams	Abbotsford.
Game Warden	J. A. Stuart	Mission.
Game Warden	H. C. Pyke	Cloverdale.
Game Warden	A. J. Butler	Chilliwack.
Game Warden	F. Urquhart	Port Coquitlam.

Elk Lake Game Farm.

Game Warden	J. W. Jones	Victoria.
Game Warden	E. Boorman	Victoria.
Game Warden	W. Mudge	Victoria.
Game Warden (Probationer)	F. S. Polson	Victoria.
Labourer	J. E. Smith	Victoria.

Predatory-animal Hunters and Special Game Wardens.

J. C. Smith.....Comox. C. Shuttleworth.....Penticton.

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