PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF ATTORNEY-GENERAL

REPORT

OF

PROVINCIAL GAME COMMISSION

FOR THE YEAR ENDED

DECEMBER 31ST, 1943

PRINTED BY
AUTHORITY OF THE LEGISLATIVE ASSEMBLY.

VICTORIA, B.C.:
Printed by CHARLES F. BANFIELD, Printer to the King's Most Excellent Majesty.
1945.

To His Honour W. C. WOODWARD,
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 Commission for the year ended December 31st, 1943.

R. L. MAITLAND,
Attorney-General.

Attorney-General's Department,
Victoria, B.C., 1945.

OFFICE OF THE GAME COMMISSION,
VANCOUVER, B.C., January 30th, 1945.

Honourable R. L. Maitland, K.C.,
Attorney-General, Victoria, B.C.

SIR,—We have the honour to submit herewith our Report for the year ended December 31st, 1943.

We have the honour to be,
Sir,
Your obedient servants,

FRANK R. BUTLER,
JAMES G. CUNNINGHAM,
Game Commissioners.

TABLE OF CONTENTS.

	PAGE.
Reports—	
Game Commission	7
Game Wardens, "A" Division	9
Officer Commanding " B " Division	13
Fishery Supervisor C. H. Robinson, " B " Division	16
Officer Commanding " C " Division	27
Fishery Supervisor C. H. Robinson, " C " Division	32
Officer Commanding " D " Division	37
Game Wardens, " E " Division	40
Statistical Reports—	
Comparative Statistical Statement of Revenue, etc., 1913–43, inclusive	43
Revenue—Sale of Resident Firearms Licences and Deer (Game) Tags	44
Revenue—Sale of Resident Anglers', Guides', Free Farmers', and Prospectors' Firearms Licences	45
Revenue—Sale of Non-resident Firearms and Anglers' and Outfitters' Licences	46
Revenue—Sale of Non-resident Ordinary Firearms and Anglers' Licences	47
Revenue—Sale of Fur-traders' and Taxidermists' Licences and Royalty on Fur	48
Comparative Statement of Revenue from Fur Trade, 1921–43, inclusive	49
Comparative Statement showing Pelts of Fur-bearing Animals on which Royalty has been collected, 1922–43, inclusive	50
Statement of Kind of Pelts of Fur-bearing Animals on which Royalty was collected during Year 1943	51
List of Confiscated Fur, 1943	52
List of Confiscated Firearms, 1943, and Revenue from Sale of Confiscated Fur and Firearms	52
Bounties paid, 1943	53
Comparative Statement of Bounties paid from 1922–43, inclusive	53
Revenue—Big-game Trophy Fees paid by Non-resident Hunters, 1943	54
Prosecutions, 1943	61
Hunting and Fishing Accidents, 1943	63
Statement—Trout Liberations, 1943	64
Statement—Returns from Holders of Special (Trapping) Firearms Licences, Season 1942–43	76
Statement—Returns of Fur-farmers, 1943	76
Statement of Vermin destroyed by Game Wardens, 1943	77
Statement of Game-bird Liberations, 1943	78
Statement—Returns of Game-bird Farmers, 1943, also showing Revenue from Sale of Bird-bands	79
List of Resident Guides and Non-resident Outfitters, 1943	80
Personnel of Game Department as at December 31st, 1943	82

REPORT *of the* PROVINCIAL GAME COMMISSION, 1943.

GENERAL SUPERVISION.

Notwithstanding existing war conditions and the various restrictions imposed as the result thereof, we have not found it necessary to make provision for any drastic change in the system of game administration in the Province.

We have continued where and whenever possible to bring before the general public the ever-increasing need of sane game and sport-fish protective measures being necessarily undertaken even during these strenuous times. Our game and fish films depicting the wild-life resources of British Columbia and the conservation measures put into force in order to ensure perpetual protection to all our wild life have been exhibited before numerous organizations such as schools, Game Associations, Boards of Trade, etc.

REGISTRATION OF TRAP-LINES.

The important and approved amendments to the regulations pertaining to the registration of trap-lines have been a great assistance to trappers in protecting their interests, and we are doing our utmost at all times towards improving conditions generally in connection with the conservation of the valuable fur-bearing animals of British Columbia.

As each year passes the fact is more forcibly brought home that our system of trap-line registration has done and is doing everything in assuring the necessary protection to fur-bearing animals and has been of great help to trappers in protecting their trap-lines and enabling them to farm the fur thereon.

REGISTRATION OF GUIDES.

In the near future we propose to submit definite recommendations under which the business of guiding game hunters and anglers will be placed on a sound footing. In a few years we feel that there will be a very definite increase in our non-resident hunters and fishermen and we firmly believe that now is the time to see that the provisions of the "Game Act" respecting guiding be strengthened not only in the interests of the hunter and fishermen but in the interests of guides as well.

FUR-FARMING.

Many fur-farmers have had to discontinue their operations as they have been unable, in a great many instances, to obtain necessary food-supplies, labour, and equipment to carry on their fur-farming operations. However, there are still a fairly large number of fur-farms in operation and these farmers appear to be making a financial success of their business.

After the war there would seem to be no doubt that the fur-farming industry will increase to a great extent.

BIRD-BANDING.

As in 1942, no bird-banding has been carried on this year by the Department.

PREDATORY-ANIMAL CONTROL.

We have again been in receipt of numerous requests for increased bounties on cougars, wolves, and coyotes, but in preference to payment of bounty we feel that

probably better control over predatory animals and noxious birds would be secured if moneys were provided for the employment of specially trained and properly equipped hunters who naturally would be kept under strict supervision.

Statement of bounty payments during the year and a comparative statement of bounties paid over a period of years are to be found in the statistical section of this report. Your attention is also drawn to the statement showing predatory animals and noxious birds destroyed by Game Wardens during 1943, which is also to be found in the section referred to.

PUBLICITY AND TOURIST TRADE.

An increase is to be noted in the number of non-resident big-game hunters who visited and hunted in the Province this year. The trophy fees paid by these hunters have, as a result, increased over the fees paid in 1942.

As in past years, we have continued to co-operate whole-heartedly with the Provincial Department of Trade and Industry in promoting the interests of the Province.

GAME PROPAGATION.

We have continued carrying out our policy of purchasing and liberating pheasants and other game birds, but as our finances would not permit the purchase of game birds on the scale of previous years the total number of birds purchased is, therefore, considerably lower.

Some one hundred European partridges were purchased from and through the kind co-operation of the Alberta Fish and Game Association. Fifty of these birds were liberated in the Nanaimo district, on Vancouver Island, and the remaining fifty birds were turned loose in a section of the Lower Mainland.

Our policy of trapping beaver on the Bowron Lake Game Reserve, near Barkerville, and planting them in other portions of the Province has been continued with good results. When funds are available an increased number of beaver should be trapped and liberated, as we feel this policy is warranted and most necessary.

Established game reserves have been regularly patrolled and there would seem to be no doubt that these reserved and protected areas act as feeders of game to the surrounding districts. It is felt that these reserves should be maintained.

MIGRATORY GAME BIRDS.

Throughout the Province migratory game birds of all kinds are increasing. The transplanting of beavers in various areas in the Province will undoubtedly increase our wild fowl by providing many more suitable nesting areas. In some portions of the Province, however, owing to climatic conditions encountered, the shooting or hunting of migratory game birds during the open season was only fair.

REVENUE.

As in 1942, a decrease is to be reported in our revenue. This decrease can be attributed solely to reduced fur royalty collections and amounted to $7,911.03.

GAME-FISH CULTURE.

We believe that the statement showing our game-fish liberations will indicate that our programme of restocking lakes and streams in the Province is being carried out as fully as possible. Some concern has been expressed by some that our hatchery-work is not proving as successful as it should, but we cannot agree with this contention and in this regard we would respectfully draw your attention to the very complete reports of Fishery Supervisor C. H. Robinson.

The coarse-fish problem in the Province we feel is a most serious one, and while steps have been taken to eliminate coarse fish in a number of lakes and streams no concerted effort in this regard can be made until after the war, when it is hoped more funds which are very necessary will be available for this purpose.

Pollution of a number of lakes and streams has also given us a good deal of concern, but generally we find that industrial and other interests have been only too willing to co-operate in preventing pollution.

ACKNOWLEDGMENTS.

Valuable assistance has been given us during the year by the British Columbia Police and the friendly relation between this Force, the Forest Branch, and the Department of Agriculture, as well as many other Government Departments, is, we assure you, very greatly appreciated.

The excellent spirit and friendly co-operation of the Washington State Game Department has been most helpful and the Director, Mr. B. T. McCauley, has always been quite willing to furnish us with any advice or assistance required.

In conclusion, we wish to express our most sincere appreciation to the Commissioner and Deputy Commissioner of the British Columbia Police, the officers and men of this Force; the Provincial Fisheries Department; the Honourable the Minister of Fisheries for the Dominion; the Chief Supervisor of Dominion Fisheries for the Province; Dr. W. A. Clemens, Dr. Ian McTaggart Cowan, and Dr. D. C. B. Duff, of the University of British Columbia; the Chief Federal Migratory Bird Officer for British Columbia; Game Associations, farmers, and many other organizations and residents of the Province who have so willingly helped us at all times during the year in our work of conserving for the benefit of the people of British Columbia our very valuable game and sport-fish resources.

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

Information obtained from reports of Game Wardens dealing with game conditions in "A" Game Division for the year ended December 31st, 1943.

GAME ANIMALS.

Bear.—The majority of reports would seem to indicate that black bear are on the increase and some Game Wardens, in view of the damage attributed to black bear in respect to private property and stock, even go so far as to recommend that black bear be classed as vermin.

Only black bear are to be found on Vancouver Island, but on the Mainland Coast, at the heads of various inlets, especially Knight Inlet, grizzly bear are to be found in fair numbers, and during the fall and spring months resident as well as non-resident hunters visit these inlets for the purpose of hunting this king of our wild animals.

Deer.—Coast or Columbian deer are increasing in most sections of the Division and in some portions thereof are still the source of complaint in connection with damage to private property and crops. In this regard, however, the provisions of the "Game Act" enable a property-owner or farmer to protect his land or stock against damage. In every instance of a complaint being received Game Wardens report they have immediately investigated and have done whatever they could to relieve any situation of this nature. During the past hunting season fair numbers of deer were shot in the Division.

Fallow deer which were liberated in a portion of the Alberni district and also on some of the Gulf Islands are not increasing.

Mountain-goat.—The Game Warden at Duncan advises that he has not personally observed or heard of the mountain-goat on the Shaw Creek Game Reserve (Lake Cowichan) for some considerable time. The logging operations within this reserve have been almost completed and probably after this logging has ceased a special patrol into the reserve will be the means of obtaining more authentic information on mountain-goat in this section of the Division.

On the Mainland Coast a slight increase has been observed. Mountain-goat have, however, not been hunted to any great extent during the past few years in any of the areas on the Coast where they are to be found.

Wapiti (Elk).—While wapiti or elk on Vancouver Island have been protected for a great many years they do not seem to be increasing in numbers to any appreciable extent. In the Courtenay area, however, due to army manœuvres, the wapiti have been driven down into the low-lying and farming country and, in consequence, have done some damage to private property and crops.

Fur-bearing Animals.

Undoubtedly the beaver can be given first ranking among the fur-bearing animals in the Division. Fairly numerous complaints of these animals doing damage to private property and public roads have been received, while on many registered trap-lines beaver have increased to such an extent that special permits have been issued to many responsible trappers to take off the surplus animals on their trap-lines. Where beaver have been the cause of damage, permits to trap them have been promptly granted.

Muskrats appear to be withstanding fairly heavy and consistent trapping. Complaints of these fur-bearers doing damage are not being received as frequently as in former years, although in some portions of the Division muskrats are reported as increasing.

Mink and racoon can be classed as being fairly plentiful. Racoon, owing to better market prices, were fairly heavily trapped during the trapping season. In the southern sections of Vancouver Island, racoon have been responsible for the destruction of game birds and domestic birds.

Marten have been trapped in greater numbers, especially in the Courtenay district. All other fur-bearing animals such as otter, squirrels, weasel, and wolverine are to be found throughout the Division.

Upland Game Birds.

Grouse (Blue).—Except in the Victoria and Alert Bay regions, blue grouse were in good numbers in the Division, especially in the Cowichan Lake, Courtenay, and Campbell River districts.

Grouse (Ruffed).—Only two districts, Cowichan and Alberni, report these birds as being in fair numbers. In all of the remainder of the Division reports indicate that great care must be exercised in not permitting lengthy shooting seasons if we are to fully protect this remarkable sporting game bird from possible extermination.

Pheasants.—Due to the areas close to the City of Victoria becoming more settled each year most of the suitable pheasant country is fast disappearing. In the Nanaimo, Alberni, and Courtenay districts pheasants do not appear to be very plentiful, even though in some years fairly heavy liberations have been undertaken.

As pheasants were the source of complaint from farmers and others in the Cowichan district, no new blood has been put down in this area and, consequently, the pheasants in this district are fast disappearing.

European Partridge.—Following release of a number of partridge in the Nanaimo district reports from that area indicate that these imported birds are becoming acclimatized and several large coveys have been observed. In the Victoria district,

however, partridge do not appear to be increasing, even though hunting in this area is not permitted at any time.

Quail.—California quail are to be found in what might be termed small numbers in the Alberni, Nanaimo, Cowichan, and Victoria districts, but nowhere can they be considered as being plentiful. Fairly heavy snows and severe winter weather during 1942–43 accounted for a considerable decrease in the stand of quail on Vancouver Island.

Ptarmigan.—In the high mountains of Vancouver Island a fair number of ptarmigan are to be found.

Migratory Game Birds.

No doubt it would be advisable under this heading to take the reports of each Game Warden individually, as conditions respecting migratory game birds vary so much in various portions of the Division.

Game Warden, Alert Bay.—Ducks have not been plentiful, but there has been a good showing of geese.

Game Warden, Courtenay.—There has been a fair migration of geese this year, but most of them passed through the district before the hunting season opened. A number of snow geese were observed, this being an uncommon occurrence in this district.

Duck-shooting was very poor as the birds migrated some three weeks before the season was opened and, as a result, very few local or resident hunters obtained good shooting.

Many swans were seen at various times migrating south. A number of these birds winter around Upper Campbell and Long Lakes. Last winter these lakes were frozen over and, as a result, many swans were killed through depredations by eagles.

Game Warden, Alberni.—Geese and ducks were to be found in fair numbers all along the west coast of Vancouver Island. Black brant have also been plentiful, but Wilson's or jack snipe have been scarce.

Game Warden, Nanaimo.—The open season on ducks has not been very good, probably due to the lack of water in the swamps that are to be found in this district. Very little shooting has taken place due to the shortage of ammunition. Swans still migrate through the district each fall, while black brant have been generally plentiful during the months of February, March, and April. In the latter part of February and at the conclusion of the hunting season, good bags of black brant were obtained.

Game Warden, Duncan.—Owing to the late opening of the hunting season in this district duck-shooting has been poor. Canada geese are to be observed in small numbers on Quamichan Lake, but many large flocks of geese were to be observed flying north or south during the course of migration. Swans were also seen during the migration period and especially was this the case in the Nitinat area. Black brant were to be observed during the winter months near Crofton, but very few of these birds were shot during the open hunting season. Wilson's or jack snipe seem to appear each year in about the same numbers and some good bags were taken during the open hunting season.

Game Warden, Victoria.—Ducks appeared in fair numbers but owing to shortage of ammunition shooting was greatly curtailed. Black brant appeared in good numbers during migration.

Vermin.

Reports indicate that in some sections of the Division cougar and wolves are increasing, due possibly to many residents who formerly hunted cougar with the use of trained dogs having enlisted in the armed forces. (Particulars of predators killed by Game Wardens during the year can be obtained from a statement to be found in the statistical section of this report.)

GAME-PROTECTION.

As in past years, patrols have been continually carried out by all Game Wardens in their respective districts. Particular attention has again been given to the matter of preventing the illegal practice of pit-lamping and many night patrols have been undertaken in an endeavour to stop this very objectionable method of hunting. As a result of these patrols Game Wardens advise that pit-lamping has been greatly reduced during the year.

GAME PROPAGATION.

Very few pheasants were released during the year but a number of European partridges were imported from Alberta and liberated in the Nanaimo district. These birds apparently have taken hold, as reports indicate that a number of large coveys have been seen during the year.

GAME RESERVES.

The two largest reserves on Vancouver Island are Strathcona Park and Forbidden Plateau (Courtenay district) and Shaw Creek (Lake Cowichan district). These reserves continue to act as feeders to the surrounding country. All game reserves and bird sanctuaries in the Division have been constantly patrolled and there would seem to be no doubt that these reserved areas are most important in the interest of the preservation of game of all kinds.

FUR TRADE.

Fair catches of fur-bearing animals have been reported during the year. While a few transient fur-traders purchase fur pelts on Vancouver Island the majority of trappers ship their fur direct to fur-traders in Vancouver.

FUR-FARMING.

Owing to existing war conditions, the number of fur-farms on Vancouver Island has considerably decreased, but some mink-farmers still in operation appear to be carrying on their farms successfully. There would seem to be every possibility of fur-farming becoming an important industry after the war.

REGISTRATION OF TRAP-LINES.

Registered trappers continue to take a great interest in the farming of the fur-bearing animals on their trap-lines and reports indicate that the system of trap-line registration is proving more beneficial each year.

REGISTRATION OF GUIDES.

Vancouver Island cannot be considered a big-game country and, as a result, there are no registered guides on the island, but one guide does operate on the Mainland Coast at Knight Inlet and makes it his business each spring and fall to take out hunters who are desirous of securing a grizzly-bear trophy.

SPECIAL PATROLS.

All Game Wardens remark that they have not taken any patrol that might be termed as a "special" patrol, but that they have continually and frequently patrolled every portion of their districts during the year.

HUNTING ACCIDENTS.

Two hunting accidents were reported as having taken place in the Division, one of which resulted in the death of a Mr. Geoffrey Oram who was shot while hunting in the Lake Cowichan district.

GAME-FISH CULTURE.

The Game Warden at Nanaimo advises that good results are being obtained through the release of trout in his district. Quamichan and Rogers Lakes, Cowichan district, stocked annually with trout, show every indication that these liberations have greatly improved fishing in these lakes. Shawnigan Lake, Victoria district, is a striking example of what can be done in making a poor fishing lake into a good one.

SUMMARY AND GENERAL GAME CONDITIONS.

Game Wardens in the Division report a fair season for the hunting of game and improved fishing, due to many lakes being built up through annual liberations of trout from the two departmental hatcheries on Vancouver Island.

Each Game Warden advises that every possible assistance has been given during the year by the British Columbia Police Force, the British Columbia Forest Branch, Game Associations, farmers, and sportsmen, and they all wish to express their sincere appreciation for this assistance and co-operation.

"B" DIVISION (KOOTENAY AND BOUNDARY DISTRICTS).

BY A. F. SINCLAIR, OFFICER COMMANDING.

I herewith beg to submit annual report of game conditions in "B" Division for the year ended 1943, as well as the report of Fishery Supervisor C. H. Robinson on game or sport-fish conditions.

BIG GAME.

Moose.—Still plentiful east of the Kootenay and Columbia Rivers from the International Boundary to the Canoe River. There are a good number of moose on the west side of the rivers mentioned, on the west side of the Moyie River, and with a few in the Creston district. A moose was also reported north-west of Penticton.

Wapiti (Elk).—A general increase is noted in the East Kootenay where wapiti are spreading all over the district. They are also reported to have increased on Summit Creek, west of Creston. Elk have scattered out over the Penticton detachment and there are a considerable number in the vicinity of Princeton. The kill was light this year owing to an open fall.

Mountain-sheep.—One variety only in the "B" Division, Rocky Mountain or bighorn. They inhabit the Rocky Mountains south of Golden to the International Boundary. Some sheep are to be found in the vicinity of Keremeos and Okanagan Falls, also in the Ashnola country. In these districts they are protected. In the East Kootenay hæmorrhagic septicæmia seems to have run itself out. This disease seems to have left the sheep rather scarce.

Caribou.—Are reported to be increasing about Revelstoke and in the country south of Nelson. There is a small number of caribou in the Big Bend area and from that point south through the Selkirks to the International Boundary.

Mountain-goat.—Very plentiful throughout the Division, except in the Boundary country, where they are reported to be increasing.

Mule-deer.—Fairly plentiful throughout the Division, but more plentiful in the Kettle River district.

White-tailed Deer.—These are well distributed over the Division, except the western part of the Boundary district. There was a light fall kill owing to the absence of snow.

Bear (Black, Brown, and Grizzly).—Black and brown bear are plentiful throughout the Division, where they cause considerable damage in the orchards. Grizzly are fairly numerous throughout the unsettled parts of the Division, where they are considered a top trophy by non-resident hunters.

Fur-bearing Animals.

I can only repeat my request of last year in regard to beaver, and that is that some regulation should be brought into effect which would allow the taking of beaver by permit and tag, in order that the Department might obtain control over the number of beaver taken annually.

In regard to muskrats we should have a fall season, as no one would try to winter-stock with the expectation of being able to take an increased number in the spring, especially if they were short of food in the spring. With no snow this year the rats are wandering around on top of the ice. Frozen out of their houses they are easy prey for owls and coyotes.

The remainder of the fur-bearers seem to be holding their own, except squirrels. There are various reports on these animals. Some of the Game Wardens claim a shortage due to trapping and others claim an increase.

Upland Game Birds.

Blue Grouse.—These birds are fairly plentiful throughout the Division. They live high up and are about holding their own.

Ruffed (Willow) Grouse.—From various reports received it would appear that ruffed grouse are on the increase in the Division, due perhaps to fewer hunters being out during the past season.

Franklin Grouse.—These appear fairly plentiful in the higher parts of the Kootenays, where they are not hunted so heavily.

Sharp-tailed Grouse.—A few coveys of these birds can be seen in the Kootenay-Boundary districts. They are reported to be increasing in the Lower Okanagan and along the Kootenay River.

Ptarmigan.—Reported from various high parts of the Division.

Pheasants.—The winter of 1942–43 was a hard winter on these birds and there was a decided decrease this past season in the Similkameen, Lower Okanagan, Grand Forks, and Creston areas. There are a few birds at Waldo, Robson, and Nakusp.

Partridge.—There are some partridge in the Lower Okanagan, Grand Forks, and Creston districts, but they show very little increase.

Quail (California).—These birds do not stand cold weather and the winter of 1942–43 was very hard on them, but I have better hopes for these birds this year. Quail are to be found in the Similkameen, Lower Okanagan, and Grand Forks areas.

Migratory Birds.

Ducks.—Shooting was not so heavy as usual, due to shortage of ammunition. This resulted in a slight increase in the number of ducks.

Geese.—There is noted an increase in geese along the Upper Columbia Valley and they are numerous at, or near, Creston.

Willow Snipe.—As usual, there is very little increase in these birds.

Coots.—These are too numerous and no one shoots them. They do considerable damage to small fish and may eat duck-food.

Vermin.

The following vermin were destroyed by the Game Wardens and myself in this Division: 3 bobcats, 116 cats, 112 coyotes, 26 dogs, 104 hawks, 90 magpies, 54 owls, 1 skunk, 8 black bear, 7 cougar, 149 crows, 11 eagles, 8 kingfishers, 106 magpie eggs, and 3 ravens.

Coyotes.—Are still on the increase, but the price of fur is high and many people have been hunting them.

Cougar.—Still far too plentiful and lack of snow has hindered hunting, and this has been very much in their favour.

Timber-wolves.—Appeared in the East Kootenay and in the Princeton districts and are apparently old dogs driven from the north, but they are still able to kill elk and deer.

GAME-PROTECTION.

There were forty-four prosecutions with thirty-nine convictions and five dismissals under the "Game Act." Thirty-five convictions were obtained under the Special Fishery Regulations.

GAME PROPAGATION.

The Kimberley Rod and Gun Club liberated a number of pheasants on the St. Mary Prairie.

Considerable feeding was done during the winter at Creston, Penticton, and Grand Forks.

GAME RESERVES.

The Elk River Game Reserve, situated on the White, Bull, and Elk Rivers, is a most important game reserve as it is situated in the heart of the big-game country.

Game-bird sanctuaries adjacent to Nelson and Vaseaux Lake, south of Penticton, are proving to be very beneficial.

Deer sanctuaries exist in the Kettle River and Elko districts. They are on winter yarding-grounds of mule-deer and serve to protect the deer if we have a heavy fall of snow before the hunting season ends.

FUR TRADE.

We have very few fur-traders in this Division, and practically all of the fur goes to Vancouver.

FUR-FARMING.

There is no easy money in raising fur. Feed is so expensive and it is very hard to make very much out of the business. There are a few, however, who appear to make a go of it by raising No. 1 animals, selling breeding stock, and pelting at the proper time.

REGISTRATION OF TRAP-LINES.

The registration of trap-lines was one of the most important steps taken for the protection of fur in the Province, also for the protection of the trapper.

There are a few points in regard to who should hold a trap-line I should like to mention. No person should be allowed to farm a line out to another. This applies to women as well as to men. I have yet to see any of these transient or part-time trappers who consider any one but themselves and think only of how much they can get from trapping. This is not fur conservation and the result is a depleted trap-line.

REGISTRATION OF GUIDES.

There are thirty-four registered guides in this Division.

Business was fair with a promise of greater patronage of American hunters after the war. We should prepare for this by overhauling our guides regulations as they are in need of adjustment due to present conditions.

SPECIAL PATROLS.

Fourteen special patrols were undertaken by Game Wardens in "B" Division during the year.

Hunting Accidents.

Ralph Nixon, aged 22 years, upset a canoe in Sunburst Lake, Mount Assinaboine Provincial Park, on October 6th, 1943, while on a hunting-trip with the Governor-General of Canada and was drowned. The body has not been recovered.

William Van Tassel, Rossland, B.C., reported in hospital last year for injuries received December 13th, 1942, has now fully recovered.

Game-fish Culture.

During the year 1943, the Game Wardens gave the usual assistance to the Fishery Officers.

C. H. Robinson, Fishery Supervisor, is directly in charge of game-fish culture in "B" Division and has submitted the usual report.

Summary and General Remarks.

The year 1943 was fair for game, and the climate was not too wet nor too dry, with no excessive heat and very few fires.

Fur prices were rather high but a great many of the trappers were engaged in other work.

Due to high prices being paid for coyotes and the excessive number of them around there was a very large take reported.

I again wish to express the thanks of myself and the entire personnel of "B" Division to the Provincial Forestry Branch and the Public Works Department, both for direct assistance and the loan of equipment. Also to "B" Division Provincial Police for their splendid co-operation throughout the year.

We have also received a great deal of assistance from the individual sportsmen and the Rod and Gun Clubs throughout the Division, which assistance was very much appreciated.

Report of C. H. Robinson, Fishery Supervisor, covering Game-fish Conditions in "B" Game Division.

I herewith beg to submit a report covering game-fish culture and general fishery conditions in "B" Division, including some information kindly supplied by the Game Wardens in their patrol districts.

Generally, throughout the Interior, the late and cold spring affected trout-fishing, due probably in some respects to the scarcity of surface feed, but as the season advanced there was a decided improvement, with average catches from most waters.

Game-fish culture operations and distributions therefrom received the usual careful consideration from the Game Commission, preference being given to the most important and accessible waters, in view of curtailed angling in lakes of higher altitudes and the necessity of conserving rubber and gas.

During the year, with the splendid co-operation from the organized sportsmen and interested co-operators, additional progress was made towards game-fish culture in rearing-ponds constructed and others under review.

The improvements to the Nelson Hatchery set-up and water-supply system as undertaken by the Game Commission should, when finished, prove invaluable in the propagation of trout for waters in the East and West Kootenay, Boundary, and Okanagan districts.

The operation of rearing-ponds and summary report in connection with hatchery operations is referred to later in this report.

Similkameen and South Okanagan Waters.

The series of lakes and streams situated in the Princeton area produced the average catches of Kamloops (rainbow) trout, the supply of which is chiefly maintained from

yearly distributions. However, the chain of lakes on Allison (One Mile) Creek failed to produce many trout in spite of yearly replenishment.

Apparently the Kamloops trout reaching maturity in Hornet and Deadman Lakes took advantage of the spawning areas in the inlet creek prepared by the organized sportsmen of Princeton, which resulted in fair natural production.

A number of Eastern brook-trout (which were introduced some twenty years ago) were observed spawning in One Mile Creek. It has been suggested that this species of trout be substituted for Kamloops trout in lakes of the One Mile Creek system, but this should first be a matter for careful investigation.

Clearwater Lake, Hedley, yielded fairly good catches of rainbow trout, considering existing conditions. For experimental purposes 25,000 Kokanee eyed eggs were planted during the fall, primarily as a forage-fish and in an effort to increase the productivity of the lake. Again during the season the organized sportsmen of the Nickel Plate Mine financed and assumed the responsibility of affording protection to the spawning trout that inhabit the said lake.

Cathedral Lakes, situated in the Ashnola watershed, were not fished to any extent; therefore it appeared advisable to defer future planting of rainbow trout, subject to natural reproduction and the out-take.

From a sport-fishing standpoint the proposed reduction of the size-limit of trout from 8 to 6 inches in certain streams of the Similkameen watershed is being investigated to determine the practicability of permitting the capture of 6-inch trout and the resultant reaction that might occur from the proposed change.

Twin Lakes and Keremeos Creek.—The Eastern brook-trout introduced has provided good fishing. So far Lush Lake has yielded but few speckled trout, although conditions appear suitable for the species.

Osoyoos and Vaseaux Lakes.—These somewhat warm-water lakes produced fair catches of large-mouth black bass. It was reported that trout-fishing in the first-named lake was poor during the spring and fall, in spite of fry liberations.

Bear and Madden Lakes.—The Kamloops trout introduced in the first-named lake are thriving, varying up to 6 lb. in weight; the latter lake, of small acreage, produced but few trout.

Skaha (Dog) Lake.—Reports varied somewhat regarding general fishing conditions and catches of Kamloops trout taken during the spring and fall months; apparently there was a slight improvement, and it is hoped that with increased plantings of fry and fingerlings fishing will improve in this well-located lake.

Okanagan Lake (South End).—Again the spring fishing for Kamloops trout was very good, there being limit catches, mostly varying in weight from 1 lb. upwards. This would indicate that fry and fingerlings liberated had survived, as natural spawning areas are now very restricted. In order to maintain and assist with the food-supply for the large trout, kokanee eyed eggs were planted in selected creeks with excellent results, as indicated by the return of the matured fish to spawn.

Situated throughout the Penticton and Summerland areas there are numerous small lakes, most of which, from reports received, yielded good catches of trout, including Chute Lake, where the condition of the trout has gradually improved since regulated liberations of fry have taken place.

Boundary District Waters.

Kettle River and West Fork.—These streams continued to produce good catches of rainbow trout, varying in weight to 4 lb., as a result of extra protection and systematic planting of the eyed eggs in nursery waters. Water conditions were not so favourable during the early fall, but regulations in force gave the fish necessary protection.

Conkle (Fish) Lake.—Very favourable reports were received regarding the catches of rainbow trout and their improved size and weight; probably the extra protection

afforded until June 1st each year is of benefit. The several lakes situated in the Kettle River watershed furnish good fly- and bait-fishing.

Jewel Lake.—This lake provided fair fishing for Kamloops trout, most of which varied in weight from 1 to 5 lb., being quite a contrast to several years ago when 30-pounders were quite common.

To conserve and prevent the outward migration of spawning trout, the outlet of Jewel Lake was screened off by installing a permanent lumber panel fence, 5 by 32 feet, spaced at ½-inch intervals. The set-up proved to be very effective. It was financed by the organized sportsmen of Greenwood and Grand Forks.

Wilgress (Loon) Lake.—This small, productive, mud-bottom lake provided fair trolling for Kamloops trout, although the low-water conditions affected the fishing somewhat. In order to improve the conditions and assist the parent trout in natural spawning, a gravel-bed was created to accommodate the fish, which will be completed when the water-levels of the lake will permit.

Granby River and Smelter Lake.—In comparison to the season 1942 the fly-fishing for rainbow trout was not quite so good; apparently small trout are plentiful, indicating fair results from eyed-egg plantings and natural spawning. The section of the Kettle River flowing between Carson and Billings produced good catches of rainbow trout.

Christina Lake.—One of the most popular summer resorts in the Interior, this lake provided fairly good fishing for Kamloops trout during the spring and fall, possibly the results of increased eyed-egg plantings. Angling for small-mouthed black bass remained fairly good, although probably they are not so plentiful since less protection is afforded.

The kokanee continued to fill in when the trout are not biting so freely. Due to the late spawning of the kokanee, towards the latter part of November, the catch was restricted to 10,956 kokanee (5,074 lb.) for commercial use.

West Kootenay Waters.

Big Sheep and Beaver Creek.—The supply of Eastern brook-trout has been fairly well maintained from yearly fry liberations and natural spawning in spite of extensive angling.

Champion Lakes.—The small allotments of Kamloops trout fingerlings liberated yearly since 1939 has provided fairly good fishing for the Trail anglers. The creel census proposed and started again this year failed to produce the desired data.

Columbia River.—That portion flowing between Castlegar and Waneta. Apparently the rainbow trout fishing was not quite so good as during the season of 1942. The organized sportsmen of Trail are somewhat concerned over the increasing numbers of coarse fish, possibly the result of the Coulee Dam construction.

Lower Arrow Lakes.—Some very good specimens of Kamloops trout were taken, varying in weight up to 24 lb., in the vicinity of Broadwater. While there has been an improvement in the numbers of trout caught, because of the increased number of anglers in that region it may be necessary to increase the plantings to offset a depletion in future years.

Whatshan Lakes.—Gratifying reports were received regarding the fly-fishing and trolling for rainbow trout, but it is doubtful under normal conditions whether the supply can be maintained unless the numbers of trout in possession are restricted. A number of whitefish were taken from the lakes, which are covered under the subject of coarse fish later in this report.

Summit, Victor, Three Valley, and Griffin Lakes.—These lakes, west of Revelstoke, received another experimental planting of 190,000 cut-throat trout eyed eggs to determine their suitability in place of Kamloops trout.

Apparently the Kamloops trout fishing improved in Three Valley Lake, probably the result of fingerlings liberated. It was also reported that the Kamloops trout are doing fairly well in the Illecillewaet River from small experimental plantings. This is of interest considering extreme glacial conditions throughout the summer. Begbie and Beaver Lakes provided good rainbow trout fishing.

Trout Lake, Lardeau.—In comparison to season 1942, encouraging reports were received of improved fishing for Kamloops trout, there being fair catches throughout the season, varying in weight up to 18 lb. However, subject to the collection of eggs at Gerrard and natural spawning, due consideration will be given to replenishment, in view of the fact that this lake is well patronized by Revelstoke and Okanagan anglers, and also non-resident anglers from the United States.

Wilson Lakes.—Near Nakusp. The rainbow trout supply was fairly well maintained from natural spawning and eyed eggs planted, resulting in a fairly good fly-fishing and trolling season. The upper lakes can be reached by auto, hence extensive fishing. The kokanee introduced are providing food for the trout—from stomach tracts examined.

Bear and Fish Lakes.—These two small alpine lakes produced the usual good catches of rainbow trout, mostly for the employees at the Zincton Mines, Limited. The suggested use of fertilizers to increase the productivity in Bear Lake, if feasible, to be financed by the interested anglers, was duly investigated and found to be too expensive for effective results.

Slocan Lake.—Quite important and accessible. Continued to produce fairly good catches of Kamloops trout by fly-fishing and trolling throughout the season. Increased plantings of eyed eggs, fry, and fingerlings have increased the trout population. Natural spawning is much restricted in tributary streams. No doubt the pollution of Carpenter Creek affected the food-supply of trout.

Evans, Cahill, and Beatrice Lakes.—With restricted travel, this chain of lakes, not being very accessible, was not fished to any great extent. Consequently, eyed-egg plantings have been deferred since 1940, in view of natural reproduction and the decreasing food-supply to sustain the Kamloops trout.

Slocan River.—Flowing more or less parallel to the Slocan Highway, provided fairly good fishing for rainbow trout. With ideal spawning areas and fry plantings yearly, this stream should produce more trout, although the coarse fish probably take a toll of the young trout.

Kootenay River.—Flowing between Grohman Creek and the Columbia River (except the portion closed for war-time precautionary measures), provided fair fishing for rainbow trout. Water-storage in the Kootenay Lake and dam-construction has changed water conditions entirely. The increased trout population in the closed portion was investigated and the suggested transfer of surplus fish was not feasible.

Rosebud Lake.—Produced the usual good catches of cut-throat and some rainbow trout, mostly for non-resident anglers. Again a joint operation was carried out in protecting the spawning trout and the collection of 263,705 cut-throat trout eggs for incubation in the Nelson Hatchery. The collection of eggs was considerably reduced resulting from the trap being raided, which may also affect the collection this coming season.

Boundary Lake, Nelway.—Situated close to the International Boundary, provided fairly good catches of Eastern brook-trout from yearly plantings of fry. As conditions do not permit natural spawning, 450,000 eggs were collected for incubation in the Nelson Hatchery.

Salmon River and its Tributaries.—Since the pollution from mining industries has been considerably reduced, attention now is being given to restoring the trout population where feasible. The several small alpine lakes situated at high altitudes were not

fished very much, except Six-mile and Cottonwood Lakes, which produce good fishing, mostly for the juvenile anglers.

West Arm of Kootenay Lake.—As usual, was fished extensively, with fair catches of Kamloops (rainbow) trout and some kokanee (silver) trout. The liberations of trout fingerlings from the Nelson Hatchery rearing-ponds should assist materially towards increasing the supply. Also the reduction of numbers of coarse fish by juvenile anglers will be of benefit. The creel census sponsored by the organized sportsmen failed to produce authentic data as to numbers of trout caught.

Kokanee, Keen, Garland, Kaslo, and Tanal Lakes.—Quite important alpine waters, situated in the Kokanee Glacier Park, were not patronized very much; therefore, the catches of cut-throat trout were governed accordingly.

Sunset Lake, Woodberry Creek.—Provided good catches of cut-throat trout.

Kootenay Lake.—Seasonal conditions may have affected and reduced the catches of Kamloops trout in the vicinity of Procter, Queen's Bay, and Ainsworth, but in the vicinity of Kaslo and towards the south end of the lake catches were up to average, including a number of marked trout taken on the fly varying in weight to 5 lb., resulting from 1941 fingerlings liberated from the Kaslo rearing-ponds.

The Nelson Gyro Club conducted their fourth Kootenay Lake Trout Derby from May 1st to November 16th. The event, considering restricted travel, was a success and afforded some keen competition among the resident and non-resident anglers. Some 253 Kamloops trout weighing 5 lb. and over were recorded, weighing a total of 2,723 lb. 3 oz., with a 19-lb. 3-oz. one taking the first prize, compared with the 1942 competition when 345 trout were registered weighing 4,082 lb. 15 oz., with a 24-lb. 14-oz. trout winning the first prize.

Gerrard Hatchery.—Seasonal operations: Due to the extraordinary late spring and water conditions in the Lardeau River, the collection of Kamloops trout eggs amounted to 502,000 compared to 1,005,000 eggs for the 1942 season. While the run of parent fish from Kootenay Lake was well up to the average, existing water conditions did not induce them to reach the spawning areas at Gerrard as in previous years.

Large-mouth Black Bass.—These non-native fish did not circulate so freely in the Kootenay Lake during the season, but preferred to stay at the south end of the lake and in waters of the Creston area, where good numbers are caught.

Goat River (below the Canyon).—Produced fair catches of rainbow (steelhead) trout which work up from Kootenay River. Cut-throat trout fishing was good above the canyon and to the upper reaches, possibly the results of yearly eyed-egg plantings. Meadow Creek, a tributary, yielded good catches of Eastern brook-trout, conditions being ideal for that species.

East Kootenay Waters.

Moyie River and Lakes.—Average catches of Kamloops and cut-throat trout were taken by fly and trolling. The Upper Moyie Lake produced fairly good catches of Kamloops trout, varying in size and weighing up to 14 lb. It is possible, with fingerling liberations and the introduction of kokanee, that the size and catches of Kamloops will improve.

Monroe and Mineral Lakes.—Accessible to auto travel; provided fair fly-fishing and trolling and are a valuable asset to the local anglers. It is necessary to restock these lakes annually.

Smith Lake.—It is quite possible that the Kamloops trout were not so plentiful, due to a number of spawners passing out of the lake down the outlet creek where they became stranded. However, the trolling was fair. Also, fly-fishing provided good sport for Kamloops trout, varying in weight to 14 lb.

Fish Lakes.—The usual fish cultural operations were carried out resulting in the collection of 1,511,750 cut-throat trout eggs for incubation in the Cranbrook Hatchery in comparison to 1,890,000 eggs handled in the 1942 season.

New Lake.—Suffered a rather severe set-back when the winter kill took a heavy toll of Kamloops trout. A similar loss occurred in the season 1936–37. In an effort to restore the trout population, 5,000 Kamloops trout fingerlings were liberated therein.

Premier Lake.—This important lake from a recreational and fishing standpoint, mostly for the Kimberley residents, yielded good catches of rainbow trout. The condition of the trout taken, mostly less than 5 lb., would indicate that the food-supply is not so plentiful. There were fair numbers of kokanee observed spawning in Diorite Creek and some in the south inlet creek. The fish varied from 1 to 1½ lb.

St. Mary Lake and Tributaries.—Some favourable reports were received regarding improved fly-fishing for cut-throat trout in St. Mary River. The lake and tributaries produced average catches of cut-throat trout varying in weight up to 2 lb. These waters are conveniently located and well patronized by the Kimberley anglers.

Skookumchuck River.—The cut-throat trout population in the river below the falls is regulated by migration to and from Kootenay River. This stream in the past has produced good catches of trout, hence the need for liberal egg plantings which are being undertaken.

Bull River and Tributaries.—Above the falls continued to provide excellent fly-fishing for cut-throat trout up to 2 lb. in weight. The bountiful supply has been maintained from natural reproduction. The stretch of the river below the falls to the dam is now restocked yearly.

The series of small lakes situated in the Cranbrook district produced the average catches of Kamloops and cut-throat trout, the supply of which is principally maintained by artificial propagation.

Tie Lake, Jaffray.—This lake was referred to in the 1941 report as to the uncertain results of Kamloops trout fry and fingerlings liberated up to the year 1940. During the season a number of trout were taken on the troll between 3½ to 5½ lb. in weight, indicating that some of the fish planted survived.

Surveyors Lake.—The presence of large minnows (shiners) made it doubtful as to the survival of Kamloops trout fry planted. However, during the month of July several trout were taken on the troll up to 8½ lb. in weight.

McBain's Lake, Silver Springs (Rosen), Mainstee, and Loon Lakes.—Provided the usual fair catches of Kamloops trout, varying up to 12 lb. in weight. It was an off-year for North Star Lake.

Edwards Lake.—Situated partly on the Indian Reservation, continued to supply good catches of Kamloops trout, mostly less than 5 lb. in weight.

Elk River and Tributaries.—The cut-throat trout fishing improved in the river south of Fernie. Also, according to water conditions, the upper reaches of the river and tributaries provided good fishing. Towards 500,000 cut-throat trout eyed eggs were again planted in nursery waters for the Elk River watershed.

Summit Lake, Crow's Nest.—As a result of the winter kill, 1941–42, few cut-throat and Kamloops trout were taken during the season. However, there was no loss in the winter of 1942–43. The two experimental plantings of fry in 1942–43 are being closely studied, the result of which will govern future plantings.

Grave Lake.—Provided fair fly-fishing and trolling for Kamloops trout planted yearly. This lake is quite important for the Michel-Natal anglers, who are desirous of introducing the kokanee for experimental purposes. The matter will receive attention before the collections of kokanee eggs take place next fall.

Deer Lake.—Apparently the plantings of Kamloops trout eyed eggs in one of the inlet creeks, commencing 1943, has proven successful, resulting in good catches of trout from the lake up to 2½ lb. in weight and in splendid condition. Some steps will be taken to increase gravel areas for egg plantings to ensure effective results.

Columbia Lake.—Failed to attract many fishermen, due possibly to limited accommodation and few boats available. At times the lake is affected with sudden changes from wind-storms, at which time few people will venture out.

Windermere Lake.—Continued to provide fair trolling for Kamloops trout, varying in weight up to 5 lb. Naturally the fishing is best in the spring and early fall, as during the summer the water conditions are adverse to good fishing. Coarse fish remain very plentiful in the lake.

Lillian Lake.—Conveniently situated, produced fair fly-fishing and trolling, mostly for Kamloops trout up to 5 lb. in weight. In view of the suspected migration of the spawning fish into Toby Creek that cannot return, a screen panel fence will be installed at the outlet, with possibility of creating spawning areas this coming spring.

Paddy Ryan Lakes.—Conveniently situated, provided the usual good fly-fishing for cut-throat trout up to 2 lb. in weight, mostly from yearly fry plantings.

Dunbar, Twin, and Bott (Fish) Lakes.—This chain of lakes provided the average catches of cut-throat, although the trout are somewhat temperamental in their habits in the first-named lake. They do, subject to seasonal conditions, provide excellent fly-fishing for trout up to 3 lb.

There are a series of small lakes in the Fish Lake region wherein the cut-throat trout fishing was up to average, considering all existing water conditions.

Baptiste Lake.—Apparently there was no improvement in the catches of cut-throat trout from this small lake which is used for water storage. The sluggish water conditions are not entirely suited for the species mentioned.

Blackwater Lakes.—Located adjacent to the Trans-Canada Highway, provided good fly-fishing for the somewhat small rainbow trout. With some natural reproduction and yearly fry liberations the supply has been maintained considering the out-take and available food-supply.

Bush Lakes.—Continued to produce fair catches of Kamloops trout, probably the result of planting eyed eggs and fry liberations.

Wiseman Lake, Donald.—Although small, is producing good catches of Kamloops trout introduced in 1938–40. The changing of a water-flow in a small creek adjacent has resulted in some natural reproduction, possibly sufficient to take care of the supply.

Cedar Lakes.—No. 1 and No. 3: The Kamloops trout fishing remained fair, mostly from fry liberations. Coarse fish introduced in the No. 1 from live-bait fishing has seriously affected the food-supply for the trout.

Sport-fishing is somewhat restricted in streams of the Golden area due to extreme glacial silt conditions during the summer and anchor-ice in the winter with resultant scouring by ice-jams.

Summary of hatchery operations and rearing-ponds, and the distribution therefrom, is covered elsewhere in the report to the Game Commission.

Cranbrook Hatchery.—Seasonal operations for the benefit of East Kootenay waters in conjunction with the Cranbrook Rod and Gun Club, which club is subsidized by the Game Commission: Cut-throat trout eggs collected from Fish Lakes were 1,511,759; Kamloops trout eyed eggs received from Gerrard Hatchery, 115,000; Lloyd Creek Hatchery, 200,000; Penask Lake Hatchery, 400,000.

Gerrard Hatchery.—Seasonal operations for the Kootenay Lake, etc.: Kamloops trout eggs collected, Lardeau River, Gerrard, 502,000.

Kaslo Hatchery.—Yearly operations for the rearing-ponds, etc.: Received from Gerrard Hatchery, 248,400 Kamloops trout eyed eggs for Bjerkness and Kaslo rearing-ponds. Received from Meadow Creek operations, 2,260,000 kokanee green eggs. Supplied to the Idaho State Fish and Game Department, 2,000,000 eyed kokanee eggs.

Nelson Hatchery.—Yearly operations for the benefit of the East and West Kootenay and Boundary Districts and Okanagan waters: Cut-throat trout eggs collected at

Rosebud Lake, 263,705. Eastern brook-trout eggs collected at Boundary Lake, 450,000, and 232,000 fry distributed carried over from eggs collected in the fall of 1942. Kamloops trout eyed eggs received from Gerrard Hatchery, 50,000; Lloyd Creek Hatchery, 350,000; Penask Lake Hatchery, 1,100,000. Kokanee green eggs received from Meadow Creek collecting station, 1,616,000.

Summerland Hatchery.—Seasonal operations for waters of South Okanagan and Similkameen Districts: Kamloops trout eyed eggs received from Beaver Creek Hatchery, 583,00. In addition, 105,000 eyed eggs and fry were planted direct from Penask Lake for some waters of the Princeton area. Also received from Lloyd Creek Hatchery, 100,000; Penask Lake Hatchery, 200,000 Kamloops eggs. Meadow Creek-Lardeau, seasonal operations for the collection of kokanee eggs, 1943 collection, 3,876,000.

Rearing-ponds.—Taft rearing-ponds are not operated, but in place thereof cutthroat and Kamloops trout eyed eggs were planted under similar arrangement as during the season of 1942. With the probability of fish cultural operations being discontinued at Taft, there is a possibility of same being carried on in Revelstoke by the Rod and Gun Club in co-operation with the Game Commission.

Summerland Rearing-ponds.—Were not operated, owing to the difficulty and expense of obtaining suitable food for the young trout.

Nelson Hatchery Rearing-ponds.—The resultant Kamloops trout fingerlings raised from 30,000 eyed eggs, 10,000 advanced fry, and 5,000 small fingerlings, all Gerrard stock carried over from 1942, were released during the month of June into the West Arm of Kootenay Lake, except 1,000 for Champion Lakes, which amounted to 15,100 from 2 to 6 inches in length with an estimated escapage from the ponds during the retainment of 5,922 fry and fingerlings into Cottonwood Creek flowing into the West Arm. To determine the possible migration of the trout to the main lake 1,000 were marked by removal of the adipose and left ventral fins.

Following on 18,000 fry were released in the No. 1 circular pond, 36,000 fry in No. 2 pond (Lloyd Creek stock), and 48,061 fry in No. 5 pond (Gerrard stock). Estimated number of fingerlings as recorded remaining in the ponds as at December 31st, 1943, 80,926 fingerlings.

During the year two new ponds were constructed of approximate dimensions 13 by 30 by 3 by 6 feet, under similar arrangements as the two previously constructed in 1942; namely, through the co-operation of the City of Nelson cement and gravel, also the equipment, were supplied. The Nelson Rod and Gun Club provided the labour. It is expected that the four ponds will be available next spring, together with the use of the circular pond.

Bjerkness Rearing-ponds.—The following Kamloops trout fry were released: In No. 1 pond, 80,000; in No. 2 pond, 80,000, on August 6th and 7th. The liberation of the resultant fingerlings in the No. 2 pond became necessary September 17th and 19th, and including the No. 1 pond between October 3rd–12th, being accounted for as follows: 52,600 transferred to Kaslo rearing-ponds, 12,000 to Slocan Lake, 7,500 to Kootenay Lake, with 212 lost in transfer and draining the ponds. Total number of fingerlings raised, 72,312; weight count from No. 2 pond, 600 to the pound; No. 1 pond, 500 to the pound. The visible loss of fry and fingerlings was extremely light during retainment. The trout were fed once a day from the free-swimming stage.

Kaslo Rearing-ponds.—On August 23rd, 87,912 Kamloops fry were liberated in the ponds, and the resultant fingerlings therefrom, together with the 52,600 transferred from the Bjerkness ponds, were held in the Kaslo ponds until it was found necessary to liberate towards the end of November. Consequently, between December 1st to the 31st, 99,890 were liberated into the Kootenay Lake; weight-count, 500 to the pound. Approximate number remaining in the ponds as at December 31st, 1943, 37,657 fingerlings.

New Denver Rearing-ponds.—Were not operated, due to the pollution of Carpenter Creek, and in lieu thereof 12,000 Kamloops trout fingerlings were transferred from the Bjerkness ponds to Slocan Lake.

Cranbrook Hatchery Rearing-ponds.—Were not operated, but in place thereof 111,275 Kamloops trout fingerlings were raised in the hatching-troughs from 115,000 eyed eggs supplied from the Gerrard Hatchery. The fingerlings made excellent growth during the forty days of retainment and the figures mentioned indicate the loss as being very light.

Kimberley Rearing-ponds.—Lois Lake. In view of the Consolidated Mining and Smelting Company taking over the lake for water storage and diversion to the Sullivan mine it was not possible to retrieve or determine the results of cut-throat trout fry plantings therein.

Arrangements between the Kimberley Rod and Gun Club and the Company mentioned probably will result in some up-to-date ponds being constructed this coming spring, as Lois Lake is not satisfactory from a rearing-pond standpoint.

Matthew Creek Rearing-ponds.—Following up similar arrangements as in 1941–42, 30,000 cut-throat fry were released in the series of abandoned dams connected to St. Mary Lake, where the results of such liberations appear quite favourable.

Fernie Rearing-ponds.—Three small, partially natural ponds, situated on the property of the City of Fernie, were taken over by the Fernie District Rod and Gun Club to experiment with proposed raising of cut-throat trout fingerlings for the adjacent Elk River. To start off with, 10,000 fry were released in No. 2 and No. 3 ponds the latter part of June, and the resultant 3-inch fingerlings from No. 3 pond were allowed to enter the Elk River during the month of December. It was not possible to estimate the number of fish released or to quote the approximate number that remained in the No. 2 pond. However, the experiment is so far fairly successful, considering the lower pond is a habitat for various water-fowl.

Windermere Creek Rearing-pond.—Owing to the location and difficulty of controlling the water-flow in Windermere Creek, where the pond is situated, operations were discontinued.

Private Ponds and Trout-farms.—Except for two applications received to purchase fish (Kamloops trout fry), which were favourably considered, there were no new developments.

Miscellaneous.

The disposal of kokanee from spawning operations at Meadow Creek, Lardeau, for domestic purposes received the usual favourable consideration by the authorities as follows: Approximately 10,400 lb. supplied to the B.C. Security Commission at Kaslo. Dependents of Active Service men and other residents of Kaslo, 800 lb.; together with residents of Lardeau Valley, Trail, and Nelson, 1,500 lb.; and 6,000 lb. placed in cold storage at Kaslo for trout-food. Total amount of culled kokanee, 19,100 lb. The handling and transportation expenses were borne by the B.C. Security Commission.

Sturgeon.—From waters of Kootenay River, near Brilliant, a sturgeon was caught weighing 255 lb. Also an occasional small sturgeon was taken from the Kootenay River, Creston area.

Whatshan Lakes.—Destruction of coarse fish: Under proper supervision, approximately 3,000 Rocky Mountain whitefish were taken from the upper lake, 1,000 lb. of which was supplied to the B.C. Security Commission at New Denver and 500 lb. to the local residents. The operational expense was borne by the B.C. Security Commission.

West Arm, Kootenay Lake.—In a coarse-fish competition sponsored by the Nelson Rod and Gun Club for the juvenile members, 304 lb. of squawfish, suckers, and chub, also whitefish, were taken.

Lardeau River Spawning Areas.—Approximately 500 lb. of whitefish and suckers were taken during the spawning operations.

Skaha (Dog) Lake.—Two traps were operated to intercept the coarse fish that frequent the Okanagan River and which spawn above the lake, resulting in one fur-farmer, under licence, taking and using the following fish: Carp, 1,900 lb.; ling, 55 lb.; squawfish, 245 lb.; suckers, 2,100 lb.; total weight, 4,390 lb.

The general returns covering coarse fish taken by fur-farmers are not at present available, although it might not be amiss to mention the quantities of fish taken from certain waters, season 1942:—

Chain Lake: Suckers, 200 (weight, 525 lb.); taken by a licensed fur-farmer.

Osprey Lake: Suckers, 200 (weight, 525 lb.); taken by a licensed fur-farmer.

Columbia River and Sloughs: Ling, 47 (weight, 161 lb.); squawfish, 1,778 (weight, 1,680 lb.); suckers, 2,388 (weight, 2,252 lb.). Number of fish taken, 4,213 (weight, 4,213 lb.), by fourteen licensed fur-farmers.

Windermere Lake: Squawfish, 395 (weight, 515 lb.); suckers, 125 (weight, 312 lb.); taken by one fur-farmer.

Salvage and Transfer of Trout.—Generally, the water-flow in most streams was sufficient to prevent any serious loss of trout, nor was it necessary to salvage or transfer any stranded fish, except it became necessary to open up a channel at the outlet of Fish Lake, Summerland, to release about 2,000 Eastern brook-trout fingerlings.

Fish Guards and Screens.—The screening of intakes of irrigation systems is receiving attention, including the placing of stop-screens fencing the outlets of certain lakes to prevent the outward migration of spawning trout and subsequent loss. A panel screen fence, 5 by 32 feet with ½-inch spaces, was installed at the outlet of Jewel Lake with effective results. Similar attention to the outlet of Lillian Lake will be given during the coming spring.

Fishways.—In addition to the six small fishways installed in water-power logging or irrigation dams, one new fishway was installed in a dam on McRae Creek, flowing into Christina Lake, under the authority of the B.C. Security Commission, Greenwood. The dam is less than 10 feet in height and is used for power purposes.

Hydro-electric Power Development.—Kootenay River, near Brilliant, by the Consolidated Mining and Smelting Company of Trail. In lieu of a fishway in the power dam under construction, the Company involved will contribute annually $600 towards maintaining the trout-supply in that portion of the Kootenay River to the Slocan pool and the Slocan River affected by this artificial barrier.

Obstructions (Natural), Handy Log-jam, Lardeau River.—The open channel on the north side of the huge log-jam again afforded free passage to the parent Kamloops trout from Kootenay Lake to their original spawning-grounds adjacent to Gerrard Hatchery. However, it is quite possible that some work on the channel will be necessary in the near future. From information to hand, there are no other known naturally formed obstructions that would seriously impede or stop the movement of spawning or migrating trout.

Pollutions, Mining Industries.—The operation of mines producing gold-bearing ores has been curtailed to some extent, but in other instances some base-metal mines have resumed operations, from which pollutions have and will occur, as referred to herewith.

Similkameen River.—The impounding area of the Kelowna Exploration Company of Hedley, adjacent to 20-Mile Creek and river mentioned, was affected with the spring thaw, thus causing a cave-in and the resultant release of sludge into the said waters. This created some concern among the interested sportsmen. However, immediate action was taken to overcome the pollution by the Company officials, who have from the inception of the operations impounded 650,000 tons of tailings at the cost of 5 cents per ton.

The freeze-up caused small quantities of sludge to escape from the impounding area of the Mascot Mining Company into 20-Mile Creek, in spite of the daily atten-

tion to the discharge of tailings. Approximately 360,000 tons of tailings have been impounded since operations commenced at the cost of 5 cents per ton.

There was no escapement of concentrator tailings from the impounding areas of the Allenby Mining Company at Copper Mountain.

Salmon River and Tributary.—The lower reaches of the river continued to be seriously polluted from direct discharge of concentrator refuse into Sheep Creek, resulting from the operations of the Sheep Creek Gold Mines. The operation of the Emerald mine by the Wartime Metals Corporation, Ottawa, was of brief duration. Precautionary measures were taken prior to milling of the ore to prevent the tailings entering the Salmon River.

Columbia River.—The continual discharge of refuse from the smelter and fertilizer plants operated by the Consolidated Mining and Smelting Company of Trail does, no doubt, restrict the presence of trout in water areas affected, including bottom-feed, etc.

Kootenay Lake.—The Florence mine, a base-metal property near Ainsworth, resumed operations, with the possibility of concentrator refuse being discharged into the lake, but as a small water area will be affected it should not be very harmful towards fish life.

Kaslo Creek.—Flowing into Kootenay Lake. Probably with the resumed operations of the Whitewater mine and concentrator taken over by the Kootenay Belle Gold Mines, tailings as in the past will enter the creek. The matter of pollution is receiving attention from fishery interests at Kaslo.

Seaton and Carpenter Creeks.—Flowing into Slocan Lake. With increased production and treatment of base-metal ores from Zincton Mines, together with resumed operations of the Reco Mountain Base Metal Mines (Noble Five) at Sandon, large quantities of concentrator refuse is carried into Slocan Lake. While the refuse does not circulate very far out into the lake, it does affect and reduce the food-supply of trout.

Slocan Lake.—The Western Exploration Company continued to operate the Standard and Mammoth mines at Silverton and treatment of tailings from the Enterprise mine. The resultant concentrator refuse is discharged into the lake, but with limited circulation it does not appear very harmful towards fish life.

St. Mary River.—The usual steady attention is given by the officials of the Consolidated Mining and Smelting Company in connection with the discharge and impoundment of sludge from the Sullivan concentrator, thus preventing the serious pollution of the river from this important industry.

Elk River.—Provision has been made with the Crow's Nest Pass Coal Company in connection with the operations of the Elk River Collieries on Coal Creek to impound the sludge from the coal preparation plant, to avoid any serious pollution of Coal Creek and Elk River.

Lumber Industry.—The operators of the various stationary and portable sawmills have reasonably complied with the fishery regulations to prevent the pollution of waters with sawdust or mill refuse, although in a few instances it became necessary to investigate for the protection of fish life.

Water Conditions.—The gradual spring run-off, followed by a fair amount of moisture, ensured the average water-flow for effective results from eyed eggs planted and natural propagation. Fortunately, weather conditions aided forest-protection, resulting in no serious forest fires or loss of trout in the various watersheds.

Diseases.—During the year no known diseases occurred to affect fish life, except a natural occurrence of " winter-kill " in New Lake, vicinity of Cranbrook, where large numbers of 3- to 5-lb. Kamloops trout perished, being a repetition of the loss during the winter of 1936–37.

Conservation.—Under normal conditions it is very doubtful if the supply of trout can be maintained in the lakes and streams accessible to auto travel, unless the number of trout in possession is restricted during a calendar week.

Co-operation.—On behalf of my fellow employees and myself I wish to express my sincere appreciation for the valuable assistance rendered by the organized sportsmen and individuals, including the Forest Branch, Public Works Department, British Columbia Security Commission, and the Consolidated Mining and Smelting Company in connection with rearing-ponds and all other phases of game-fish culture. Further, to Doctors W. A. Clemens, D. C. B. Duff, University of British Columbia, and G. Clifford Carl, Director, Provincial Museum, for scientific information supplied and assistance rendered.

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

BY R. M. ROBERTSON, OFFICER COMMANDING.

I have the honour to submit herewith my annual report on game conditions in "C" Game Division during the year ended December 31st, 1943.

BIG GAME.

Moose.—These animals are definitely on the increase in the Bridge River and Pemberton Valleys. According to certain residents, they are in sufficient numbers to warrant an open season. Premature opening of such a season, however, would undoubtedly have a detrimental effect. It is indeed a more profitable move to wait for fuller and more extensive infiltration where they are now for the first time making their appearance. This applies to many other parts of this Division to as far south as the Penask Lake area, north-east of Merritt, and also to the Okanagan Valley. Disease in moose killed is reported from the Wells area. From Quesnel comes a recommendation for a shorter season on moose.

Caribou.—The Clearwater district around Battle Mountain was inspected during the hunting season. Hunters report a scarcity or temporary disappearance of caribou from and around the Philip Mountain-Battle Mountain area. Moose-tracks were observed in considerable numbers in this district. A patrol will be made during the forthcoming year by the writer through the Murtle Lake area to ascertain the extent of the caribou movements. Reports come to hand that these animals spend the summer months around the Thompson River glaciers north of Murtle Lake. In other portions of this Division the caribou herds are about at a standstill in population.

Deer.—There is no drastic change in the deer population, but Williams Lake reports a great scarcity. The usual crop of recommendations from hunters who have had difficulty in getting their bag-limits continue to be received. The buck law has stood the test of time over a long period and, taken as a whole, is in satisfactory condition. Disease is reported affecting deer west of the Fraser River in the Clinton detachment, where domestic sheep are now ranging. Caseous lymphadenitis is suspected in these cases. If this is true, it will be the first sign of this disease appearing in deer in the Chilcotins.

Mountain-goat.—Mountain-goat are numerous east of Williams Lake, according to reports. At Lillooet and also in the Momich River area these animals have not been hunted as extensively as in former years.

Mountain-sheep.—A closed season on mountain-sheep took place in the Squilax area. The season remained open at Squam Bay (Adams Lake), where very few animals were taken. Several bands were seen on the Yalakom Game Reserve. These animals are increasing in the Deer Park Ranch district in the Williams Lake detachment.

Wapiti.—No reports of any having been seen east and west of the Fraser River, in the Clinton detachment, have come to hand. We should give some consideration to the proposal for a short open season at the head of Adams Lake. The terrain lends itself well to the protection of this species. I hope to receive additional information and possibly make another patrol into this district to ascertain their numbers and condition. Reports of cougars and extensive killing of deer at the head of Adams Lake have reached this office. A patrol will be made by Predatory-animal Hunter Shuttleworth in a check-up on wapiti and also to destroy some of the cougars reported at large in the Adams Lake district.

Bears.—Black bears are hunted very little. In the southern portion of this Division they have become quite a menace to stock. Grizzlies are about the same in numbers throughout this Division. One grizzly was responsible for the destruction of several head of stock in the Kelowna district, and Predatory-animal Hunter Shuttleworth destroyed this animal in the act of killing a steer.

Fur-bearing Animals.

Recent statistics in this Division show that there is a decrease in the number of beaver. With existing high prices, some prohibition in the allowance of a free rein to some trappers may have to be brought about. This might be accomplished by means of the tag system, so long under discussion, and which I hope will be put into effect during the beaver season for 1944. The longer this is delayed, the more depleted beaver on trap-lines will become. Trappers report a scarcity of lynx and other fur-bearers.

The pressing need of the moment is for some form of action to combat a tendency toward depletion of our fur resources. I am again submitting the beaver census for "C" Game Division covering the year 1943. These returns exclude Indian trap-lines as the Indian situation is as yet unsolved.

Season.	No. of Trappers submitting Returns.	Estimate of Beaver.	Average per Trapper.
1934–35	275	4,789	17.41
1935–36	343	6,392	18.60
1936–37	367	6,347	17.29
1937–38	345	5,945	17.23
1938–39	307	5,315	17.30
1939–40	348	6,501	18.68
1940–41	345	7,228	20.95
1941–42	350	6,663	19.04
1942–43	404	7,852	19.43

To ensure that census and catches are accurately reported would require a vastly increased staff of Game Wardens. The catch on beaver can be fairly accurately kept by means of numbered tags, but the census check-up is far too large an undertaking for one Game Warden, especially when he has from 60 to 124 trap-lines in his detachment, covering in many cases extremely difficult country.

There is a definite scarcity of the following fur-bearers: Marten, lynx, fisher, mink, squirrels, and, in some areas, beaver. Wardens state that something will have to be done with the private-property trapper. He is beginning to threaten the success of the registered trap-line system. The tag system will be a more accurate check on the number of beavers caught, provided each tag is numbered and the numbers are marked on the trapper's licence when the pelts are presented for tagging along with his permit to trap a specified number. This number should be based, to a large extent, on previous beaver returns and census.

Upland Game Birds.

Pheasants are numerous around Lillooet, Kamloops, and, to a lesser extent, around Salmon Arm. In the Vernon and Kelowna districts they have been greatly reduced in numbers through the open season on hens some time ago and destruction by some farmers claiming damage to crops. The breeding season was also a poor one. Willow grouse are very scarce in Kamloops and particularly Lillooet, where it is said very few are left. The request is for a close season in favour of Lillooet. Vernon reports an increase in willow grouse but a decrease in blue and Franklins. Quesnel recommends a close season on all species of upland game birds for 1944.

European partridges have not done so well in this Division. The influx of ravens into the Kelowna and Vernon districts is quite noticeable. Crows have been largely killed off and ravens are now taking their place. In no other part of this Division does this condition exist. Quail have disappeared from the Lillooet district because of the extreme cold in January, 1943. Most of them were frozen to death.

Migratory Game Birds.

Where feeding and nesting conditions have been suitable, water-fowl have greatly increased. This, in a measure, is also due to less shooting because of ammunition and gasoline shortages. The majority of detachments report an increase. The proposal in some places of creating winter feeding-grounds for ducks where migration has not taken place should receive careful consideration. We can, in a spirit of benevolence, inflict cruelty on water-fowl by delaying their migration through premature feeding of ducks and other migratory species while on their way to their winter quarters. To increase to a considerably greater extent the water-fowl population, might I suggest the extensive liberation of beaver over large areas out of reach of Indian Reserves or Indian trap-line areas and away from the immediate vicinity of irrigation projects.

Large numbers of ducks are injured during night-shooting in the open season. These water-fowl in many cases are not fit to make an extensive migration south and therefore stay where there are open patches of water in southern British Columbia. Examination of many of these birds could readily be made after feeding them into a trap without injury, to prove this contention. By limiting the shooting-time each day or making a definite daily time to cease shooting, we would be performing an act of charity. Night-shooting should be cut out entirely.

Vermin.

Nine officers destroyed the following predators: Horned owls, 9; crows, 333; magpies, 297; hawks, 60; ravens, 48; eagles, 2; cougars, 6; coyotes, 200; bobcats, 11; house cats, 57; dogs, 9; bears, 17; and timber-wolves, 3.

Approximately forty farmers complained of predators doing damage on their property.

Game-protection.

There were sixty-eight prosecutions under the " Game Act " in this Division during 1943. Of these, five cases were dismissed.

Game Propagation.

Seventeen pheasants were trapped at Tranquille during the winter of 1943–44 and liberated in other parts of the Kamloops district. Five beaver which were taken from the Bowron Lake Sanctuary were liberated in other parts of this Division. The number taken was small, due largely to high water and fluctuating levels; also a scarcity of beaver in certain sections of the reserve.

PROVINCIAL LIBRARY
VICTORIA, B. C.

Game Reserves.

Yalakom Game Reserve, in the Lillooet detachment, was patrolled quite regularly. There is nothing to report on Tranquille Game Reserve except that white posts were erected to show the boundary-lines. This also applies to the Minnie Lake Reserve in the Douglas Lake area.

Fur Trade.

This trade goes mainly to Vancouver. The actual fur catch is low considering the size of the area over which trapping operations are carried on.

Fur-farming.

Mink and fox farming are the principal ones. The industry as a whole requires a stimulus. Some of the new colour phases in foxes and mink are in great demand. New and variable colours in other species of fur-bearers will tend to place the industry on a more secure footing. Thirty-six fur-farms are operating in this Division at present.

Registration of Trap-lines.

There is no such thing as a perfect system. It is only regular changes and the adoption of new ideas that makes for success in anything. The term "registration of trap-lines" implies just what it states. It gives the trapper the exclusive right to trap within a specified area without interference. There is one possible exception to this right. The fur-bearers within a certain registered area are available for trapping by the trapper, but only on Crown land. This does not give the trapper the right to take fur-bearers on private property without the sanction of the private-property holder. Since the fur-bearers on private property belong to the Government and roam over Crown lands within a registered trapping area, it presents a problem to the registered trapper when he finds that private-property holders or owners have given the right to other trappers who are not registered trap-line holders to take fur-bearers from their private lands. He rightly feels that he is not getting a square deal since he is endeavouring to conserve, like many other trappers, the fur-bearers which travel off and on to this private property.

This situation is the cause of a great deal of friction and it is increasing to a considerable extent. The private-property trapper is free to roam at will within half a dozen large registered trapping areas, provided permission is once obtained from the private owners. In other words, he is living off the efforts of the registered trapper and he has no permanent stake in the country, since he does not know from one year to another just where he will be allowed to trap next. It is a problem that will have to be solved in the immediate future. For instance, there are sixty-six non-registered trappers trapping on private property and assisting, in a very few cases, registered trappers on their trap-lines within the Clinton detachment. There are seventy-one registered white trappers operating over registered areas. The proportion of private-property trappers to that of registered trappers is too large and does not give the registered trapper a show at all.

Special Patrols.

Three patrols were made, one by Game Warden Stewart, another by Game Warden Gill, and, finally, one by Game Warden Mottishaw. All these patrols were made in connection with the report of wolves operating within the boundaries of these detachments. Appropriate action was taken when conditions permitted. Sixty-three convictions were obtained during the year. Five additional prosecutions were dismissed.

Hunting Accidents.

On Wednesday, November 17th, 1943, about 4 p.m., Gordon G. A. Nicol, of Kamloops, B.C., was shot in the right leg below the knee. His friend's gun was already in the pit and as he laid his own in the pit his friend's gun began to slip and went off. They were hunting geese near Brigade Lake. This accident necessitated the amputation of Mr. Nicol's leg above the knee.

John Kennedy, Trail, B.C., was out hunting pheasants near Salmon Arm with William Leslie Wood and Eugene Urbshadt on Monday, October 25th, 1943. A pheasant came into view and all three hunters swung their guns on the bird and William Leslie Wood shot John Kennedy accidentally in the face and chest. He was taken to the Salmon Arm Hospital and later to Vancouver for treatment by a specialist. He passed away at Vancouver on November 1st, 1943.

Lou Weaver, of 1910 S.W. 47th Avenue, Seattle, Washington, had been hunting deer in the Timothy Lake area. He and his daughter were packing the car preparatory to leaving for Seattle about 8 a.m. on November 16th, 1943, near Timothy Lake. He was placing two guns on top of a sleeping-bag in the back seat of the car, when one of the guns, a 32.40 Winchester, discharged, shooting him in the heart. Mr. Weaver passed away immediately.

There are far too many doubtful weapons in use during the hunting season. We prohibit the use of cars with defective brakes and yet in the use of firearms many hunters operate guns in which the trigger pull is dangerously light. One accident, at least, was caused through the use of a faulty weapon during 1943 in this Division. We have no record of the number of near-accidents through the use of faulty weapons. Several suggestions have been included in past annual reports on methods of prevention of these regrettable accidents.

Summary and General Remarks.

Practically all detachments report an increase in revenue over the past year. Game conditions were generally good in most places. In willow grouse, however, there was a distinct scarcity. Regarding blue grouse, the reports are somewhat conflicting as to increase and decrease. Kelowna reports a scarcity of ducks due to the drying-up of many sloughs.

The Game Wardens in this Division again obtained the Gold Award during the last Victory Loan campaign.

As previously recommended, might I suggest the liberation of beaver on a more extensive scale? There is ample evidence to show the great benefit to be derived from beaver liberated at the headwaters of thousands of streams in our Province. The increase in water-fowl alone would be well worth the undertaking. Except where requested, these animals should be kept away from irrigation projects. Four beaver were liberated in 1942 in the Chilcotin area near the headwaters of a creek supplying irrigation-water to farms on the lower level. Since their liberation there has not been a single complaint of the lack of water. A variety of water-fowl, never before seen on the dams, have now made their appearance.

The prevention of hunting accidents should be given some consideration.

I wish to extend thanks for assistance rendered in the operation of coarse-fish traps to the Bridge Lake Rod and Gun Club.

To those Game Associations who also helped in various other ways and to the members of the various Governmental Departments I am indebted for their helpful advice and co-operation during the year.

Report of C. H. Robinson, Fishery Supervisor, covering Game-fish Conditions in "C" Game Division.

I beg to submit a summary report of game-fish conditions in "C" Division covering some important waters and other phases of fish-culture in conjunction with information supplied by the Game Wardens for the year ended December 31st, 1943.

As in other parts of the Interior climatic conditions during the spring affected sport-fishing and restricted the catches of trout. However, as conditions became normal there was a marked improvement in most waters, except certain lakes, which failed to produce the average catches of trout.

Due to restricted travel, there was a noticeable decrease in the number of non-resident anglers visiting and fishing the waters of the Interior. There was also less fishing by resident anglers in waters not so conveniently accessible.

The trout distribution and operation of hatcheries is referred to later in the report by the Game Commission.

North Okanagan and Salmon Arm Waters.

Okanagan Lake.—The north end region of the lake, in the vicinity of Kelowna and Okanagan Landing, provided some good fishing for Kamloops trout varying in weight to 18 lb. Most of the large trout are taken on the troll with some fly- and bait-fishing for the immature fish. The liberation of yearly trout fingerlings from the Kelowna rearing-ponds has probably assisted towards the improvement. The proposed Trout Derby next spring, sponsored by the organized sportsmen of Vernon, Kelowna, and Penticton, will boost the fishing in the lake and the collection of interesting data.

Cariboo and Pear Lake, McCulloch.—The Eastern brook-trout introduced in the year 1939 (in place of rainbow trout) are now fairly well established, varying in weight to 3 lb. Due to prevailing low-water conditions during the fall, spawning was much restricted.

Shannon Lake.—Reports indicate that the Eastern brook-trout introduced into this small lake (land-locked) in 1942 are thriving. The local anglers of Kelowna propose to create artificial spawning areas to accommodate the fish.

Beaver Lake.—Provided the usual good catches of Kamloops trout for the resident and non-resident anglers, both by fly and trolling, as did also the Dee Lake Chain. Apparently the size and condition of the trout improved in Beaver Lake, the weight of which varies to 3 lb. The reduced planting of fry probably has been of benefit. Seasonal fish-cultural operations are carried out at the lake with excellent results.

Trapper Lake.—Apparently during the winter of 1942–43 the Kamloops trout suffered a set-back from winter-kill. Previously the lake produced 10-lb. trout on the fly. To restore the now depleted supply it will be necessary to restock from the Beaver Lake Hatcheries.

Woods Lake.—Apparently it was an off season for kokanee fishing. The reason these catches were so poor might be attributed to climatic conditions during the spring. Otherwise the lake has been noted for producing extra large kokanee weighing up to 4 lb., taken on baited trolls. The possibility of increasing the trout from the stepped-up plantings of Kamloops eyed eggs and fry the last three years is awaited with interest.

Kalamalka (Long) Lake.—Produced fairly good fishing for the Kamloops trout, varying in weight to 10 lb. Owing to the somewhat scanty food-supply, the trout are rather thin the first part of the season. The planting of kokanee eyed eggs in Coldstream Creek, a tributary, was to maintain the run as a food-supply for the large trout.

Echo Lake, Lumby.—This land-locked lake has produced quite large Kamloops trout, mostly on the troll. The best fishing is in the early spring and fall. With no natural reproduction, yearly replenishment is necessary.

Sugar Lake.—This lake continued to produce the average catches of rainbow trout, the growth of which has increased since the West Canadian Hydro Electric Company constructed the storage-dam on the outlet of the lake in 1942, thus increasing the bottom and surface feed. The raising of the lake-level will not affect the spawning-grounds of the trout.

Mara Lake.—Some very encouraging reports were received of good spring and fall fishing for Kamloops trout, averaging about 3 lb. in weight. No doubt the outward movement of salmon fry from Shuswap River in the spring attracts the trout. The future of Mara Lake looks bright with the various tourist camps and summer homes, and it is important that the trout-fishing be maintained.

Mable Lake.—This lake was fairly well patronized by the local anglers and the trout-fishing showed an improvement. Fair catches of Kamloops trout, averaging 2½ lb., were reported, also the usual lake-trout were taken.

Shuswap Lake.—In waters of the Salmon Arm area the trolling and fly-fishing for Kamloops trout was fair. The use of the baited multiple lures make or ensure limit catches of immatured trout daily. The condition of these trout indicates that the food-supply is not plentiful, due possibly to the presence of carp. As a food-supply for the larger trout, kokanee eyed eggs were planted in Granite Creek and the Salmon River during the past four years.

In the Sicamous region of Shuswap Lake some favourable reports were received regarding the catches of Kamloops and lake trout. Compared with normal conditions few people were out fishing.

Towards the outlet of Shuswap Lake, rainbow trout fishing was fairly good in the vicinity of Adams and Little Rivers. The salmon-runs in the fall and outward migration of fry in the spring is an important factor towards the congregating and catches of trout.

Adams Lake.—Apparently only fished by local residents who secure average catches of Kamloops trout and some quite large Dolly Varden.

Aylmer (Star) Lake.—Produced fair catches of Kamloops weighing an average of 4 lb. Conditions were partly investigated to determine the future policy of replenishment and the feasibility of preparing artificial spawning areas in an effort to improve the parent fish.

Pillar Lake.—Was well patronized by non-resident anglers. While possibly the catches of Kamloops trout are not quite so good as in former years, yet this lake remains productive, considering the amount of fishing and the number of fish taken each season. The average weight of trout caught vary from 2 to 10 lb.

Kamloops District Waters.

Monte Lake.—Produced fair catches of Kamloops trout, but due to the very cloudy condition of the water from algæ the latter part of the season fishing was curtailed. There is some doubt whether trout-fishing can be improved under present existing conditions.

Paul Lake.—Apparently failed to produce the average good fishing for Kamloops trout the first part of the season, but towards the fall there was an improvement. It is quite possible that seasonal conditions affected the catches of trout. From the heavy run of spawners and collection of eggs therefrom, including the numbers of immatured trout observed feeding in the shallows, there would appear to be no serious signs of depletion.

Pinantan Lake.—Provided fairly good fishing for Kamloops trout from 1½ up to 2 lb. It appears that since the presence of minnows or shiners, first observed in the lake in 1939, the growth and condition of the fish has not been so good. Possibly the shiners may act as a forage-fish for the large trout. The shiner does, no doubt, consume large quantities of microscopic food, thus retarding the growth of small trout.

Knouff Lake.—The spring fishing for Kamloops trout by fly and troll was rather poor, but improved towards the fall. The average weight was from 2 to 3 lb. compared to 20-pounders several years ago. For the conservation of the parent spawning trout, the temporary stop-fence at the outlet of the lake was replaced with trap and pens for ova collections.

Lac le Jeune.—A general utility lake, provided the usual good fishing throughout the season by fly and troll. Kamloops trout averaged 1½ lb. with an occasional 4-pounder reported. It appears that the growth of the trout has improved slightly from the increased supply of fresh-water shrimps.

McGlashon (Wolfe) Lake.—Situated on the Campbell Range, provided good fly-fishing for the Kamloops trout first introduced in 1940–41 which averaged from 2 to 4 lb. It is reported that some natural reproduction occurred resulting from the trout spawning on the gravel-bars fed by the springs.

Peterhope Lake.—Remained very popular and continued to produce good catches of Kamloops trout from 2 to 19 lb., and 7- to 12-pounders were quite common. The phenomenal natural reproduction in the inlet of the lake in 1942 provided ample fry for restocking purposes and good fishing during the season.

Taweel Lake.—Rail transportation permitted numbers of non-resident anglers to fish this lake. The usual good catches of Kamloops trout averaging from 3 to 5 lb. and a few towards 9 lb. were reported. Moreover, the two small lakes adjacent produced very good fly-fishing for trout from 1 to 4 lb., with limit catches daily. Apparently the outtake, coupled with the decreasing food-supply, has not kept up to the natural reproduction, hence smaller trout. It is possible that under normal conditions the fishing will increase to balance natural spawning.

Cariboo District Waters.

Beaver Dam Lake (Canoe Creek Road).—It is reported that Kamloops trout in the lake were frozen out the winter of 1942–43, thereby reducing the catches of trout up to 10 lb. in weight. To offset the loss of trout from winter-kill, eyed eggs were planted.

Loon Lake.—There was considerable fishing for Kamloops trout from 1 to 1½ lb. Apparently the lake is somewhat overstocked with trout compared to the food-supply, although the fish are slightly larger since more fishermen are visiting the lake.

Bridge Lake.—The resident and non-resident anglers report that the fishing for Kamloops trout is improving each year, including the growth, average weight up to 6 lb. The spawning areas were improved in the outlet creek of the lake by removal of a huge log-jam. Two tons of coarse fish suckers were taken from Chase Creek flowing into the lake.

Deka Lake.—Was not fished very heavily. However, there is a noted improvement in the growth of the trout from 5 lb. The spawning areas were reported favourable and with the yearly planting of eyed eggs the supply of trout should be well maintained. Three tons of coarse fish were trapped and destroyed.

Horse Lake.—Reported improved conditions and catches of Kamloops trout around 2 and 3 lb. with suitable spawning areas for natural reproduction.

Canim Lake. — Due to restricted travel this quite large lake was not fished as extensively as in former years. The Kamloops trout vary in weight to 5 lb. and with fair spawning streams and yearly plantings of eyed eggs the supply of trout is taken care of. The coarse fish are quite numerous in this lake.

Quesnel Lake.—Produced fair catches of Kamloops trout, varying from 2 to 21 lb. Lake-trout averaged 15 lb. The feed conditions remained good. Also, the lake was very well patronized by resident and non-resident anglers. This information applies also to Horsefly Lake.

Big Lake.—Provided fair fishing for Rainbow trout, averaging 2 lb. in weight, from the spring to the early part of the summer. The feed conditions remained fair.

Rose Lake.—During the spring this lake produced fair catches of rainbow trout averaging 3 lb. in weight. Due to the muddy taste of the fish during the early part of the summer, the lake is not so popular to the tourist.

Lac la Hache.—The spring and fall fishing for rainbow trout is generally good, some averaging 3 lb. and the lake-trout 15 lb. Feed conditions remain good.

Bouchie, Melburn, and Puntataenkut Lakes, Quesnel Area.—Fishing for rainbow trout was good with numerous anglers out. The weight of the trout taken varied from ½ to 8 lb.

Tzenzaikut, Trout, and Ahbou Lakes, Quesnel Area.—These lakes were not fished to any extent. Fish varied in weight from ½ to 8 lb.

During the year approximately 3¾ tons of coarse fish were destroyed in different streams of Quesnel district. It is reported that by reducing the numbers of coarse fish in certain streams and lakes the size of the trout and also the fishing conditions have improved.

Bowron Lake.—Supplied fairly good fishing for rainbow and Dolly Varden trout throughout the season. Rainbow averaged 1½ lb., Dolly Varden around 7 lb. The kokanee, native to the lake, appear rather small, 6 inches in length, and weigh ¼ lb. They are quite valuable as a forage-fish. Coarse fish are reported numerous.

Indian Point Lake.—Throughout the season this lake provided fair fishing for Kamloops trout, varying from 1 to 6 lb.; Dolly Varden averaging 7 lb.

Isaac Lake.—Although not so accessible, produced fair fishing for Kamloops trout, averaging 14 lb., and Dolly Varden 8 lb. or more.

Beaver, Spectacle, and Swan Lakes.—General fishing conditions remain good with fair catches of Kamloops averaging from 1 to 8 lb., including Dolly Varden trout. It is reported that numbers of coarse fish were trapped and destroyed during the tagging of the salmon by the International Pacific Salmon Commission at the outlet of Bowron Lake. It is suggested that conditions be investigated in Swan and Bowron Lakes with a view to reducing the coarse fish in these lakes.

Miscellaneous.

Kelowna Rearing-ponds.—These natural ponds were developed by the organized sportsmen of Kelowna, and were subsequently taken over and operated by the B.C. Game Commission. Fairly good results were obtained from yearly fry liberations and the fingerlings raised therefrom. Fortunately the natural food-supply is sufficient to support the trout throughout the period of retainment, thus reducing the operating expenses.

The following Kamloops trout advanced fry were liberated in the ponds, August 8th, 1942: Pot-hole, 4,600; Pond No. 2, 8,240; Pond No. 3, 24,000. Total, 36,840 fry.

Recovery of fingerlings (weight count), April 17th to 21st, 1943: Pot-hole A, 2,690, 100 per pound; Pond No. 2, 1,640, 65 per pound; Pond No. 3, 1,505, 35 per pound. Total, 5,835.

Distributions.—Okanagan Lake (Penticton), 2,065, loss 30. Okanagan Lake (Kelowna), 2,265. Okanagan Lake (Vernon), 1,505. Total, 5,836 fingerlings.

Vernon Rearing-pond.—This is a natural pond, partly developed and operated by the Vernon Fish and Game Protective Association for the benefit of the Okanagan Lake. In co-operation with the Game Commission, yearly allotments of 30,000 Kamloops trout fry have been supplied since the year 1940. Due to natural food-supply being insufficient to support the fish entirely, and the difficulty of securing suitable food, the fish are not retained very long but are allowed to pass out gradually into Vernon Creek flowing into Okanagan Lake. This method of release is probably better than direct fry liberations into Okanagan Lake.

Some attention was given to the possibility of the Grindrod-Mara-Enderby Fish and Game Association creating rearing-ponds. However, the matter was held in abey-

ance for more data and with the expectation of other organized sportsmen taking part in the venture.

Kokanee (Redfish).—As a result of investigations commencing in the year 1938, and for the primary purpose of maintaining the food-supply for Kamloops trout and, where possible, to restore the depleted spawning runs for this fish in streams, the eggs from Kokanee Lake (Kokanee Creek spawners) have been planted in the following waters: 1938–43, south end of Okanagan Lake, 2,390,000 eyed eggs; 1940–43, Kalamalka Lake, 550,000; 1940–42, Woods Lake, 250,000; 1940–43, Shuswap Lake (Salmon Arm), 425,000. Other lakes not previously inhabited with kokanee: 1940–41, Canim Lake, 250,000; 1940, Murtle Lake, 100,000; 1941, Brown's (Island) Lake, 15,000 fry; 1941, Echo Lake via Lumby, 15,000 fry. The results of the majority of these plantings have been successful.

Conservation.—Salvage and transfer of trout: Knouff Lake, 213 spawning Kamloops trout between 2 and 3 lb. were salvaged from the outlet creek and returned to the lake.

Peterhope Lake.—One hundred and twenty-seven spawners (Kamloops), average weight to 5 lb., were salvaged from the outlet creek and returned to the lake by local Game Wardens.

Fish Barriers and Screens.—In order to prevent the loss of spawning Kamloops trout passing out of certain lakes to become stranded in the outlet creeks and from entering irrigation streams, the installation of barriers and panel screens were effective at the following points: Coldstream Creek (Kalamalka Lake); outlets of Beaver and Oyama Lakes; outlet of Knouff Lake; inlet and outlet of Monte Lake; outlet of Pavilion Lake, and possibly the outlet of Surrey and Sussex Lakes.

Destruction of Coarse Fish.—Extreme low-water conditions during the spring in the Okanagan Lake, vicinity of Kelowna, prevented the trapping of carp. However, in some waters of the Division effective measures were taken to reduce the numbers by Game Wardens and fur-farmers in the Salmon Arm area. The returns covering coarse fish taken by fur-farmers are not at present available, so the information cannot be detailed.

Shuswap Lake, Salmon Arm.—Approximately 4,000 lb. of carp, squawfish, and ling were taken by fur-farmers, including 800 lb. of carp taken by the Game Commission trap at Rosmond-Mara Lake.

Okanagan Lake.—In Otter Creek trap a large number of carp were taken by Indians, no record being kept as to the number or weight.

Bridge Lake.—Approximately 4,000 lb. of suckers and squawfish, also chub, were trapped; and 2,000 lb. from Crystal Lake.

Burns Lake.—Approximately 6,000 lb. of suckers and squawfish were trapped.

Deka Lake.—Approximately 6,000 lb. of suckers, squawfish, and chub were trapped and destroyed.

In the different streams situated in the Quesnel district it is estimated that 7,000 lb. of coarse fish were taken and destroyed.

From waters of Williams Lake district 500 lb. of large coarse fish were destroyed.

Diseases.—There was no known loss of trout from disease, but from natural causes, "winter-kill," during the winter of 1942–43 a heavy loss of Kamloops trout occurred in Trapper Lake, Kelowna district, and Beaver Dam Lake, Clinton district. Steps have been taken to restore the loss by restocking.

Water Conditions.—Were favourable for ova collections and for the planting of eyed eggs, nor were streams seriously affected to warrant the salvage of stranded trout, except as referred to herein. Further, there were no serious forest fires to affect fish life.

Game-fish Culture.—Generally the supply of trout has been well maintained in most waters throughout the Division, through some natural reproduction and with a greater

percentage of artificial propagation successfully carried out at Beaver Lake, Lloyd Creek, and Penask Lake Hatcheries. The result of fry plantings in the numerous productive lakes has so far maintained the supply of trout, subject to the outtake and general feed conditions.

In concluding I wish to thank the various fish and game associations and individuals for the splendid co-operation rendered during the year.

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

BY T. VAN DYK, OFFICER COMMANDING.

BIG-GAME ANIMALS.

Again conditions were favourable throughout the Division. All big-game animals are steadily increasing in numbers. The migration of the moose westerly is continuing and is reported as far west as Lakelse Lake, south of Terrace, in the Skeena Electoral District.

FUR-BEARING ANIMALS.

Very good reports have been received from various districts in the Division, which indicate that the beaver are steadily increasing in numbers. A number of trap-lines are being kept in good standing for members of the armed forces. These trap-lines will receive special protection during the coming trapping season with a view to keeping poachers from depleting the fur-bearers, and ensure for the registered trap-line holders serving in His Majesty's Forces a good living on their return from the war.

UPLAND GAME BIRDS.

Grouse.—Owing to adverse weather conditions during the nesting season, the expected increase in the numbers of these upland game birds did not materialize, but although reported scarce along the highways, sufficient birds were left in the remote parts of the Division to ensure an increase next season providing suitable weather conditions prevail during the early spring. Should a second adverse season occur, a close season on these birds will have to be given consideration in the year 1945–46.

MIGRATORY BIRDS.

The increase in the numbers of all migratory birds anticipated last year has materialized, and ducks and geese, etc., are now in sufficient numbers to give good hunting throughout this Division. The fall season is expected to be exceptionally good from a sportsman's point of view.

VERMIN.

Very few complaints have been received in regard to depredations by coyotes and cougars, but numerous complaints have come in from various parts of the Division regarding the depredations by wolves.

In order to cope with the situation, numerous permits have been issued throughout the Division to selected farmers, stockmen, and trappers, authorizing them to use poison in the destruction of these predators.

Very good results were obtained in some cases, and it is expected that a greater number of wolves will be destroyed next season as a result of the experiments conducted in the use of poison and experience gained thereby.

A concerted effort (International) by all Provinces, States, and Territories, etc., in the destruction of all predators would reduce to a minimum, if not eliminate, the wolf problem.

GAME-PROTECTION.

All Game Wardens in "D" Division carried on their usual patrols and in some cases undertook special patrols in their districts. Special attention is drawn to these special patrols further in this report. Some 100,738 miles were covered. All means of transportation were used, as follows:—

	Miles.
Train	4,929
Automobiles	71,826
Foot (including dog-team)	5,800
Horse (including sleighs)	587
Boat	7,982
Plane	9,614

An increase in the number of Game Wardens in "D" Division is fast becoming a necessity, and it is expected that extra Wardens will be appointed as quickly as possible after the end of the present hostilities.

GAME PROPAGATION.

No special propagation-work has been undertaken in "D" Division during the year.

GAME RESERVES.

No properly organized game reserves have been established in this Division. However, a number of sanctuaries have been established, Kaien Island (Prince Rupert), Kathleen Lake (Smithers), Nechako Sanctuary (Vanderhoof), and the Prince George Sanctuary at Prince George. A great number of birds are making use of these sanctuaries during the migration periods.

FUR TRADE.

Although no complete data are available for the Division, information came to hand which points to a very successful season; quantities of furs and prices paid were very satisfactory. A number of fur-traders expressed a wish that a resident travelling fur-buyer's licence, to cover fur-buyers who purchase furs away from their principal place of business, be introduced. The fee suggested varied from $50 to $200. The introduction of such licence at a fee of $100 is hereby recommended.

FUR-FARMING.

This industry is not prospering. It is my opinion that the industry should be encouraged by the Department by way of giving the fur-farmer all possible assistance in the shape of experiments conducted under the supervision of a Government pathologist; results of such experiments to be passed on to the fur-farmer free of charge.

REGISTRATION OF TRAP-LINES.

The registration of trap-lines in the northern part of the Province is suffering through lack of proper maps. In order to save the best fur district in this Division, "North of the 57th degree of north latitude," surveys should be made of the unmapped areas and adequate maps obtained. I trust this matter will receive your very kind consideration.

SPECIAL PATROLS.

Patrols of the Division are constantly made; a few of them undertaken for special reasons are classed as special.

Game Warden P. Brown made a few patrols which could be classified as special. Patrols of the Nation River, Omineca River, and Takla Landing area were undertaken, averaging 500 miles each.

Special patrols undertaken by Constable J. W. Todd, of Telegraph Creek, are also worthy of mention, especially the patrol to Kluachon Lake, when very valuable information regarding the migration of caribou was obtained.

Hunting Accidents.

I regret to report the following hunting accidents which took place during the past year:—

Don Moffat, of Prince George, B.C., aged 16, whilst hunting in the vicinity of Six-mile Lake on October 31st, 1943, shot at a grouse, when the shell missed fire and he took it out of the gun, putting it in his pocket. About two minutes later the shell exploded, setting off a number of other shells, causing puncture wounds to both buttocks. Moffat has fully recovered from his injury.

Marcel Audet, Gnr., 20th Field Artillery, R.C.A., Prince George, B.C., was out hunting on November 10th, 1943, in the vicinity of Reid Lake, in company with a number of other soldiers. Pte. George Robidoux, who was standing about 2 feet from Audet, suddenly turned around, when his rifle discharged, the bullet striking Gnr. Audet in the chest, killing him almost instantly.

Frank Goreing, Ordinary Seaman, Royal Canadian Navy, stationed at Prince Rupert, whilst out hunting on January 23rd, 1943, attempted to pull his shotgun out of the bow of a boat, muzzle first, when same accidentally discharged, the full force of the charge striking him in the chest. He died the following morning.

Nels C. Westergaard, Bear Flat, B.C., on April 10th, 1943, whilst out hunting horses, saw a coyote and took his rifle out of a scabbard and injected a shell into the chamber, when he discovered that the coyote had gone behind a bush. In putting the rifle back into the scabbard, it suddenly discharged, shooting off his middle toe. Westergaard has fully recovered from his injury.

Game-fish Culture.

Kamloops trout eyed eggs were supplied by the Game Commission and distributed as follows:—

Prince George Rod and Gun Club, operating a small hatchery at Prince George, were supplied with 80,000 eyed eggs and 65,000 were distributed as follows: Cluculz Lake, 25,000; Summit Lake, 10,000; Bednesti Lake, 15,000; Six-mile Lake, 10,000; and West Lake, 5,000. The estimated loss being about 20 per cent.

The Bulkley Valley Rod and Gun Club received 70,000 eyed eggs which were hatched in the hatchery operated by this club, and the fry distributed as follows: 2,000 fry liberated in Seymour Lake; 2,000 in McLure Lake; and 61,600 in Kathlyn Lake. The estimated loss being 6.25 per cent.

The Terrace Rod and Gun Club planted 40,000 eyed eggs in streams and tributaries of Lakelse Lake.

In addition to the operation of the various hatcheries, outstanding work was performed by Game Warden P. Brown in patrolling various spawning streams in his district, especially Corkscrew Creek, during the spawning season, 1,014 miles being covered during these patrols.

Summary.

Weather conditions were most unfavourable during the nesting period of upland game birds, resulting in a decrease in their numbers. Given better conditions next season, a substantial increase in their numbers is anticipated.

The friendly spirit and co-operation existing between the British Columbia Police and Game Department in " D " Division has been maintained, and I wish to extend to all Provincial Police Officers my most sincere thanks for their support at all times so freely given.

To the members of all Game Clubs in " D " Division I also wish to convey the most sincere thanks and appreciation of all members of the Game Department for the support extended, at all times, in the execution of their numerous duties.

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

Information secured from reports of Game Wardens covering game conditions in " E " Game Division for the year ended December 31st, 1943.

Game Animals.

Bear.—Black bear are increasing in numbers and are a constant source of complaint as to their being responsible for damage to property and domestic stock. Grizzly bear are to be found in fair numbers in the Division, especially at the heads of the various inlets along the Mainland Coast.

Deer.—Coast or Columbian deer have been observed in good numbers throughout most sections of the Division. In some portions, however, these animals, due to climatic conditions and the shortage of ammunition, have also been the source of complaint *re* damage to property and crops.

Mountain-goat.—Fair numbers of these animals are to be found at the heads of the various inlets along the Coast and in portions of the Lower Mainland sections of the Division. These animals, however, are not hunted to any great extent.

Wapiti (Elk).—Wapiti liberated at McNab Creek, Howe Sound, are reported as slightly increasing in number.

Fur-bearing Animals.

Muskrats, mink, marten, racoon, and weasel are fairly plentiful, but in some sections muskrats have been trapped heavily due, undoubtedly, to the favourable price obtainable for the pelt of this animal on the fur market. These remarks apply especially to the Pitt Meadows district.

Owing to the Lower Mainland Coast being trapped extensively, beaver are now only to be found in remote sections of the Division.

Excellent work has been accomplished by the Game Wardens in charge of the Mission and Chilliwack districts in ridding these areas of red foxes. Foxes cannot be classed as other than predators in the Fraser Valley farming district.

Upland Game Birds.

Grouse.—Blue and ruffed grouse would seem to be increasing in some portions of the Division, while in other portions this is not the case. Near settled areas these birds are fast disappearing and there would seem to be no way in which this situation can be remedied.

Pheasants.—Severe cold weather in the Sumas Prairie, Chilliwack, and Mission districts took a very heavy toll, and the supply of pheasants can only be increased in these districts by carrying out considerable artificial propagation work in the release of a greater number of farm-raised birds. In the Delta district some damage was caused to nesting pheasants through anti-aircraft firing being carried on during the breeding season. This condition not only applied to nesting game birds but to nesting domestic birds as well.

California Quail.—Small numbers of these birds are to be found in the Pitt Meadows, Matsqui, and Powell River areas, but only appear in numbers sufficient to warrant a short open hunting season in the Delta Municipality.

European Partridge.—These birds are to be found in the Delta Municipality and in some of the neighbouring districts, but not in sufficient numbers to permit even a short open hunting season.

Migratory Game Birds.

In late October and early November, ducks were fairly plentiful in the interior sections of the Lower Mainland, but as soon as cold weather set in these birds moved out to the tidal foreshore or migrated south. In the latter part of December, ducks were very plentiful along the tidal foreshore in the Delta, Lulu, and Sea Islands areas, and for a limited time hunters were able to obtain some fair shooting.

Canada geese were in good numbers in the Pitt Lake district, but owing to ammunition shortage and the necessity of using a gas-boat to get into this area very few of these birds were shot.

Wilson's or jack snipe have been as plentiful as in former years. Swans were resident in the district in some numbers during the course of their migration, while band-tailed pigeons have not been as plentiful as in previous years.

Vermin.

During the year complaints covering depredations by cougar increased, which would seem to indicate that these animals have been more plentiful than in any previous year. Four cougars were killed through the use of departmental trained dogs in the Coquitlam district. Wolves at the head of Pitt Lake, according to reports, seem to have more or less moved out of that district.

Domestic cats have again been the source of considerable damage to game and insectivorous birds. Many of these animals have been allowed by their owners to roam at large and it is not very long before they become very wild. Red foxes throughout the Lower Mainland, especially in the Chilliwack, Sumas Prairie, Mission, Surrey, and Delta districts, have been most destructive to game and domestic birds. The Game Wardens at Mission and Chilliwack have accounted for a fairly large number of red foxes. Bighorned and snowy owls, while observed throughout the Division at various times, have not been as plentiful as in former years.

Bobcats are reported as being quite plentiful and doing considerable damage to game birds in some sections of the Division. It is most difficult to control the increase of predators owing to the shortage of ammunition, which will not permit hunters going after these predators in the same manner as before the war.

Game-protection.

Frequent special and regular patrols have been carried out into remote portions of the Division and constant supervision has been carried out in the main portions of each Game Warden's district during the year.

Game Propagation.

As in past years, pheasants have been liberated in most sections of the Lower Mainland, but owing to the need of curtailing expenditures as well as the difficulty in obtaining farm-raised pheasants, not as many birds have been liberated. The vermin campaigns carried out by Game Wardens, assisted by members of Game Associations, have been responsible for improved game conditions.

Game Reserves.

The largest game reserve in the Division is the North Vancouver Game Reserve, and it, along with other smaller reserves and bird sanctuaries, has been carefully and fully patrolled throughout the year. Owing to existing conditions, the bird-banding operations previously carried on at the McGillivray Creek Game Reserve, near Chilliwack, have had to be discontinued.

Fur Trade.

A further reduction in the amount of fur royalties collected has been noted during the year. The stand of fur-bearing animals, however, with the possible exception of beaver and muskrats in some districts, has not diminished to any great extent.

Fur-farming.

There have been very few new fur-farmers started in the Division during the year, but those fur-farms that have been well established appear to be carrying on successfully, notwithstanding the effect of shortages of suitable food and the handicaps created through various war-time restrictions.

Registration of Trap-lines.

Registered trappers in the Division are still carrying out the true intent of the system of trap-line registration in that they are, in the majority of cases, farming the fur-bearing animals on their trap-lines.

Registration of Guides.

Only a few guides are registered in the Division in view of the fact that the Division cannot be considered as a big-game area.

Special Patrols.

Each Game Warden has constantly patrolled the district under his supervision and some special patrols have been undertaken into remote and sparsely settled sections of the Division with very excellent results.

Hunting Accidents.

There was one minor accident in the Pitt Meadows district and a fatal accident in the Mission area during the year.

Game-fish Culture.

As during the past five years, many lakes and streams on the Lower Mainland have been planted with artificially reared trout from the Stanley Park, Cultus Lake, and Smith Falls Hatcheries. In carrying out this annual programme of trout liberations reports indicate that sport-fishing conditions have been and are being greatly improved.

(Particulars of liberations during the year are to be found in the statistical section of this report.)

Summary and General Game Conditions.

The breeding season in the spring was, owing to continued wet and cold weather, very poor and this undoubtedly was responsible for the loss of a fairly large number of young game birds. In some sections, however, especially in the Mission district, pheasants were fairly plentiful.

Fishing was reported by all Game Wardens as being excellent.

Migratory game birds were fairly plentiful, but in some portions of the Division these birds did not remain long due to the scarcity of food and also unfavourable climatic conditions.

All Game Wardens are desirous of expressing their sincere appreciation of the assistance rendered to them during the year by members of the British Columbia Police Force, Game Associations, farmers, and sportsmen.

STATISTICAL STATEMENTS.

COMPARATIVE STATISTICS, 1913–43.

Calendar Year.	Prosecutions.					Revenue derived from Sale of Game Licences and Fees.	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	4,758.00	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
1934	477	454	23	4	5,227.82	149,955.11	47,102.81
1935	454	438	16	19	4,399.50	148,689.64	49,831.95
1936	451	436	15	14	3,965.00	157,647.30	52,196.50
1937	585	552	33	20	5,332.50	177,771.33	53,697.48
1938	613	574	39	42	5,729.50	192,024.07	44,963.87
1939	547	526	21	21	4,776.50	193,170.53	49,187.00
1940	440	419	21	18	5,197.00	188,605.20	68,466.33
1941	446	430	16	9	4,977.50	213,267.67	63,125.30
1942	409	392	17	27	5,079.50	205,451.71	68,475.07
1943	356	342	14	18	5,554.50	207,661.72	58,354.03
Totals	12,573	11,743	802	789	$174,524.07	$4,297,312.77	$1,225,416.57

Statement of Resident Firearms Licences and Deer-tags, January 1st to December 31st, 1943.

Government Agency.	O.F.L.		G.F.L.		Extra G.F.L.		S.F.L.		Extra S.F.L.		Duplicates.		Game-tags.		Farmers' O.F.L.		Total.
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	
Alberni	833	$2,499.00	9	$36.00	5	$60.00	72	$705.00			2	$1.00	941	$235.25	19	$38.00	$3,574.25
Ashcroft	116	348.00	34	204.00			1	10.00					57	14.25	34	68.00	644.25
Atlin	9	27.00	8	48.00			20	200.00									275.00
Clinton	82	246.00	95	445.00	2	24.00	134	1,294.00			2	1.00	129	32.25	30	60.00	2,102.25
Cranbrook	535	1,605.00	361	2,119.00	3	36.00	40	371.00			9	3.75	972	243.00	39	78.00	4,455.75
Cumberland	1,504	4,512.00	6	33.00	7	84.00	136	1,308.00	29	$72.50	10	4.25	2,000	500.00	51	102.00	6,615.75
Duncan	829	2,487.00	9	51.00	1	12.00	29	273.00			13	5.50	953	238.25	50	100.00	3,166.75
Fernie	261	783.00	146	870.00			55	541.00			11	3.75	558	139.50	31	62.00	2,399.25
Fort Fraser	181	541.00	161	947.00	4	48.00	171	1,617.00	9	22.50			149	37.25	108	216.00	3,428.75
Golden	70	210.00	83	495.00	1	12.00	50	494.00					203	50.75	36	72.00	1,333.75
Grand Forks	103	309.00	1	6.00	1	12.00							120	30.00	63	126.00	483.00
Greenwood	102	306.00					38	373.00			1	.50	174	43.50	69	138.00	861.00
Kamloops	801	2,403.00	144	812.00	2	24.00	143	1,403.00	1	2.50	11	4.25	1,078	269.50	298	596.00	5,514.25
Kaslo	48	144.00	8	48.00	2	24.00	15	150.00			1	.50	68	17.00	7	14.00	397.50
Kelowna	528	1,584.00	44	218.00	1	12.00	27	267.00			4	2.00	629	157.25	270	540.00	2,780.25
Lillooet	148	444.00	45	267.00			29	290.00					201	50.25	16	32.00	1,083.25
Merritt	128	384.00	6	36.00			15	140.00					106	26.50	41	82.00	668.50
Nanaimo	1,192	3,576.00	12	48.00	2	24.00	31	301.00			6	2.75	1,614	403.50	125	250.00	4,605.25
Nelson	626	1,878.00	52	281.00	5	60.00	104	1,034.00			11	4.25	705	176.25	243	486.00	3,919.50
New Denver	123	369.00	18	106.00			8	80.00			1	.25	144	36.00	72	144.00	735.25
New Westminster	2,717	8,151.00	342	1,892.00	5	60.00	199	1,860.00			11	5.25	1,797	449.25	1,197	2,394.00	14,811.50
Oliver	84	252.00	6	34.00									178	44.50	125	250.00	580.50
Penticton	508	1,524.00	31	163.00			27	238.00			8	3.50	711	177.75	331	662.00	2,768.25
Pouce Coupe	208	624.00	209	1,231.00	246	2,947.00	358	3,485.00	97	242.50	2	1.00	561	140.25	180	360.00	9,030.75
Powell River	237	711.00	12	72.00	1	12.00	37	364.00			1	.25	157	39.25	5	10.00	1,208.50
Prince George	423	1,268.00	261	1,518.00	11	132.00	247	2,424.00	3	7.50	2	1.00	280	70.00	81	162.00	5,582.50
Prince Rupert	668	2,004.00	105	624.00	46	552.00	188	1,871.00	11	27.50			826	206.50	9	18.00	5,303.00
Princeton	326	978.00	45	225.00	5	60.00	31	305.00			5	2.25	398	99.50	42	84.00	1,753.75
Quesnel	174	522.00	104	593.00	1	12.00	88	854.00					244	61.00	81	162.00	2,204.00
Revelstoke	124	372.00	45	258.00			44	440.00					70	17.50	10	20.00	1,107.50
Rossland	502	1,506.00	25	135.00	2	24.00	1	10.00			2	1.00	362	90.50	7	14.00	1,780.50
Salmon Arm	188	564.00	21	105.00			47	457.00			4	1.75	272	68.00	260	520.00	1,715.75
Smithers	169	507.00	99	572.00	2	24.00	54	540.00	33	82.50	3	1.50	109	27.25	28	56.00	1,810.25
Telegraph Creek	8	24.00	12	72.00	10	120.00	60	594.00									810.00
Vancouver	5,151	15,453.00	526	2,980.00	57	684.00	160	1,539.00			43	18.25	3,288	822.00	141	282.00	21,778.25
Vernon	790	2,370.00	42	208.00	1	12.00	35	334.00			4	2.00	908	227.00	444	888.00	4,041.00
Victoria	2,187	6,561.00	17	90.00	6	72.00	52	470.00			15	7.00	2,480	620.00	143	286.00	8,106.00
Williams Lake	163	489.00	111	633.00	1	12.00	185	1,787.00			5	2.50	321	80.25	92	184.00	3,187.75
Windermere	63	189.00	78	465.00	2	24.00	50	480.00			3	1.25	130	32.50	29	58.00	1,249.75
Totals	22,909	$68,724.00	3,333	$18,940.00	432	$5,179.00	2,981	$28,903.00	183	$457.50	190	$82.25	23,893	$5,973.25	4,807	$9,614.00	$137,873.00

Registered trap-line transfer fees—295	737.50
	$138,610.50
Less refunds	165.50
	$138,445.00

REVENUE DERIVED FROM SALE OF RESIDENT ANGLERS', GUIDES', FREE FARMERS', AND PROSPECTORS' FIREARMS LICENCES, JANUARY 1ST TO DECEMBER 31ST, 1943.

Government Agency.	Anglers.		Guides.		Free Farmers.	Prospectors.		Total.
	No.	Amount.	No.	Amount.	No.	No.	Amount.	
Alberni	767	$767.00	.....	.....	8	6	$2.00	$769.00
Ashcroft	153	153.00	.....	.....	9	10	1.00	154.00
Atlin	.....	.....	.....	.....	.....	10	.....	.....
Clinton	190	190.00	61	$305.00	8	1	.....	495.00
Cranbrook	1,386	1,386.00	2	10.00	35	24	2.00	1,398.00
Cumberland	961	961.00	.....	.....	63	.....	.....	961.00
Duncan	809	809.00	.....	.....	97	2	.....	809.00
Fernie	730	730.00	3	15.00	9	.....	.....	745.00
Fort Fraser	.....	.....	4	20.00	19	31	.....	20.00
Golden	102	102.00	12	60.00	27	3	.....	162.00
Grand Forks	180	180.00	.....	.....	26	10	.....	180.00
Greenwood	176	176.00	10	50.00	56	11	.....	226.00
Kamloops	1,342	1,342.00	12	60.00	159	19	1.00	1,403.00
Kaslo	181	181.00	.....	.....	8	8	.....	181.00
Kelowna	1,057	1,057.00	.....	.....	84	4	2.00	1,059.00
Lillooet	142	142.00	2	10.00	9	34	1.00	153.00
Merritt	213	213.00	.....	.....	15	.....	.....	213.00
Nanaimo	1,078	1,078.00	.....	.....	41	1	.....	1,078.00
Nelson	1,802	1,802.00	1	5.00	76	41	3.00	1,810.00
New Denver	355	355.00	.....	.....	21	8	.....	351.00
New Westminster	3,700	3,700.00	.....	.....	279	21	3.00	3,703.00
Oliver	198	198.00	.....	.....	15	5	.....	198.00
Penticton	1,069	1,069.00	.....	.....	35	5	.....	1,069.00
Pouce Coupe	.....	.....	9	45.00	57	11	.....	45.00
Powell River	555	555.00	.....	.....	14	2	.....	555.00
Prince George	2	2.00	4	20.00	78	36	8.00	30.00
Prince Rupert	.....	.....	.....	.....	9	25	3.00	3.00
Princeton	585	585.00	.....	.....	3	32	.....	585.00
Quesnel	6	6.00	9	45.00	46	46	3.00	54.00
Revelstoke	250	250.00	1	5.00	9	9	.....	255.00
Rossland	1,215	1,215.00	.....	.....	1	27	.....	1,215.00
Salmon Arm	334	334.00	1	5.00	187	.....	.....	339.00
Smithers	.....	.....	.....	.....	33	11	.....	.....
Telegraph Creek	.....	.....	3	15.00	.....	15	.....	15.00
Vancouver	4,910	4,910.00	2	10.00	42	72	6.00	4,926.00
Vernon	1,281	1,281.00	.....	.....	197	27	1.00	1,282.00
Victoria	1,468	1,468.00	.....	.....	114	12	.....	1,468.00
Williams Lake	44	44.00	14	70.00	31	10	1.00	115.00
Windermere	266	266.00	11	55.00	15	.....	.....	321.00
Totals	27,507	$27,507.00	161	$805.00	1,935	589	$37.00	$28,349.00

Revenue derived from Sale of Non-resident Firearms and Anglers' and Outfitters' Licences, January 1st to December 31st, 1943.

Government Agency.	General Firearms and Anglers' Licences.		General Firearms and Anglers' Licences (Alternative).		General Firearms and Anglers' Licences (Special).		Anglers' Licences.				Outfitters' Licences.		Total.
							Daily.		Seasonal.				
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	
Alberni	.....	.....	.....	.....	.....	.....	5	$8.00	.....	.....	.....	.....	$8.00
Ashcroft	.....	.....	.....	.....	.....	.....	3	3.00	6	$30.00	.....	.....	33.00
Clinton	3	$75.00	.....	.....	.....	.....	10	16.00	15	75.00	.....	.....	166.00
Cranbrook	7	175.00	.....	.....	1	$15.00	64	77.00	14	70.00	.....	.....	337.00
Cumberland	2	50.00	.....	.....	1	15.00	39	54.00	30	150.00	.....	.....	269.00
Duncan	.....	.....	.....	.....	.....	.....	7	10.00	5	25.00	.....	.....	35.00
Fernie	7	175.00	.....	.....	.....	.....	357	427.00	157	785.00	.....	.....	1,387.00
Fort Fraser	1	25.00	.....	.....	.....	.....	3	7.00	5	25.00	.....	.....	57.00
Golden	7	175.00	.....	.....	.....	.....	15	15.00	4	20.00	.....	.....	210.00
Grand Forks	.....	.....	.....	.....	.....	.....	70	88.00	44	220.00	.....	.....	308.00
Greenwood	19	475.00	.....	.....	.....	.....	44	87.00	24	120.00	.....	.....	682.00
Kamloops	2	50.00	.....	.....	.....	.....	45	76.00	77	385.00	.....	.....	511.00
Kaslo	.....	.....	.....	.....	.....	.....	16	24.00	19	95.00	.....	.....	119.00
Kelowna	4	100.00	.....	.....	.....	.....	322	689.00	328	1,640.00	.....	.....	2,429.00
Lillooet	1	25.00	.....	.....	.....	.....	1	2.00	.....	.....	.....	.....	27.00
Merritt	.....	.....	.....	.....	.....	.....	5	10.00	9	45.00	.....	.....	55.00
Nanaimo	3	75.00	.....	.....	.....	.....	31	39.00	10	50.00	.....	.....	164.00
Nelson	8	200.00	.....	.....	.....	.....	292	448.00	109	534.00	.....	.....	1,182.00
New Denver	.....	.....	.....	.....	.....	.....	7	10.00	1	5.00	.....	.....	15.00
New Westminster	361	9,020.00	11	$525.00	.....	.....	562	1,126.00	751	3,755.00	.....	.....	14,426.00
Oliver	19	475.00	.....	.....	.....	.....	82	130.00	29	145.00	.....	.....	750.00
Penticton	.....	.....	.....	.....	.....	.....	40	71.00	38	190.00	.....	.....	261.00
Pouce Coupe	17	415.00	.....	.....	2	30.00	48	218.00	54	266.00	1	$50.00	979.00
Powell River	.....	.....	.....	.....	.....	.....	13	26.00	.....	.....	.....	.....	26.00
Prince George	7	175.00	.....	.....	4	60.00	3	6.00	5	25.00	.....	.....	266.00
Prince Rupert	10	250.00	.....	.....	.....	.....	.....	.....	3	15.00	.....	.....	265.00
Princeton	1	25.00	.....	.....	.....	.....	5	6.00	4	20.00	.....	.....	51.00
Quesnel	2	50.00	.....	.....	.....	.....	1	1.00	1	5.00	.....	.....	56.00
Revelstoke	.....	.....	.....	.....	.....	.....	3	3.00	1	5.00	.....	.....	8.00
Rossland	.....	.....	.....	.....	.....	.....	4	6.00	.....	.....	.....	.....	6.00
Salmon Arm	.....	.....	2	50.00	.....	.....	10	18.00	5	21.00	.....	.....	89.00
Smithers	.....	.....	.....	.....	.....	.....	.....	.....	1	5.00	.....	.....	5.00
Telegraph Creek	1	25.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25.00
Vancouver	51	1,260.00	.....	.....	3	45.00	23	42.00	55	275.00	1	50.00	1,672.00
Vernon	1	20.00	.....	.....	.....	.....	16	24.00	9	45.00	.....	.....	89.00
Victoria	1	25.00	.....	.....	.....	.....	16	26.00	14	70.00	.....	.....	121.00
Williams Lake	.....	.....	.....	.....	.....	.....	.....	.....	3	15.00	.....	.....	15.00
Windermere	10	250.00	.....	.....	2	30.00	201	214.00	44	220.00	1	50.00	764.00
Totals	545	$13,590.00	13	$575.00	13	$195.00	2,363	$4,007.00	1,874	$9,351.00	3	$150.00	$27,868.00

STATEMENT OF NON-RESIDENT ORDINARY FIREARMS LICENCES AND ANGLERS' LICENCES (MINORS), JANUARY 1ST TO DECEMBER 31ST, 1943.

Government Agency.	Non-resident Ordinary Firearms Licences.		Anglers' Licences (Minors).		Total.
	No.	Amount.	No.	Amount.	
Cranbrook	----	----------	1	$1.00	$1.00
Cumberland	----	----------	3	3.00	3.00
Duncan	----	----------	1	1.00	1.00
Fernie	----	----------	31	31.00	31.00
Fort Fraser	----	----------	1	1.00	1.00
Golden	1	$3.00	-------	----------	3.00
Grand Forks	----	----------	9	9.00	9.00
Kamloops	1	3.00	3	3.00	6.00
Kelowna	----	----------	44	44.00	44.00
Nelson	----	----------	13	13.00	13.00
New Westminster	----	----------	51	51.00	51.00
Oliver	----	----------	3	3.00	3.00
Penticton	2	6.00	4	4.00	10.00
Pouce Coupe	1	3.00	-------	----------	3.00
Salmon Arm	1	3.00	-------	----------	3.00
Vancouver	11	33.00	3	3.00	36.00
Victoria	1	3.00	1	1.00	4.00
Windermere	----	----------	20	20.00	20.00
Totals	18	$54.00	188	$188.00	$242.00

Revenue derived from Sale of Fur-traders', Taxidermists', and Tanners' Licences and Royalty on Fur, January 1st to December 31st, 1943.

Government Agency.	Resident Fur-traders' Licences.		Agent for Non-resident Fur-traders' Licences.		Royalty or Tax on Furs.		Taxidermists' Licences.		Tanners' Licences.		Total.
	No.	Amt.	No.	Amt.	No.	Amt.	No.	Amt.	No.	Amt.	
Alberni	2	$50.00	----	----	----	----	----	----	----	----	$50.00
Ashcroft	1	25.00	----	----	----	----	----	----	----	----	25.00
Atlin	2	50.00	----	----	4	$16.30	----	----	----	----	66.30
Clinton	3	75.00	----	----	1	.40	----	----	----	----	75.40
Cranbrook	1	25.00	----	----	1	.80	1	$2.00	----	----	27.80
Cumberland	----	----	----	----	8	73.90	----	----	----	----	73.90
Duncan	----	----	----	----	2	74.30	----	----	----	----	74.30
Fernie	----	----	----	----	8	39.95	----	----	----	----	39.95
Fort Fraser	22	550.00	----	----	87	1,969.38	----	----	----	----	2,519.38
Golden	1	25.00	----	----	9	44.12	----	----	----	----	69.12
Kamloops	5	125.00	----	----	14	111.18	1	2.00	1	$2.00	240.18
Kaslo	----	----	----	----	1	.75	----	----	----	----	.75
Kelowna	----	----	----	----	5	75.00	----	----	----	----	75.00
Lillooet	1	25.00	----	----	----	----	----	----	----	----	25.00
Merritt	2	50.00	----	----	8	44.50	----	----	----	----	94.50
Nanaimo	----	----	----	----	2	1.20	----	----	----	----	1.20
Nelson	3	75.00	----	----	12	22.55	1	2.00	----	----	99.55
New Westminster	----	----	----	----	14	46.00	----	----	----	----	46.00
Oliver	1	25.00	----	----	----	----	----	----	----	----	25.00
Penticton	2	50.00	----	----	1	6.30	----	----	----	----	56.30
Pouce Coupe	30	750.00	3	$600.00	592	10,674.55	2	4.00	----	----	12,028.55
Powell River	----	----	----	----	1	4.00	----	----	----	----	4.00
Prince George	9	225.00	----	----	102	3,166.69	----	----	----	----	3,391.69
Prince Rupert	12	300.00	----	----	21	995.79	----	----	----	----	1,295.79
Princeton	----	----	----	----	2	22.25	----	----	----	----	22.25
Quesnel	14	350.00	----	----	7	287.41	----	----	----	----	637.41
Rossland	----	----	----	----	24	19.12	----	----	----	----	19.12
Salmon Arm	----	----	----	----	4	35.50	----	----	----	----	35.50
Smithers	9	225.00	----	----	23	1,856.07	----	----	----	----	2,081.07
Telegraph Creek	4	100.00	----	----	32	1,372.52	----	----	----	----	1,472.52
Vancouver	56	1,400.00	2	400.00	411	30,820.16	7	14.00	----	----	32,634.16
Vernon	4	100.00	----	----	8	22.60	1	2.00	----	----	124.60
Victoria	1	25.00	----	----	66	258.10	2	4.00	----	----	287.10
Williams Lake	22	550.00	----	----	5	51.45	----	----	----	----	601.45
Windermere	1	25.00	----	----	3	9.19	----	----	----	----	34.19
Totals	208	$5,200.00	5	$1,000.00	1,468	$52,122.03	15	$30.00	1	$2.00	$58,354.03

TOTAL COLLECTIONS FROM FUR TRADE, 1921 TO 1943, INCLUSIVE.

Year.	Fur Royalty or Tax.	Fur-traders', Tanners', and Taxidermists' 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
1934	42,697.81	4,405.00	47,102.81
1935	44,986.95	4,845.00	49,831.95
1936	46,186.50	6,010.00	52,196.50
1937	47,257.48	6,440.00	53,697.48
1938	39,423.87	5,540.00	44,963.87
1939	44,238.00	4,949.00	49,187.00
1940	62,745.33	5,721.00	68,466.33
1941	56,755.30	6,370.00	63,125.30
1942	63,176.07	5,299.00	68,475.07
1943	52,122.03	6,232.00	58,354.03
Totals	$1,108,309.18	$137,286.00	$1,245,595.18

Comparative Statement showing Pelts of Fur-bearing Animals on which Royalty has been collected during the Period 1922 to 1943, inclusive.

Calendar Year.	Number and Kind of Pelts on which Royalty has been collected.																		Amount of Royalty collected.
	Bear.	Badger.	Beaver.	Fisher.	Fox, Silver.	Fox, Cross.	Fox, Red.	Fox, Blue (Farmed).	Lynx.	Marten.	Mink.	Muskrat.	Otter.	Racoon.	Skunk.	Squirrel.	Weasel.	Wolverine.	
1922	2,127	.....	26,359	536	88	356	443	.....	1,855	12,181	18,932	139,232	915	6,069	715	.....	24,603	298	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	60,594.18
1924	1,339	.....	24,619	627	210	920	1,281	.....	4,830	11,780	20,201	91,599	769	4,595	681	.....	29,878	251	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	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	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	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	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	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	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	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	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	39,592.48
1934	254	.....	10,826	709	2,769	1,249	1,532	232	3,543	9,747	21,408	127,111	770	2,419	562	.....	43,666	207	42,697.81
1935	118	.....	13,593	721	2,696	1,698	2,413	287	3,661	8,979	21,453	107,339	573	1,983	353	.....	34,910	227	44,986.95
1936	141	.....	14,269	760	2,910	2,165	2,662	336	3,507	10,071	20,362	91,591	754	2,856	408	.....	36,307	267	46,186.50
1937	472	.....	15,932	676	3,693	1,626	1,827	530	2,751	9,849	18,030	70,166	824	2,972	391	.....	48,043	279	47,257.48
1938	405	.....	15,291	502	3,016	672	840	560	1,582	8,461	20,146	76,516	596	2,278	475	.....	44,159	215	39,423.87
1939	456	.....	18,748	538	3,312	552	628	472	1,125	9,038	27,579	85,553	667	2,107	329	62,797	50,197	191	44,238.00
1940	200	.....	20,652	558	2,772	605	733	553	1,226	9,678	37,986	117,506	749	1,798	424	589,355	71,580	213	62,745.33
1941	94	.....	21,107	585	2,144	597	863	265	1,295	9,200	20,675	116,722	706	2,648	313	400,938	32,949	246	56,755.30
1942	92	44	18,266	1,289	2,351	1,083	1,447	354	1,373	8,351	43,424	89,759	485	2,125	477	672,415	57,299	196	63,176.07
1943	151	28	17,257	446	2,130	1,696	2,612	274	1,520	6,540	30,408	93,931	417	3,170	321	475,859	32,114	128	58,354.03
Totals	16,998	72	405,332	15,373	33,853	23,750	29,797	4,307	65,557	212,677	449,141	2,015,497	16,488	83,610	13,366	2,201,364	939,214	5,808	$1,089,945.38

PARTICULARS OF VARIOUS PELTS OF FUR-BEARING ANIMALS ON WHICH ROYALTY HAS BEEN PAID, JANUARY 1ST TO DECEMBER 31ST, 1943.

Government Agency.	Number and Kind of Pelts.																	
	Badger.	Bear.	Beaver.	Fisher.	Fox, Silver.	Fox, Cross.	Fox, Red.	Fox, Blue (Farmed).	Lynx.	Marten.	Mink.	Muskrat.	Otter.	Racoon.	Skunk.	Squirrel.	Weasel.	Wolverine.
Atlin	------	4	4	------	------	------	1	------	1	------	56	3	------	------	------	------	13	2
Clinton	------	1	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
Cranbrook	------	2	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
Cumberland	------	------	------	------	------	------	------	------	------	------	738	2	------	------	------	------	------	------
Duncan	------	------	------	------	------	------	------	254	------	------	108	------	------	------	------	------	------	------
Fernie	------	3	3	------	------	------	1	------	------	33	1	------	------	------	------	------	15	2
Fort Fraser	------	2	608	29	78	163	124	------	38	106	1,689	2,146	20	------	14	17,214	1,652	1
Golden	------	------	10	------	9	------	------	1	------	------	141	322	------	------	------	6	17	------
Kamloops	------	------	19	13	2	4	3	------	3	25	104	6	------	------	2	599	178	------
Kaslo	------	------	------	------	------	------	1	------	------	------	------	------	------	------	------	------	------	------
Kelowna	------	------	------	------	284	------	------	------	------	------	40	------	------	------	------	------	------	------
Merritt	------	------	1	------	171	------	------	------	------	------	3	------	------	------	------	------	------	------
Nanaimo	------	------	------	------	------	------	------	------	------	------	12	------	------	------	------	------	------	------
Nelson	------	1	------	------	66	------	------	------	------	------	53	------	------	------	------	------	1	------
New Westminster	------	------	------	------	72	------	5	------	------	------	205	75	------	------	------	------	------	------
Penticton	------	------	------	------	------	------	------	------	------	------	63	------	------	------	------	------	------	------
Pouce Coupe	------	44	4,914	46	110	817	1,455	------	666	708	1,869	6,165	18	------	12	55,775	3,705	2
Powell River	------	------	------	------	15	1	------	------	------	------	------	------	------	------	------	------	------	------
Prince George	------	12	1,494	79	86	101	107	11	145	428	886	2,205	9	------	11	17,842	1,402	37
Prince Rupert	------	1	422	4	2	3	2	------	------	373	623	62	19	------	1	82	86	3
Princeton	------	------	------	------	89	------	------	------	------	------	------	------	------	------	------	------	------	------
Quesnel	------	------	------	------	------	2	1	------	1	27	9	267	------	------	4	11,683	125	------
Rossland	------	1	13	------	------	------	2	------	------	------	9	36	------	------	------	21	4	------
Salmon Arm	------	------	------	------	------	------	------	------	------	------	355	------	------	------	------	------	------	------
Smithers	------	------	329	47	15	48	36	------	20	436	322	1,324	10	------	49	26,776	3,792	6
Telegraph Creek	------	3	859	19	5	5	15	------	53	216	256	827	14	------	------	2,256	537	21
Vancouver	28	52	8,580	209	991	547	858	1	593	4,138	20,594	80,425	327	3,146	227	343,598	20,583	54
Vernon	------	2	------	------	81	------	------	------	------	------	11	1	------	------	1	------	------	------
Victoria	------	20	------	------	47	5	------	------	------	2	2,237	2	------	24	------	------	------	------
Williams Lake	------	3	1	------	------	------	1	------	------	48	2	------	------	------	------	------	------	------
Windermere	------	------	------	------	7	------	------	7	------	------	22	63	------	------	------	7	4	------
Totals	28	151	17,257	446	2,130	1,696	2,612	274	1,520	6,540	30,408	93,931	417	3,170	321	475,859	32,114	128

List of Fur confiscated under "Game Act," January 1st to December 31st, 1943.

Date of Confiscation.	Confiscated from.	Confiscated at.	Kind of Fur confiscated.											
			Coyote.	Fox, Silver.	Fox, Cross.	Fisher.	Lynx.	Marten.	Mink.	Muskrat.	Racoon.	Skunk.	Weasel.	Squirrel.
Feb. 22	Powell, Mrs.	Burns Lake	----	----	----	----	----	----	----	1	----	----	----	----
,, 27	Klein, Charles	Vananda	----	----	----	----	----	----	----	1	----	1	----	----
Mar. 24	Sobotka, F.	Goldbridge	----	----	----	----	----	----	----	----	----	----	----	6
Apr. 19	Titmus, Herbert	Sardis	----	----	----	----	----	----	----	----	1	----	----	----
May 1	Gamble, Wilbur	Duncan	----	----	----	----	----	----	----	2	----	----	----	----
,, 3	Drinkell, Alfred J.	Dog Creek	----	----	----	----	----	----	----	----	----	----	----	277
,, 11	Monroe, Mrs. Everett	McBride	2	----	1	1	----	----	----	----	----	----	14	42
,, 15	Wise, Charles	Lower Flathead	----	----	----	----	----	4	----	----	----	----	----	----
,, 19	Fellers, George	Fellers Heights	----	----	----	----	----	----	----	8	----	----	----	----
,, 20	Simutka, John	Likely	----	----	----	----	1	----	----	----	----	----	1	11
,, 28	Tegart, Hiram	Brisco	----	----	----	----	----	----	----	10	----	----	----	----
June 29	Larson, O. A.	Rutland	----	----	----	----	----	----	----	4	----	----	----	----
July 9	Kirk, John L. V.	R.C.N.V.R.	----	----	----	----	----	----	3	----	----	----	----	----
,, 30	Brisson, Arger	Vernon	----	----	----	----	----	----	----	12	----	----	----	----
Oct. 5	Wlasuk, William	Vernon	----	----	----	----	----	----	----	----	----	----	----	12
Nov. 25	Swansky, Thomas	Alert Bay	----	----	----	----	----	----	2	----	5	----	----	----
Dec. 1	Lubin, A.	Kamloops	----	1	----	----	----	----	----	----	----	----	----	----
,, 14	Cook, Ernest F.	Burnaby	----	----	----	----	----	----	1	----	----	----	----	----
	Totals		2	1	1	1	1	4	6	37	6	1	15	348

Note.—The sum of $536.82 was received in 1943 from the sale of confiscated fur.

List of Firearms confiscated under "Game Act," January 1st to December 31st, 1943.

Date of Confiscation.	Confiscated from.	Confiscated at.	Kind of Firearms confiscated.	
			Rifles.	Shotguns.
Jan. 27	Hendrickson, M.	Wellington	1	----
Feb. 15	Conners, Lloyd R.	Steveston	1	----
,, 15	Graham, Donald	Burnaby	1	----
Mar. 2	Seymour, Abraham	Duncan	1	----
,, 4	Warnboldt, John	Port Coquitlam	1	----
,, 5	Creelman, John T.	Patricia Bay	1	----
,, 13	Gresko, Victor	Vancouver	1	----
Apr. 8	Barnes, Robert	Port Alberni	----	1
,, 8	Chipman, Arthur	Port Alberni	1	----
,, 8	Corbett, Ellis	Port Alberni	1	----
,, 8	Barnum, W. G.	Port Alberni	----	1
,, 8	Bodaly, V. S.	Port Alberni	1	----
,, 8	Forsberg, George	Port Alberni	1	----
May 19	Ritchie, G.	Vancouver	----	1
July 21	McCulloch, A. G.	Port Alberni	1	----
Aug. 27	Bondor, Bruce	Wellington	----	1
Sept. 16	Rasmussen, Martin	Brisco	1	----
Oct. 27	White, George	Nanaimo	----	1
	Totals		13	5

Note.—The sum of $103.50 was received in 1943 from the sale of confiscated firearms.

Bounties paid during the Year ended December 31st, 1943.

Government Agency.	Coyotes.	Wolves.	Cougars.	Total.
Alberni	------	1	6	$100.00
Atlin	------	26	------	260.00
Clinton	61	4	2	192.00
Cranbrook	175	------	1	365.00
Cumberland	------	------	13	195.00
Duncan	------	------	17	255.00
Fernie	16	------	11	197.00
Fort Fraser	91	97	------	1,152.00
Golden	11	------	4	82.00
Grand Forks	2	------	------	4.00
Greenwood	18	------	2	66.00
Kamloops	115	6	17	545.00
Kaslo	4	------	------	8.00
Kelowna	57	------	------	114.00
Lillooet	16	2	2	82.00
Merritt	20	------	7	145.00
Nanaimo	------	2	8	140.00
Nelson	22	------	10	194.00
New Westminster	------	1	9	145.00
Penticton	61	------	1	137.00
Pouce Coupe	3	130	9	1,441.00
Powell River	------	------	6	90.00
Prince George	37	342	16	3,734.00
Prince Rupert	3	54	6	636.00
Princeton	16	------	------	32.00
Quesnel	47	64	26	1,124.00
Revelstoke	1	------	1	17.00
Rossland	1	------	------	2.00
Smithers	28	20	4	316.00
Stewart	------	1	------	10.00
Salmon Arm	12	1	2	64.00
Telegraph Creek	2	184	------	1,844.00
Vancouver	2	5	42	684.00
Vernon	51	------	15	327.00
Williams Lake	291	77	16	1,592.00
Windermere	58	------	12	296.00
Totals	1,221	1,017	265	$16,587.00

Comparative Statement of Bounties paid from 1922 to 1943.

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
1934	221	572	------	------	------	------	------	6,825.00
1935	561	430	1,877	------	------	------	------	12,374.00
1936	837	599	1,950	------	------	------	------	20,350.00
1937	828	423	1,400	------	------	------	------	19,540.00
1938	915	384	2,094	------	------	------	------	21,018.00
1939	1,159	366	1,971	------	------	------	------	26,399.00
1940	1,659	285	2,038	------	------	------	------	23,131.00
1941	1,002	196	1,924	------	------	------	------	16,868.00
1942	1,039	261	1,546	------	------	------	------	17,397.00
1943	1,017	265	1,221	------	------	------	------	16,587.00
Totals	12,355	8,015	75,474	69,431	8,230	7,204	20,615	$584,396.80

Big-game Trophy Fees paid by Non-residents, January 1st to December 31st, 1943.

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Moose.	Mountain-sheep.	Wapiti (Elk).	
Ashcroft—										
Carslay, Tom, Seattle, Wash.	----	----	----	----	----	----	1	----	----	$25.00
Clinton—										
Anderson, Carl, Arlington, Wash.	----	----	----	----	----	----	1	----	----	25.00
Bancroft, E., Everett, Wash.	----	----	----	----	----	----	1	----	----	25.00
Brown, T. C., Bremerton, Wash.	----	----	----	1	----	----	1	----	----	40.00
Cannon, W. B., Sedro Woolley, Wash.	----	----	----	1	----	----	1	----	----	40.00
Coley, J. H., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Corliss, Forrest, Port Orchard, Wash.	----	----	----	1	----	----	1	----	----	40.00
Day, Walter F., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Degarimore, E. V., Bremerton, Wash.	----	----	----	----	----	----	1	----	----	25.00
Dightman, C., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Fry, Arthur A., Markham, Wash.	----	----	----	1	----	----	1	----	----	40.00
Fry, Herbert, Tacoma, Wash.	----	----	----	2	----	----	1	----	----	55.00
Gaeth, Chris T., Everett, Wash.	----	----	----	----	----	----	1	----	----	25.00
Graham, E., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Hahn, E. A., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Hamilton, D. L., Stanwood, Wash.	----	----	----	1	----	----	1	----	----	40.00
Hancock, Dr. V. K., Seattle, Wash.	----	----	----	1	----	----	1	----	----	40.00
Hilket, A. W., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Johnson, C. E., Sedro Woolley, Wash.	----	----	----	2	----	----	----	----	----	30.00
Knott, Dr. E. K., Seattle, Wash.	----	----	----	2	----	----	1	----	----	55.00
Krebs, Oliver, Anacortes, Wash.	----	----	----	----	----	----	1	----	----	25.00
Lidrall, J. F., Seattle, Wash.	----	----	----	2	----	----	1	1	----	80.00
McAvelia, Dr. M. T., Mount Vernon, Wash.	----	----	----	1	----	----	----	----	----	15.00
Martin, J., Bellingham, Wash.	----	----	----	----	----	----	1	----	----	25.00
Merkley, E. W., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Nix, F. E., Issaquah, Wash.	----	----	----	----	----	----	1	----	----	25.00
Power, J. W., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Pratt, Dr. F. H., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Pride, Wallace, Everson, Wash.	----	----	----	----	----	----	1	----	----	25.00
Rea, William M., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Say, Jack, Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Schultz, H. H., Yakima, Wash.	----	----	----	----	----	----	1	----	----	25.00
Seaman, J. M., Mount Vernon, Wash.	----	----	----	1	----	----	----	----	----	15.00
Sloan, E. F., Yakima, Wash.	----	----	----	----	----	----	1	----	----	25.00
Steele, John E., Seattle, Wash.	----	----	----	1	----	----	1	----	----	40.00
Templeton, Dr. L. C., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Van Zanten, G. J. V., Lynden, Wash.	----	----	----	1	----	----	1	----	----	40.00
Walsh, H. E., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Walters, August, Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Walter, P. H., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Wightman, Dr. R., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Zwyns, Leonard, Lynden, Wash.	----	----	----	1	----	----	1	----	----	40.00
Cranbrook—										
Abraham, F., Saskatchewan	----	----	----	1	----	----	----	----	----	15.00
Dahl, E. O. B., Brooklyn, N.Y.	----	----	----	----	----	----	1	----	----	25.00
Miller, W. J., Corvallis, Ore.	1	1	----	----	----	2	----	----	1	95.00
Miller, R. C., Philomath, Ore.	----	1	----	----	----	2	----	1	1	95.00
Fernie—										
Bossic, John M., Seattle, Wash.	----	----	----	2	----	----	----	----	1	55.00
Callison, I. P., Union, Wash.	----	----	----	----	----	----	----	----	1	25.00
Coleman, Mrs. W. F., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Green, Carl L., Bloomington, Ill.	----	----	----	----	----	----	----	1	----	25.00
Hausmann, E., Havana, Cuba	----	----	----	1	----	----	----	----	1	40.00
Nare, R. A., Lake Burion, Wash.	----	----	----	1	----	----	1	----	1	65.00

BIG-GAME TROPHY FEES PAID BY NON-RESIDENTS, JANUARY 1ST TO DECEMBER 31ST, 1943—*Continued.*

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Moose.	Mountain-sheep.	Wapiti (Elk).	
Golden—										
Brewer, W. H., Detroit, Mich.	----	----	----	----	----	----	----	----	1	$25.00
Fallon, G. F., Deer Park, Wash.	----	----	----	1	----	----	1	----	----	40.00
Genman, E. L., Palo Alto, Calif.	----	1	----	----	----	----	----	----	----	15.00
Hereveld, John, Banff, Alta.	----	3	----	----	----	----	----	----	----	45.00
Leuthold, G. H., Deer Park, Wash.	----	----	----	1	----	----	----	----	----	15.00
Leuthold, W. M., Deer Park, Wash.	----	----	----	----	----	----	1	----	----	25.00
Reichold, H., Detroit, Mich.	----	1	----	----	----	----	----	----	1	40.00
Grand Forks—										
Connelly, R. A. M., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Kamloops—										
Holliday, W. J., Hammond, Ind.	1	1	1	----	----	----	----	----	----	65.00
O'Connor, Jack, Tucson, Ariz.	----	1	1	----	----	----	----	1	----	65.00
Kingery, Dr. L., Portland, Ore.	1	1	1	----	----	1	----	----	----	80.00
Higby, R. C., Big Moose, N.Y.	----	----	----	1	----	1	----	----	----	30.00
Lillooet—										
Bleakney, Dr. G. M., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Nelson, S. (Sr.), Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Nelson, S. (Jr.), Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Thompson, Robert, Centralia, Wash.	----	----	----	1	----	1	----	----	----	30.00
New Westminster—										
Anderson, F. S., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Anderson, Lee M., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Anderson, O. A., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Alspaugh, E. M. and M. W., Bremerton, Wash.	----	----	----	----	----	----	2	----	----	50.00
Ashley, George, Seattle, Wash.	----	----	----	2	----	----	1	----	----	55.00
Bauer, Herman, Paulsbo, Wash.	----	----	----	2	----	----	1	----	----	55.00
Bauer, M., Kent, Wash.	----	----	----	----	----	----	1	----	----	25.00
Belknap, W. W., Port Orchard, Wash.	----	----	----	1	----	----	----	----	----	15.00
Bellinger, Bert, Lebanon, Ore.	1	2	----	1	----	----	1	----	----	95.00
Benton, John A., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Birkland, Thos. A., Tacoma, Wash.	----	----	----	----	----	----	1	----	----	25.00
Birkland, Walter, Tacoma, Wash.	----	----	----	1	----	----	----	----	----	15.00
Bishop, John, Sumas, Wash.	----	----	----	----	----	----	1	----	----	25.00
Bishop, Tom, Sumas, Wash.	----	----	----	----	----	----	1	----	----	25.00
Blocker, Vernon, Mineral, Wash.	----	----	----	----	----	----	1	----	----	25.00
Bodvin, E. T., Seattle, Wash.	----	----	----	1	----	----	1	----	----	40.00
Bradley, Logan, Kent, Wash.	----	----	----	----	----	----	1	----	----	25.00
Bradley, R. R., Everett, Wash.	----	1	----	1	----	----	1	----	----	55.00
Bridewall, E. F., Tacoma, Wash.	----	----	----	----	----	----	1	----	----	25.00
Callahan, H. S., Seattle, Wash.	----	----	----	1	----	----	1	----	----	40.00
Calligan, F. R., Tacoma, Wash.	----	----	----	----	----	----	1	----	----	25.00
Cameron, Bruce, Mount Vernon, Wash.	----	----	----	----	1	----	----	----	----	5.00
Campbell, W. C., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Campbell, Wm. E., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Cannon, W. B., Seattle, Wash.	----	----	----	1	----	----	1	----	----	40.00
Carev, John, Tacoma, Wash.	----	----	----	----	----	----	1	----	----	25.00
Carrington, W., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Carsley, Thos. M., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Carslay, Tom, Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Castner, Fred, Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Castner, Neil, Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Chambers, F. R., Seattle, Wash.	----	----	----	----	2	----	----	----	----	10.00
Chase, Mrs. R. P., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Chesser, Geo., Morton, Wash.	----	----	----	----	----	----	1	----	----	25.00
Cicovich, Geo. B., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Clark, J. W., Tacoma, Wash.	----	----	----	----	----	----	1	----	----	25.00
Colasurdo, A., Seattle, Wash.	----	----	----	1	----	----	1	----	----	40.00
Constantinoff, M. N., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00

Big-game Trophy Fees paid by Non-residents, January 1st to December 31st, 1943—*Continued.*

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Moose.	Mountain-sheep.	Wapiti (Elk).	
New Westminster—*Continued.*										
Cover, T. W., Seattle, Wash.	----	----	----	----	----	----	1	----	----	$25.00
Crowder, Al., and Evanson, H. F., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Davidson, Abe, Port Angeles, Wash.	----	----	----	1	----	----	1	----	----	40.00
Davis, Harold E., Seattle, Wash.	----	----	----	1	----	----	1	----	----	40.00
De Burgh, A. R., Bellingham, Wash.	----	----	----	----	----	----	1	----	----	25.00
Dederick, Geo., Bremerton, Wash.	----	----	----	----	----	----	1	----	----	25.00
Degarimore, O. J., Bremerton, Wash.	----	----	----	2	----	1	1	----	----	70.00
Denning, M. B., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Dick, C. R., Vancouver, Wash.	----	----	----	----	----	----	1	----	----	25.00
Downey, Wm., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Downing, Robt. L., Renton, Wash.	----	----	----	----	----	----	1	----	----	25.00
Driscoll, J. S., Bremerton, Wash.	----	----	----	2	----	----	1	----	----	55.00
Due, Paul, Marysville, Wash.	----	----	----	----	----	----	1	----	----	25.00
Durhack, Roy P., Bremerton, Wash.	----	----	----	1	----	----	1	----	----	40.00
Ely, Edwin E., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Fair, A. J., Blaine, Wash.	----	----	----	2	----	----	1	----	----	55.00
Fayette, Fred F., Blaine, Wash.	----	----	----	----	----	----	1	----	----	25.00
Forbe, Alec, Seattle, Wash.	----	----	----	2	----	----	1	----	----	55.00
Gamblin, Geo., Tacoma, Wash.	----	----	----	----	----	----	1	----	----	25.00
Gay, Fred H., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
George, J. E., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
George, Lynn A., Snohomish, Wash.	----	----	----	----	----	----	1	----	----	25.00
Goodman, R. F., Paulsbo, Wash.	----	----	----	2	----	----	----	----	----	30.00
Graham, Frank A., Tacoma, Wash.	----	----	----	----	----	----	1	----	----	25.00
Guffey, F. S., Seattle, Wash.	----	----	----	2	----	----	1	----	----	55.00
Guthrie, D. L., Ferndale, Wash.	----	----	----	----	----	----	1	----	----	25.00
Hagen, Rudolph, Bellingham, Wash.	----	----	----	1	----	----	----	----	----	15.00
Hall, Mrs. M. L., Snohomish, Wash.	----	1	----	1	----	----	----	----	----	30.00
Halley, C. A., Bellingham, Wash.	----	----	----	----	----	----	1	----	----	25.00
Hallum, V. D., Seattle, Wash.	----	----	----	----	1	----	----	----	----	5.00
Hammerly, Harry, Marysville, Wash.	----	----	----	1	----	----	1	----	----	40.00
Handley, Carl E., Bellingham, Wash.	----	----	----	----	----	----	1	----	----	25.00
Hanson, B., Blaine, Wash.	----	----	----	----	----	----	1	----	----	25.00
Hawkins, Chas. S., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Heath, E., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Henderson, J. L., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Hill, Curtis L., Tacoma, Wash.	----	----	----	1	----	----	1	----	----	40.00
Hinman, C. A., Bremerton, Wash.	----	----	----	----	----	----	1	----	----	25.00
Hoff, Harvey B., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Howe, Harry C., Lebanon, Ore.	----	3	----	----	----	----	----	----	----	45.00
Hulbush, W., Burlington, Wash.	----	----	----	----	----	----	1	----	----	25.00
Hughes, Fred, Mount Vernon, Wash.	----	----	----	----	----	----	1	----	----	25.00
Hughes, H. C., Mount Vernon, Wash.	----	----	----	----	----	----	1	----	----	25.00
Hunnicutt, H. W., Tacoma, Wash.	----	----	----	1	----	----	1	----	----	40.00
Hunter, Dr. C. M., Sedro Woolley, Wash.	----	----	----	1	----	----	1	----	----	40.00
Hylen, N. H., Bremerton, Wash.	----	----	----	1	----	----	1	----	----	40.00
Jeffrey, J. W., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Kelley, B. H., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Kellenberger, E., Lebanon, Ore.	----	----	----	----	----	----	1	----	----	25.00
Kem, E. A., Edmonds, Wash.	----	----	----	----	----	----	1	----	----	25.00
Ketcham, E. A., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Keyes, P., Vancouver, Wash.	----	----	----	----	----	----	1	----	----	25.00
Kirkpatrick, Earl, Seattle, Wash.	----	----	----	----	3	----	----	----	----	15.00
Knutson, W., Blaine, Wash.	----	----	----	----	----	----	1	----	----	25.00
Landon, L. E., Tacoma, Wash.	----	----	----	1	----	----	1	----	----	40.00
Law, C. H., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Lee, C. N., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Lehman, J. L., Tacoma, Wash.	----	----	----	1	----	----	1	----	----	40.00

BIG-GAME TROPHY FEES PAID BY NON-RESIDENTS, JANUARY 1ST TO DECEMBER 31ST, 1943—*Continued.*

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Moose.	Mountain-sheep.	Wapiti (Elk).	
New Westminster—*Continued.*										
Lester, J. A., Seattle, Wash.	----	----	----	----	----	----	1	----	----	$25.00
Lewis, P. R., Bremerton, Wash.	----	----	----	1	----	----	1	----	----	40.00
Lynch, Ken T., Bothell, Wash.	----	----	----	----	----	----	1	----	----	25.00
McCulloch, J. H., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
McDermott, W. P., Burlington, Wash.	----	----	----	----	----	----	1	----	----	25.00
McFadden, L. P., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
McFerran, E. M., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
MacKintosh, P. G., Yakima, Wash.	----	----	----	2	----	----	----	----	----	30.00
Martin, Chas. E., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Martin, R. M., Kent, Wash.	----	----	----	----	----	----	1	----	----	25.00
Mellor, Dr. Roy M., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Messuly, C. E., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Miller, E. W., Puyallup, Wash.	----	----	----	----	----	----	1	----	----	25.00
Mitchell, R. J., Belfair, Wash.	----	----	----	----	----	----	1	----	----	25.00
Mohns, N. R., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Morse, G. C., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Mulcahy, Harry, Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Mullen, L. J., Everett, Wash.	----	----	----	----	----	----	----	1	----	25.00
Mynhier, F., Tacoma, Wash.	----	----	----	----	----	----	1	----	----	25.00
Nickelsen, Dr. H. C., Tacoma, Wash.	----	----	----	----	----	----	1	----	----	25.00
Oliver, C. T., Kent, Wash.	----	----	----	----	----	----	1	----	----	25.00
Patrick, A. H., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Paulson, Chester C., Tacoma, Wash.	----	----	----	----	----	----	1	----	----	25.00
Pendleton, Walter E., Custer, Wash.	----	----	----	1	----	----	----	----	----	15.00
Peterson, J. C., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Platt, Glen C., Everett, Wash.	----	----	----	----	----	----	1	----	----	25.00
Pleas, Roy M., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Prankard, R. G., Mount Vernon, Wash.	----	----	----	1	1	----	----	----	----	20.00
Presley, B. R., Tacoma, Wash.	----	----	----	1	----	----	1	----	----	40.00
Porter, Dr. E. R., Port Orchard, Wash.	----	----	----	----	----	----	1	----	----	25.00
Presley, Wm. C., Tacoma, Wash.	----	----	----	----	----	----	1	----	----	25.00
Probison, J. W., Bellingham, Wash.	----	----	----	1	----	----	1	----	----	40.00
Prothero, R. H., Bremerton, Wash.	----	----	----	1	----	----	1	----	----	40.00
Prouty, Dr. C. H., Bellingham, Wash.	----	----	----	----	----	----	1	----	----	25.00
Putney, E. T., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Racine, S. F., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Robison, Wm. S., Bellingham, Wash.	----	----	----	1	----	----	1	----	----	40.00
Rudebeck, Nick, Everett, Wash.	----	----	----	1	----	----	1	----	----	40.00
Runnels, Reg. F., Bremerton, Wash.	----	----	----	1	----	----	1	----	----	40.00
Ruth, W. E., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Salvino, F., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Sanderson, J. P., Seattle, Wash.	----	----	----	1	----	----	1	----	----	40.00
Schau, Omar, Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Schoner, J. J., Alderwood Manor, Wash.	----	----	----	1	----	----	1	----	----	40.00
Schuster, Roy M., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Shaw, Robert L., Bellingham, Wash.	----	----	----	----	----	----	1	----	----	25.00
Shedivetz, H. W., Bremerton, Wash.	----	----	----	1	----	----	1	----	----	40.00
Sifferman, H. I., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Siler, H. M., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Skaarup, Harry, Burlington, Wash.	----	----	----	----	----	----	1	----	----	25.00
Sligar, P., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Smith, J. E., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Spalinger, Ed., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Stender, Bruce, Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Storwick, Martin, Tacoma, Wash.	----	----	----	----	----	----	1	----	----	25.00
Strain, A., Kent, Wash.	----	----	----	----	----	----	1	----	----	25.00
Strain, L. G., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Sund, Alfred, Conway, Wash.	----	----	----	----	----	----	1	----	----	25.00

Big-game Trophy Fees paid by Non-residents, January 1st to December 31st, 1943—*Continued.*

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Moose.	Mountain-sheep.	Wapiti (Elk).	
New Westminster—*Continued.*										
Suter, O., Redondo Beach, Calif.	----	----	----	----	----	----	1	----	----	$25.00
Thompson, David E., Sequim, Wash.	----	----	----	----	----	----	1	----	----	25.00
Tyler, Lee R., Marysville, Wash.	----	----	----	2	----	----	----	----	----	30.00
Van Winkle, G., Everett, Wash.	----	----	----	----	----	----	1	----	----	25.00
Van Vleet, R. L., Taft, Ore.	----	----	----	----	----	----	1	----	----	25.00
Vokrodt, Mr. and Mrs. H. K., Bremerton, Wash.	----	----	----	4	----	----	2	----	----	110.00
Waite, Howard H., Tacoma, Wash.	----	----	----	----	----	----	1	----	----	25.00
Waite, S. J., Seattle, Wash.	----	----	----	1	----	----	1	----	----	40.00
Walker, A. L., Seattle, Wash.	----	----	----	1	----	----	1	----	----	40.00
Walker, G. B., Seattle, Wash.	----	----	----	----	2	----	----	----	----	10.00
Walton, Gilbert A., Seattle, Wash.	----	----	----	1	----	----	1	----	----	40.00
Ward, A. H., Sedro Woolley, Wash.	----	----	----	----	----	----	1	----	----	25.00
Warren, Wheeler, Yakima, Wash.	----	----	----	----	----	----	1	----	----	25.00
Waugh, Herman D., Bremerton, Wash.	----	----	----	----	----	----	1	----	----	25.00
Weaver, Miss B. L., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Wells, Paul, Mount Vernon, Wash.	----	----	----	----	----	----	1	----	----	25.00
Wetherbee, A. W., Tacoma, Wash.	----	----	----	----	----	----	1	----	----	25.00
Wheeler, G. W., Edmonds, Wash.	----	----	----	----	----	----	1	----	----	25.00
Wildberger, F. J., Sumas, Wash.	----	----	----	----	----	----	1	----	----	25.00
Wilhelmi, E. P., Everett, Wash.	----	----	----	1	----	----	1	----	----	40.00
Wilson, H. G., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Windon, Jess, Maple Fall, Wash.	----	----	----	----	----	----	1	----	----	25.00
Winn, Lyle R., Seattle, Wash.	----	----	----	1	----	----	1	----	----	40.00
Wray, L. F., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Penticton—										
Alkire, L. V., Bremerton, Wash.	----	----	----	2	----	----	----	----	----	30.00
Baker, Don, Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Bauer, Eddie, Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Bauer, Mrs. Eddie, Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Bender, Otto S., Omak, Wash.	----	----	----	----	----	----	1	----	----	25.00
Bendtsen, S. G., Timentwa, Wash.	----	----	----	----	----	----	1	----	----	25.00
Bennington, Bud, Yakima, Wash.	----	----	----	2	----	----	----	----	----	30.00
Birkland, Thos., Tacoma, Wash.	----	----	----	1	----	----	----	----	----	15.00
Braida, Hector, Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Braida, Mrs. H., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Brenner, C. C., Port Gamble, Wash.	----	----	----	1	----	----	----	----	----	15.00
Bryant, L., Okanogan, Wash.	----	----	----	----	----	----	1	----	----	25.00
Callison, I. P., Union, Wash.	----	----	----	2	----	----	----	----	----	30.00
Cammarano, Jas., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Carlson, R. C., Tacoma, Wash.	----	----	----	1	----	----	----	----	----	15.00
Crowley, O., Okanogan, Wash.	----	----	----	----	----	----	1	----	----	25.00
Demakis, Tom, Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Demakis, Mrs. T., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Demeroutis, K. G., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Erickson, M. J., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Fleenor, G. W., Yakima, Wash.	----	----	----	2	----	----	----	----	----	30.00
Frazer, W. D., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Gwinn, M. D., Omak, Wash.	----	----	----	----	----	----	1	----	----	25.00
Hahn, E. T. A., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Hansen, A. O., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Harley, C. S., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Hatton, F., Yakima, Wash.	----	----	----	2	----	----	----	----	----	30.00
Hilkert, A. W., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Hill, C. L., Tacoma, Wash.	----	----	----	1	----	----	----	----	----	15.00
Kepp, Karl, Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Ketcham, E. J., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Kleinberg, L., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Kosmos, G., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00

BIG-GAME TROPHY FEES PAID BY NON-RESIDENTS, JANUARY 1ST TO DECEMBER 31ST, 1943—*Continued.*

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Moose.	Mountain-sheep.	Wapiti (Elk).	
Penticton—*Continued.*										
Lockwood, R. E., Seattle, Wash.	----	----	----	2	----	----	----	----	----	$30.00
McFerran, E. M., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
McNett, R. L., Omak, Wash.	----	----	----	----	----	----	1	----	----	25.00
Manley, J. G., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Mascher, V., Bremerton, Wash.	----	----	----	2	----	----	----	----	----	30.00
Meister, R. E., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Mellor, Dr. R. M., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Meyer, Ted, Yakima, Wash.	----	----	----	2	----	----	----	----	----	30.00
Mills, J. W., Yakima, Wash.	----	----	----	2	----	----	----	----	----	30.00
Morse, F., Winthrop, Wash.	----	----	----	----	----	----	1	----	----	25.00
Moss, L., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Myers, T., Tacoma, Wash.	----	----	----	2	----	----	----	----	----	30.00
Nestor, H. C., Tacoma, Wash.	----	----	----	----	----	----	1	----	----	25.00
Niemi, Louise A., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Niemi, William, Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Parker, R. D., Bremerton, Wash.	----	----	----	2	----	----	----	----	----	30.00
Paulson, C. C., Tacoma, Wash.	----	----	----	2	----	----	----	----	----	30.00
Phelps, A. E., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Schau, Omar, Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Simpson, C. B., Port Gamble, Wash.	----	----	----	1	----	----	----	----	----	15.00
Smiley, E. S., Yakima, Wash.	----	----	----	2	----	----	----	----	----	30.00
Stender, B., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Strance, E. J., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Styer, C. M., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Swan, H. I., Timentwa, Wash.	----	----	----	----	----	----	1	----	----	25.00
Tufarola, L., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Twaddle, P. B., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Vedova, P. O. D., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Zanidis, N., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Pouce Coupe—										
English, A. B., Bristol, Tenn.	----	1	----	----	----	1	----	1	----	55.00
Ferguson, Dr. G., Oklahoma City, Okla.	1	2	----	1	----	2	----	1	----	125.00
Harley, C. S., Seattle, Wash.	----	----	2	----	----	2	----	1	----	105.00
Keagy, H. F., Beverly Hills, Calif.	1	1	----	2	----	2	----	----	----	100.00
Leonard, R. S., Vernon, Texas	1	----	2	----	----	2	----	----	----	105.00
Stansfield, E. C., Oklahoma City, Okla.	1	1	1	----	----	1	----	----	----	80.00
Van Wedel, Dr. C., Oklahoma City, Okla.	1	1	1	----	----	2	----	----	----	95.00
Weaver, A. D., Bristol, Tenn.	----	1	----	----	----	----	----	1	----	40.00
Prince George—										
Higby, Roy C., Big Moose, N.Y.	----	----	----	1	----	1	----	----	----	30.00
Holliday, W. J., Hammond, Ind.	1	1	1	----	----	----	----	----	----	65.00
Myers, Lloyd, Bristol, Tenn.	1	----	----	----	----	----	----	----	----	25.00
O'Connor, Jack, Tucson, Ariz.	----	1	1	----	----	----	----	1	----	65.00
Pauley, V. L., Wichita, Kansas	----	2	----	----	----	----	----	----	----	30.00
Zimmerman, G. F., Bristol, Tenn.	----	----	----	----	----	----	1	----	----	25.00
Prince Rupert—										
Jensen, M., Douglas, Alaska	----	----	----	----	----	----	1	----	----	25.00
Le Munyon, E. C., Los Angeles, Calif.	1	----	----	----	----	----	----	----	----	25.00
Quesnel—										
Baird, R. M., Everett, Wash.	----	----	----	----	----	----	1	----	----	25.00
Bice, Dr. D. F., Yakima, Wash.	----	----	----	1	----	----	----	----	----	15.00
Boulton, J. C., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Brydon, Chas. R., Redmond, Wash.	----	----	----	----	----	----	1	----	----	25.00
Carskadden, Dr. H., Oak Harbour, Wash.	----	----	----	----	----	----	1	----	----	25.00
Corliss, L. Y., Bremerton, Wash.	----	----	----	----	----	----	1	----	----	25.00
Cossalman, J. W., Sheney, Wash.	----	----	----	----	----	----	1	----	----	25.00
Cronkhite, E. W., Everett, Wash.	----	----	----	----	----	----	1	----	----	25.00
Drake, Louis B., Forest Grove, Ore.	----	1	----	----	----	----	1	----	----	40.00

Big-game Trophy Fees paid by Non-residents, January 1st to December 31st, 1943—*Continued.*

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Moose.	Mountain-sheep.	Wapiti (Elk).	
Quesnel—*Continued.*										
Eland, Sydney S., Seattle, Wash.	----	----	----	----	----	----	1	----	----	$25.00
Fortner, C. C., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Giske, S., Redmond, Wash.	----	----	----	----	----	----	1	----	----	25.00
Good, Franklin, Mount Vernon, Wash.	----	----	----	----	----	----	1	----	----	25.00
Goodrich, Jerry, Everett, Wash.	----	----	----	----	----	----	1	----	----	25.00
Granston, E. L., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Granston, W. R., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Hague, Raymond J., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Hansen, B. L., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Hansen, L. V., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Houser, Rex V., Blanchard, Wash.	----	----	----	----	----	----	1	----	----	25.00
Johnson, Alvin, Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Johnson, E. R., Redmond, Wash.	----	----	----	----	----	----	1	----	----	25.00
Kellogg, Harvey, Tacoma, Wash.	----	----	----	----	----	----	1	----	----	25.00
Lohr, Elmer W., Arlington, Wash.	----	----	----	----	----	----	1	----	----	25.00
Mason, John, Mount Vernon, Wash.	----	----	----	----	----	----	1	----	----	25.00
Meyers, Wm. B., Harrah, Wash.	----	----	----	----	----	----	1	----	----	25.00
Neukirch, O. E., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Noonan, D. C., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Oakson, E., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Olson, John, Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Pierce, S. R., Everett, Wash.	----	----	----	----	----	----	1	----	----	25.00
Sinclair, S. L., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Skogh, Joseph, Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Smith, Ray, Forest Grove, Ore.	----	----	----	----	----	----	1	----	----	25.00
Snyder, Eugene D., Everett, Wash.	----	----	----	----	----	----	1	----	----	25.00
Stuchill, W., Everett, Wash.	----	----	----	----	----	----	1	----	----	25.00
Vincent, B. S., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Whitehall, Loyd, Bremerton, Wash.	----	----	----	----	----	----	1	----	----	25.00
Wolfkill, M. V., Mount Vernon, Wash.	----	----	----	----	----	----	1	----	----	25.00
Zeek, Rex L., Everett, Wash.	----	----	----	----	----	----	1	----	----	25.00
Revelstoke—										
Edwards, Deo., Oregon	1	----	----	----	----	----	----	----	----	25.00
Edwards, S., Springfield, Ore.	1	----	----	----	----	----	----	----	----	25.00
Kubas, Stanley, Munroe, Wash.	1	----	----	----	----	----	----	----	----	25.00
Telegraph Creek—										
Wheeler, Dr. E. J., Wrangell, Alaska	----	----	----	----	----	----	----	1	----	25.00
Vancouver—										
Barnes, F. P., Campbellford, Ont.	----	----	----	----	----	----	1	----	----	25.00
Bates, D. H., Oswego, Ore.	----	----	----	----	----	2	----	----	1	55.00
Campbell, R. E., Seattle, Wash.	----	----	----	2	----	----	1	----	----	55.00
Cushman, F. A., Everett, Wash.	----	----	----	2	----	----	----	----	----	30.00
Francis, C. E., Seattle, Wash.	----	----	----	2	----	----	1	----	----	55.00
Kenyon, Karl, San Diego, Calif.	----	----	----	1	----	----	----	----	----	15.00
McKay, W. O., Seattle, Wash.	----	----	----	2	----	----	1	----	----	55.00
McMenamin, J. M., Lake City, Wash.	----	----	----	----	----	----	1	----	----	25.00
Skeel, E. L., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Victoria—										
Harlam, F., Silverdale, Wash.	----	----	----	----	3	----	----	----	----	15.00
Williams Lake—										
Barton, Dr. J., Longview, Wash.	----	----	----	1	----	----	----	----	----	15.00
Windermere—										
Christierson, Lieut.-Comdr. S. V., Idaho	1	----	----	----	----	----	----	----	1	50.00
Gehrt, R. L., Indianapolis, Ind.	1	----	----	----	----	----	----	----	1	50.00
Gentry, H. L., Bay City, Mich.	1	----	----	2	----	2	1	1	1	160.00
Hoedmaker, E., Seattle, Wash.	----	----	----	----	----	1	----	----	1	40.00
McLemore, Dr. I. O., Seattle, Wash.	----	1	----	----	----	2	----	----	1	70.00
Totals	18	30	11	227	13	28	247	14	14	$11,940.00

PROSECUTIONS (PROVINCIAL GAME DIVISIONS), JANUARY 1ST TO DECEMBER 31ST, 1943.

Description of Offence.	Divisions (*See* Foot-note). "A" Division.	"B" Division.	"C" Division.	"D" Division.	"E" Division.	Dismissals.	Convictions.	Total No. of Informations laid.	Fines or Penalties. imposed.
Game Animals.									
Hunting game animals during prohibited hours	.....	.....	.....	.....	.....	1	.....	1	.....
Killing, hunting, or in possession of game animals of female sex	.....	3	3	4	1	1	11	12	$820.00
Killing, hunting, or in possession of game animals during close season	3	1	3	4	1	.....	12	12	600.00
Possession of game animals under 1 year of age	1	1	3	.....	.....	.....	5	5	325.00
Possession of pelts of fur-bearing animals during close season	.....	.....	4	6	1	.....	11	11	95.00
Possession of carcass of untagged deer	3	2	1	.....	.....	.....	6	6	60.00
Possession of game on premises of logging camp, café, etc.	.....	.....	.....	1	.....	.....	1	1	25.00
Removing all evidence of sex from game animals	.....	1	.....	.....	.....	.....	1	1	25.00
Selling or buying big game illegally	.....	.....	.....	2	.....	.....	2	2	35.00
Using deer-tag belonging to some other person	1	.....	.....	.....	.....	.....	1	1	.....
Game Birds.									
Allowing dogs to hunt or run game birds during prohibited season	.....	.....	1	.....	1	.....	2	2	10.00
Exceeding bag-limit on game birds	1	.....	1	.....	.....	.....	2	2	50.00
Hunting or in possession of migratory game birds during close season	.....	1	1	.....	.....	1	2	3	15.00
Hunting, killing, or in possession of game birds during close season	10	3	6	.....	7	.....	26	26	280.00
Hunting certain game birds with a rifle, contrary to Game Regulations	.....	.....	.....	.....	1	.....	1	1	10.00
Hunting migratory game birds during prohibited hours	.....	.....	.....	.....	1	3	1	4	10.00
Hunting upland game birds during prohibited hours	.....	.....	3	.....	.....	.....	3	3	45.00
Hunting migratory game birds from, or with the use of, a power-boat	.....	.....	1	.....	.....	.....	1	1	10.00
Trapping game birds	.....	.....	.....	.....	1	.....	1	1	15.00
Trapping.									
Interfering with a registered trap-line	.....	3	.....	5	.....	.....	8	8	270.00
Leaving traps set after end of open season	.....	.....	.....	.....	1	.....	1	1	.....
Trapping or carrying traps without a licence	2	1	7	2	1	.....	13	13	182.50
Trapping during close season	3	.....	.....	.....	4	.....	7	7	570.00
Trapping outside the limits of a registered trap-line illegally	.....	1	1	.....	.....	.....	2	2	10.00
Trapping on registered trap-line as an assistant without necessary permit	.....	.....	.....	1	.....	.....	1	1	10.00
Using game as bait on a trap-line	.....	.....	.....	1	.....	.....	1	1	10.00
Licences.									
Carrying firearms without a licence	16	9	8	12	22	1	67	68	545.00
Guiding without a licence	.....	.....	3	.....	.....	.....	3	3	120.00
Minor carrying firearms without licence or without being accompanied by an adult	.....	7	6	.....	1	1	14	15	10.00
Non-resident carrying fishing-tackle or angling without a licence	.....	8	.....	.....	.....	.....	8	8	40.00
Non-resident carrying firearms without a licence	.....	.....	.....	1	.....	.....	1	1	50.00
Non-resident outfitter operating without a licence	.....	1	.....	.....	.....	.....	1	1	10.00
Resident carrying fishing-tackle or angling without a licence	6	16	6	.....	13	4	41	45	422.00

NOTE.—"A" Division: Vancouver Island area and part of Mainland. "B" Division: Kootenay and Boundary areas. "C" Division: Kamloops, Yale, Okanagan, Cariboo, and Lillooet areas. "D" Division: Atlin, Skeena, Omineca, Fort George, Peace River, and Yukon Boundary areas. "E" Division: Vancouver, Coast, and Lower Mainland areas.

PROSECUTIONS (PROVINCIAL GAME DIVISIONS), JANUARY 1ST TO DECEMBER 31ST, 1943—*Continued.*

Description of Offence.	Divisions (*See* Foot-note).					Dismissals.	Convictions.	Total No. of Informations laid.	Fines or Penalties imposed.
	"A" Division.	"B" Division.	"C" Division.	"D" Division.	"E" Division.				
Firearms.									
Carrying firearms in, or discharging same from, an automobile, etc.	.....	7	9	3	5	.....	24	24	$220.00
Carrying, or in possession of, unplugged pump or repeating or automatic shotgun	.....	.....	1	2	2	.....	5	5	60.00
Discharging firearms on or across a highway in a municipality	1	.....	.....	.....	3	.....	4	4	55.00
Miscellaneous.									
Exporting fur without a permit	.....	1	1	.....	.....	.....	2	2	15.00
Fur-trader failing to keep proper record-book	.....	.....	1	.....	.....	.....	1	1	50.00
Game-bird farmer failing to submit annual returns	.....	.....	.....	.....	.....	1	.....	1	.....
Interfering with Game Warden in discharge of his duties	.....	.....	1	.....	.....	.....	1	1	10.00
Making false statement in obtaining a licence, etc.	.....	.....	1	1	1	.....	3	3	60.00
Non-resident Indian hunting game in Province	.....	.....	.....	2	.....	.....	2	2	50.00
Shooting fur-bearing animals	.....	.....	.....	.....	1	.....	1	1	25.00
Trespassing in pursuit of game	2	.....	4	.....	1	1	7	8	85.00
British Columbia Special Fishery Regulations.									
Angling by using roe in prohibited area	1	.....	.....	.....	.....	.....	1	1	5.00
Angling for trout during the close season	.....	3	4	1	.....	.....	8	8	45.00
Angling with more than one line	.....	.....	.....	.....	2	.....	2	2	20.00
Exceeding bag-limit on trout	.....	1	.....	.....	.....	.....	1	1	10.00
Jigging, shooting, or using a torch in taking of trout or salmon	3	.....	.....	.....	4	.....	7	7	45.00
Netting kokanee without a licence or taking kokanee illegally	.....	4	.....	.....	.....	.....	4	4	20.00
Taking undersized trout	1	4	.....	.....	2	.....	7	7	60.00
Trolling or angling with gear designed to catch more than one fish at a time	.....	.....	.....	.....	5	.....	5	5	40.00
									$5,554.50
Gaol Sentences.									
Angling for trout during the close season or without a licence	.....	7	.....	.....	1	.....	8	8	.....
Catching undersized trout	.....	.....	.....	.....	1	.....	1	1	.....
Hunting, killing, or in possession of game animals or birds during the close season	.....	.....	1	.....	.....	.....	1	1	.....
Interfering with a Game Warden in discharge of his duties, or furnishing false information	.....	.....	1	.....	.....	.....	1	1	.....
Pit-lamping of game	2	.....	.....	.....	.....	.....	2	2	.....
Trapping without a licence	.....	.....	.....	.....	1	.....	1	1	.....
Totals	56	85	82	48	85	14	342	356	.....

NOTE.—"A" Division: Vancouver Island area and part of Mainland. "B" Division: Kootenay and Boundary areas. "C" Division: Kamloops, Yale, Okanagan, Cariboo, and Lillooet 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 five days to thirty days.

HUNTING AND FISHING ACCIDENTS, 1943.

Date.	Name of Wounded Person.	Name of Person responsible for Accident.	District.	Cause of Accident.	Nature of Injuries.	Result of Injuries.
Jan. 1	Robertson, L. G.	Hawkshaw, S. J.	Queen Charlotte Isl.	Careless handling of a shotgun	Pellets in left arm and shoulder and left side of neck	Not serious.
,, 1	Brewer, Carl	Self	Invermere	Accidental discharge of a rifle	Wounded in left foot	Not serious.
Apr. 20	Westergaard, N. C.	Self	Fort St. John	Accidental discharge of a rifle	Shot in foot	Not serious.
Aug. 20	Grainger, Kathleen	Self	Burns Lake	Careless handling of a .22 rifle	Bullet entered right wrist, lodging in elbow	Not serious.
Sept. 22	Williams, J. (Indian)	Self	Telegraph Creek	Accidental discharge of a rifle	Wounded in foot	Not serious.
Oct. 3	Carter, G. G.	Carter, Horace	Haney	Careless handling of a 30.30 rifle	Hit in left foot	Not serious.
,, 9	Oran, Geoffrey	Bruder, C. E.	Lake Cowichan	Mistaken for a grouse	Shot in head	Died.
,, 24	Goreing, Frank	Self	Prince Rupert	Pulling loaded shotgun from rowboat	Wounded in chest	Died.
,, 25	Kennedy, John	Wood, Wm. L.	Salmon Arm	Careless handling of a shotgun	Pellets in face and chest	Died.
,, 31	Moffat, Don	Self	Prince George	Discharge of a dud shotgun shell	Wounded in thigh	Not serious.
Nov. 10	Audet, Marcel	Robidoux, Geo.	Prince George	Careless handling of an army rifle	Struck in chest	Died.
,, 14	Saunders, James	Self	Mission	Using shotgun to club a wounded duck	Wounded in left breast	Died.
,, 16	Weaver, L. E.	Self	Williams Lake	Careless handling of a rifle	Struck in body	Died.
,, 17	Murphy, M. L.	Self	Kamloops	Accidental discharge of a shotgun	Wounded in right leg, necessitating amputation thereof below knee	Serious.
,, 18	Skogan, V. D. S.	Self	Sayward	Pulling loaded rifle from automobile	Wounded in left arm	Serious.
,, 28	Smith, H. E.	Davies, Robert	Abbotsford	Accidental discharge of a shotgun	Pellets in right forearm	Not serious.
Dec. 26	Barber, Percy	Self	Coquitlam	Drawing loaded gun out of automobile	Wounded in right foot	Not serious.

NOTE.—Wherever, after careful investigation, circumstances warranted action being taken against the parties responsible for hunting accidents, firearms licences held by such parties have been cancelled by the Game Commission, and in various cases other action has been taken.

Summary of Game-fish Distributions, showing Eggs, Fry, and Fingerlings, 1943.

Kind of Game Fish.	Eggs.	Fry.	Fingerlings and Yearlings.
Cut-throat	1,351,170	351,665	.....
Eastern brook	.....	230,000	.....
Kamloops trout	4,792,250	3,321,982	976,876
Kokanee	1,380,000	.....	.....
Steelhead	176,510	.....	6,190
Totals	7,699,930	3,903,647	983,066

Summary of Game-fish Eggs, Fry, and Fingerlings at Departmental Hatcheries, December 31st, 1943.

Hatchery.	Eastern Brook.	Kamloops.	Kokanee.
	Eggs.	Fingerlings.	Eggs.
Cultus Lake	.....	71,749	.....
Kaslo	.....	37,657	.....
Nelson	441,650	80,926	29,600
Qualicum Beach	.....	101,251	.....
Smith Falls	.....	103,481	.....
Veitch Creek	.....	39,891	.....
Totals	441,650	434,955	29,600

Summary.

Eggs		7,699,930
Fry		3,903,647
Fingerlings and yearlings		983,066
Total distributions		12,586,643
On hand at hatcheries, December 31st, 1943		906,205
Sold and moneys received placed to credit of Game Vote—		
Kamloops, fry	6,000	
Eastern brook-trout, fry	2,000	
Kokanee, eggs	2,000,000	
		2,008,000
Total		15,500,848

NOTE.—A number of Game Clubs or Associations were, as in past years, granted subsidies for use in assisting the Department in its game-fish culture programme of development.

Trout-eggs were shipped to a number of Game Associations as will be noted on examining the statement of distributions or plantings.

GAME-FISH CULTURE BRANCH—SUMMARY OF TROUT PLANTINGS, 1943.

Hatchery or Station. (Particulars of Plantings or Liberations.)	Kind of Fish or Eggs.													
	Cut-throat.			Eastern Brook.		Kamloops.			Kokanee.		Steelhead.		Hatcheries.	
	Eggs.	Fry.	Finger-lings.	Eggs.	Fry.	Eggs.	Fry.	Finger-lings.	Eggs.	Fry.	Eggs.	Finger-lings.	Eggs.	Finger-lings.
Vancouver Island.														
Qualicum Hatchery.														
Beach Creek								312						
Becks Lake								3,600						
Black Creek								2,300						
Boomerang Lake								2,000						
Cameron Lake								2,000						
Chain Lake								2,000						
Comox Lake								8,000						
Deadwood Creek								500						
Docherty Creek								500						
Echo Lake								2,000						
Englishman River								1,500						
Great Central Lake								6,000						
Henderson Lake								500						
Holdens Lake								2,000						
Horne Lake								3,000						
Little Qualicum River								1,000						
Littles Creek								500						
Long Lake								3,000						
Longley Lake								1,000						
Loon Lake								500						
Lower Campbell Lake								7,000						
Mirror Lake								2,500						
Morrison Creek								500						
Nanaimo Lake (First)								2,000						
Oyster River								3,000						
Quesnel Lake								2,000						
Quinsam River								2,500						
Spencers Creek								5,500						
Sproat Lake								10,000						
Summit Lake								500						
Sutton Creek								500						
Swayne Creek								500						
Westwood Lake								7,000						
Totals								85,712						

GAME-FISH CULTURE BRANCH—SUMMARY OF TROUT PLANTINGS, 1943—*Continued.*

HATCHERY OR STATION. (Particulars of Plantings or Liberations.)	KIND OF FISH OR EGGS.													
	CUT-THROAT.			EASTERN BROOK.		KAMLOOPS.			KOKANEE.		STEELHEAD.		HATCHERIES.	
	Eggs.	Fry.	Finger-lings.	Eggs.	Fry.	Eggs.	Fry.	Finger-lings.	Eggs.	Fry.	Eggs.	Finger-lings.	Eggs.	Finger-lings.
VANCOUVER ISLAND—*Continued.*														
Veitch Creek Hatchery.														
Big Thetis Lake								20,000						
Company Dam Lake								6,000						
Little Thetis Lake								3,292						
Maxwell Lake								8,000						
Quamichan Lake								8,000						
Rodgers Lake								8,000						
Shawnigan Lake								71,260						
Thetis Lake								19,000						
Totals								143,552						
LOWER MAINLAND.														
Stanley Park Hatchery.														
Alouette River								40,000						
Campbell River								10,000						
Capilano River								20,000						
Coquitlam River								30,000						
Killarney Lake								2,000						
Mill Lake								5,000						
Rawleigh Lake								10,000						
Serpentine River								38,806						
Seymour River								45,000						
Totals								200,806						
Cultus Lake Hatchery.														
Campbell River								10,000						
Cheakamus River											50,000			
Clayburn Creek						60,000								
Davis Creek						100,000								
Hairsine Creek						100,000								
Hatzic Lake						100,000								
Hayward Lake								15,000						

Kakawa Lake						50,000		10,000						
Lake of the Woods								25,000						
McKay Creek						100,000								
Marshall Creek						40,000								
Nicomekl River								20,000						
North Alouette River						200,000								
Popkum Lake						60,000								
Rexford Creek						50,000								
Salmon River								10,000						
Stewart Creek								4,220						
Sweltzer Creek						140,000					126,510			
Totals						1,000,000		94,220			176,510			
Smiths Falls Hatchery.														
Atchelitz Creek								4,000						
Cannell Lake								5,000						
Clayburn Creek								3,000						
Davis Lake								5,000						
Hatzic Lake								5,000						
Hope Slough								4,000						
Little Sumas River								4,000						
Loch Erroch								5,000						
Maria Slough								5,000						
Marshall Creek								4,000						
Miami River								4,000						
Mill Lake								3,000						
Nicomen Slough								9,000						
Popkum Lake								5,000						
Rexford Creek								4,000						
Serpentine River								19,000						
Stave Lake								12,000						
Sweltzer Creek								5,191				6,190		
Three unnamed lakes (Harrison Lake)								1,000						
Cultus Lake Hatchery														72,000*
Totals								106,191				6,190		72,000*
OKANAGAN DISTRICT.														
Lloyds Creek Hatchery.														
Adams Lake						150,000								
Alta Lake						50,000								
Beaver (Devick) Lake							5,000							

* Kamloops trout.

Game-fish Culture Branch—Summary of Trout Plantings, 1943—*Continued.*

Hatchery or Station. (Particulars of Plantings or Liberations.)	Kind of Fish or Eggs.													
	Cut-throat.			Eastern Brook.		Kamloops.			Kokanee.		Steelhead.		Hatcheries.	
	Eggs.	Fry.	Finger-lings.	Eggs.	Fry.	Eggs.	Fry.	Finger-lings.	Eggs.	Fry.	Eggs.	Finger-lings.	Eggs.	Finger-lings.
Okanagan District—*Continued.*														
Lloyds Creek Hatchery—Continued.														
Beaver Dam Lake						30,000								
Big Bar Lake						20,000								
Bouchie Lake						10,000								
Bridge Lake						75,000								
Canim Lake						30,000								
Crown Lake							10,000							
Crystal Lake						10,000								
Dairy Lake							5,000							
Deka Lake						50,000								
Harper Lake							15,000							
Horse Lake						30,000								
Hyas Lake							15,000							
Jackal Lake							5,000							
Kelly Lake						20,000								
Knouff Lake							50,000							
Lac des Roches						50,000								
Leighton Lake							10,000							
McConnell Lake							10,000							
Mara Lake						100,000								
Palmer Creek						210,000								
Paul Lake							250,000							
Pavilion Lake							40,000							
Pillar Lake							15,000							
Pinantan Lake							150,000							
Puntchesakut Lake						10,000								
Rosemond Lake							10,000							
Salmon River						150,000								
Scotch Creek						100,000								
Shuswap Lake (Big)							200,000							
Shuswap Lake (Little)							110,000							
Sixteen-mile Lake						10,000								
Stake Lake							5,000							
Tunkwa Lake							20,000							

Watch Lake						30,000								
Blue River Rod and Gun Club						20,000								
Bulkley Valley Rod and Gun Club						70,000								
Malaspina Rod and Gun Club						50,000								
Ocean Falls Rod and Gun Club						50,000								
Prince George Rod and Gun Club						80,000								
Revelstoke Rod and Gun Club						100,000								
Cranbrook Hatchery													200,000*	
Cultus Lake Hatchery													300,000*	
Nelson Hatchery													350,000*	
Qualicum Beach Hatchery													200,000*	
Stanley Park Hatchery													350,000*	
Summerland Hatchery													100,000*	
Veitch Creek Hatchery													150,000*	
Totals						1,505,000	925,000						1,650,000*	
Penask Lake Hatchery.														
Alleyne Lake							10,000							
Blue Creek						20,000								
Boss Trout Lake							5,000							
Cowan Lake							2,500							
Davis Lake							5,000							
Evans and Levatt Lakes						30,000								
Gillies Lake							5,000							
Glimpse Lake							10,000							
Jackson Lake							5,000							
Kentucky Lake							10,000							
Moore Creek						150,000								
Nevue Lake							2,500							
Otter Lake						30,000								
Peterson Lake							6,550							
Thalia Lake							5,000							
Wolf Creek						20,000								
Terrace Rod and Gun Club						50,000								
Cranbrook Hatchery													400,000*	
Cultus Lake Hatchery													1,000,000*	
Lloyds Creek Hatchery													710,000*	
Nelson Hatchery													1,100,000*	
Summerland Hatchery													200,000*	
Totals						300,000	66,550						3,410,000*	

* Kamloops trout.

Game-fish Culture Branch—Summary of Trout Plantings, 1943—*Continued.*

Hatchery or Station. (Particulars of Plantings or Liberations.)	Kind of Fish or Eggs.													
	Cut-throat.			Eastern Brook.		Kamloops.			Kokanee.		Steelhead.		Hatcheries.	
	Eggs.	Fry.	Finger-lings.	Eggs.	Fry.	Eggs.	Fry.	Finger-lings.	Eggs.	Fry.	Eggs.	Finger-lings.	Eggs.	Finger-lings.
Okanagan District—*Continued.*														
Kelowna Rearing-ponds.														
Pot-hole "A"							40,000							
No. 3 Pond							114,655							
Totals							154,655							
Bjerkness Pond.														
Kootenay Lake								93,811						
Slocan Lake								12,000						
Totals								105,811						
Beaver Lake Hatchery.														
Arlington Lakes							15,000							
Beaver Lake							60,000							
Coldstream Creek						125,000								
Crooked Lake							5,000							
Dee Lake							5,000							
Deer Lake							5,000							
Doreen Lake							10,000							
Eight-mile Creek						80,000								
Fly Fish Lake							6,000							
Island Lake							5,000							
Kalamalka Lake							199,000							
Lost Lake							8,000							
Mable Lake							39,000							
Okanagan Lake							409,060							
Oyama Lake							10,000							
Pats Lake							16,000							
Reiswick Creek (Woods Lake)						138,000								
Rod Lake							5,000							
Round Lake							2,500							
Vance Creek						160,000								
Wilma Lake							5,000							
Woods Lake							38,000							

Kelowna Hatchery													242,215*	5,000*
Summerland Hatchery													583,000*	
Vernon Rearing-ponds														35,000*
Totals						503,000	842,560						825,215*	40,000*
Summerland Hatchery.														
Agar Lake							5,000							
Atkinson Creek (Skaha Lake)							10,000							
Bear Lake							5,000							
Bergeson Lake							4,000							
Brenda Lake							10,000							
Chain and Link Lakes							5,000							
Chute Lake							5,000							
Clearwater Lake							10,000							
Coquihalla Lake							2,000							
Divide Lake							4,000							
Fish Lake							10,000							
Garnett Lake							10,000							
Glacier Lake						10,000								
Glen Lake							10,000							
Hill Lake							1,000							
McLean Creek							5,000							
Madden Lake							4,000							
Missezula Lake							5,000							
Okanagan Lake							318,330							
Osoyoos Lake							48,012							
Osprey Lake							10,000							
Peachland Lake							2,500							
Silver Lake							5,000							
Similkameen River							18,000							
Skaha (Dog) Lake							248,645							
Taylor Lake							5,000							
Tulameen River							18,000							
Ponds adjacent to Hatchery							40,000							
Totals						10,000	818,487							
KOOTENAY DISTRICT.														
Nelson Hatchery.														
Akokli or Goat River						9,750								
Alta Lake									25,000					
Bear Lake						9,750								

* Kamloops trout.

Game-fish Culture Branch—Summary of Trout Plantings, 1943—*Continued.*

Hatchery or Station. (Particulars of Plantings or Liberations.)	Kind of Fish or Eggs.													
	Cut-throat.			Eastern Brook.		Kamloops.			Kokanee.		Steelhead.		Hatcheries.	
	Eggs.	Fry.	Finger-lings.	Eggs.	Fry.	Eggs.	Fry.	Finger-lings.	Eggs.	Fry.	Eggs.	Finger-lings.	Eggs.	Finger-lings.
Kootenay District—*Continued.*														
Nelson Hatchery—Continued.														
Beaver Creek					25,000									
Big Sheep Creek					25,000									
Bonanza Creek									270,000					
Boundary Creek						19,520								
Boundary Lake (Nelway)					40,000									
Box Lake							19,000							
Campbell Creek									50,000					
Carpenter Creek						9,750								
Champion Lake								1,000						
Christina Lake						195,200								
Clearwater Lake									25,000					
Cluculz Creek									40,000					
Conkle Lake						23,820								
Cottonwood Creek								5,972	70,000					
Cottonwood Lake							13,500							
Crawford Bay							13,500							
Crawford Creek						19,500								
Deer Creek									50,000					
Erie Lake					25,000									
Granby River (North Fork)						39,040								
Gray Creek						9,750								
Hill Creek						9,750								
Jewel Lake							20,000							
Kettle River						68,250								
Kettle River (West Fork)						24,930								
Kokanee Creek									100,000					
Kootenay Lake (West Arm)						48,750		14,100						
Little Slocan Lake					46,000									
Loon Lake (Ainsworth)					9,000									
Loon Lake (Grindrod)					20,000									
McDonald Creek						29,280								
Mackenzie Creek						9,750								
Meadow Creek					20,000									

Mill Creek					10,000									
Moyie Lakes									100,000					
Nakusp Creek						19,520								
Okanagan Lake (South End)									100,000					
Pass Creek							51,000							
Redfish Creek									50,000					
Rock Creek						9,750								
Rosebud Lake		51,875												
Salmon River						78,000								
Sanca Creek						19,500								
Shannon Lake					10,000									
Shuswap Lake (South End)									100,000					
Six-mile Lakes						29,250								
Slocan Lake						87,750	45,000							
Slocan River							57,630							
Smelter Lake						48,800								
Sprole Creek							51,000							
Squaw Creek						48,800								
St. Mary Lake									100,000					
Summit Creek						19,500								
Summit Lake	10,000						22,500							
Sunshine Creek						48,750								
Three Valley Lake	70,000													
Tonkawatla (Tum Tum) Creek	30,000													
Victor Lake	80,000													
Whatshan Lakes						48,800			100,000					
Wilgress (Loon) Lake							15,000							
Wilson Lakes						39,040								
Windermere Lake									100,000					
York and Lindsay Lakes							5,000							
Totals	190,000	51,875			230,000	1,024,250	313,130	21,072	1,280,000					
Kaslo Hatchery.														
Campbell Creek (Kootenay Lake)									50,000					
Deep Creek (Kootenay Lake)									50,000					
Kootenay Lake								108,237						
Nelson Hatchery													1,616,000†	
Totals								108,237	100,000				1,616,000†	
Gerrard Hatchery.														
American Creek						30,000								
Hatchery Creek						30,000								
Jewel Lake						5,000								

† Kokanee.

GAME-FISH CULTURE BRANCH—SUMMARY OF TROUT PLANTINGS, 1943—*Continued.*

Hatchery or Station. (Particulars of Plantings or Liberations.)	Kind of Fish or Eggs.													
	Cut-throat.			Eastern Brook.		Kamloops.			Kokanee.		Steelhead.		Hatcheries.	
	Eggs.	Fry.	Finger-lings.	Eggs.	Fry.	Eggs.	Fry.	Finger-lings.	Eggs.	Fry.	Eggs.	Finger-lings.	Eggs.	Finger-lings.
Kootenay District—*Continued.*														
Gerrard Hatchery—Continued.														
Cranbrook Hatchery													115,000*	
Kaslo Hatchery													248,400*	
Nelson Hatchery													50,000*	
Totals						65,000							413,400*	
Cranbrook Hatchery.														
Backwater Creek		31,400												
Baptiste Lake	17,045													
Bark Shanty Creek	29,710													
Bartholomews Lake	10,000													
Blackwater Lakes							20,000							
Bull River	26,095													
Bush Lakes							20,000							
Caithness Creek	20,000													
Cedar Creek	22,900													
Cedar Lakes							10,000							
Columbia Lake						109,000								
Corn Creek	15,000													
Cotton Creek						34,000								
Deer Lake						51,000								
Department of Mines and Resources	56,650													
Doyles Lake	5,000													
Dunbar, Twin, and Bott Lakes	43,500													
Edwards Lake						28,000								
Elk River	192,965													
Fish Lake		6,000												
Fish Lake (above Monroe Lake)		3,000												
Garbuts Lake	30,000													
Goat River	75,000													
Grave Lake							20,000							
Hart Lake		4,000												
Horseshoe Lake								5,000						
Jeffrey Lakes		10,000												

Johnson Lake							9,455							
Josephs Creek	19,850													
Lillian Lake							21,000							
Little Bull River Pond		6,770												
Little Sand Creek	23,255													
Lloyd Creek	4,000													
Loon Lake							10,000							
McBains Lake							20,000							
Manistee Lake							10,000							
Meecham Creek	79,385													
Michel Creek	94,425													
Mineral Lake	25,000							5,000						
Mirror Lake								2,000						
Monroe Lake		92,635												
Moyie Lakes (two) (Backwater)		13,000					15,145	22,585						
Moyie River	50,000													
New Lake								5,000						
North Star Lake								4,000						
Orde Creek	4,000													
Paddy Ryan Lakes		34,365												
Palmer Bar Creek	28,525													
Peavine Creek	30,000					30,000								
Peckhams Lake								5,000						
Premier Lake						33,000		15,040						
Rock (Mud) Lake								1,140						
Rock (Stevens) Lake								5,000						
Rothwell Lake							10,000							
Sheep Creek		12,000												
Silver Springs Lakes							16,000							
Skookumchuck River	63,900													
Smith Lake								35,510						
St. Joseph Creek		1,935												
St. Mary Lake		30,000												
Summit Lake							20,000							
Surveyors Lake								2,500						
Twin Lakes								3,500						
Valley Creek		14,685												
Windermere Lake						100,000								
Wiseman Creek	27,500													
Zwick and Dalziel Creeks	167,465													
Fernie Rod and Gun Club Rearing-pond		10,000												
Matthew Creek Rearing-pond		30,000												
Totals	1,161,170	299,790				385,000	201,600	111,275						

* Kamloops trout.

Returns from 1,737 Holders of Special Firearms Licences, showing Big Game, Fur-bearing Animals, and Predatory Animals killed, Season 1942–43.

Big Game.

Bear	391	Mountain-goat	58
Caribou	35	Mountain-sheep	11
Deer	916	Wapiti (Elk)	15
Moose	494		

Fur-bearing Animals.

Beaver	6,377	Otter	195
Fisher	218	Racoon	1,852
Fox	2,377	Skunk	55
Lynx	841	Squirrels	104,028
Marten	3,708	Weasel	18,367
Mink	4,653	Wildcat	350
Muskrats	43,359	Wolverine	97

Predatory Animals.

Cougar	51	Wolves	266
Coyotes	2,379		

Fur-farm Returns, 1943.

Kind of Animals.	Adult and Young (Reared) Animals.	Animals purchased or received by Trade.	Died or killed.	Animals sold or traded Alive.	Pelts sold (including all Pelts sold in 1943).	Total Animals on Hand as at December 31st, 1943.	
						Males.	Females.
Beaver	18	.....	.....	.....	.....	15	3
Fisher	43	1	17	.....	13	10	17
Fitch	4	.....	.....	.....	2	2	2
Foxes	2,987	75	1,880	60	1,473	365	757
Lynx	3	.....	1	.....	1	1	1
Marten	648	2	318	14	273	105	213
Mink	23,367	729	14,649	415	14,453	2,169	6,863
Muskrats	320	.....	172	58	.....	70	20
Nutria	290	18	173	14	18	60	61
Racoon	34	3	23	.....	3	13	1

Note.—Figures in respect to muskrats and beaver approximate. Cancelled permits, 69. *Nil* returns, 3.

STATEMENT OF VERMIN DESTROYED BY GAME WARDENS DURING THE YEAR 1943.

Kind of Animals or Birds destroyed.	Game Divisions.					Total.
	"A."	"B."	"C."	"D."	"E."	
Animals.						
Bear	.....	2	21	.....	22	45
Cougar	4	9	6	.....	10	29
Coyotes	.....	127	252	14	5	398
Ground-hogs	.....	86	.....	.....	.....	86
Wolves	.....	.....	15	5	1	21
Wild (domestic) cats	225	127	288	2	509	1,151
Wild (domestic) dogs	116	29	20	.....	81	246
Fox	.....	.....	.....	.....	62	62
Bobcat	.....	3	6	.....	12	21
Birds.						
Crows	28	116	780	22	1,824	2,770
Eagles	2	8	3	10	15	38
Hawks	36	137	228	4	84	489
Magpies	.....	92	586	.....	.....	678
Owls	4	63	148	11	28	254
Ravens	6	3	48	35	2	94
Mergansers	4	.....	.....	.....	4	8
Kingfishers	.....	8	.....	.....	.....	8

Summary of Liberation of Game Birds, 1943.

Area.	Pheasants.	Partridge.
Vancouver Island—		
Ladysmith	20	-----
Nanaimo-Parksville	8	50
Victoria (North and South Saanich, Sooke, Metchosin)	75	-----
Totals	103	50
Lower Mainland—		
Chilliwack	10	-----
Lulu and Sea Islands	274	-----
Mission (Hatzic, etc.)	262	-----
Matsqui	6	-----
Pitt Meadows	410	-----
Sumas Prairie	331	-----
Surrey	144	50
Totals	1,437	50
Interior—		
Fruitvale	8	-----
Kimberley	50	-----
Totals	58	-----

Summary.

District.	Pheasants.	Partridge.
Interior	58	-----
Lower Mainland	1,437	50
Vancouver Island	103	50
Totals	1,598	100

STATEMENT OF GAME-BIRD FARMERS, 1943.

Number and Kind of Birds on Hand as at January 1st, 1943.

Pheasants	1,305	Geese	14
Quail	88	Partridge	28
Ducks	41		

Number and Kind of Birds raised, 1943.

Pheasants	2,390	Geese	3
Quail	192	Partridge	27

Number and Kind of Birds purchased, 1943.

Pheasants	92	Ducks	1

Number and Kind of Birds sold, 1943.

Pheasants	2,248	Partridge	20
Quail	206		

Number and Kind of Birds on Hand as at December 31st, 1943.

Pheasants	1,274	Geese	14
Quail	63	Partridge	22
Ducks	22		

NOTE.—During the year 1943 there were one hundred and thirty-two licensed game-bird farmers in the Province, but during the year twenty-four of these farmers discontinued operations.

There were three *nil* returns.

Game-bird bands sold to licensed game-bird farmers during the year 1943—439 bands at 10 cents—$43.90.

MISCELLANEOUS REVENUE.

Sale of list licensed fur-farmers	$35.00
Sale of list licensed game-bird farmers	1.00
Sale of list licensed fur-traders	7.50
Sale of list licensed trappers	90.00
Total	$133.50

List of Guides and Non-resident Outfitters, 1943.

Barkerville-Quesnel District.

Armstrong, Wilfred R. ... Quesnel.
Morrow, Richard A. ... Quesnel.
Quanstrom, Carl ... Quesnel.
Quanstrom, Julius ... Quesnel.
Rawling, Arden ... Quesnel.
Tibbles, Fred S. ... Quesnel.
Tibbles, James ... Quesnel.

Cassiar District.

Ball, George B. ... Telegraph Creek.
Dennis, Alex. ... Telegraph Creek.
Dennis, John Creyke ... Telegraph Creek.

Coast District.

Stanton, Jas. R. ... Glendale Cove, Knight Inlet.
Walker, Thomas A. ... Bella Coola.

Hazelton District.

Donald, Jimmie ... Burns Lake.
Knox, John ... Ootsa Lake.
Van Tine, Edward ... Ootsa Lake.

Kamloops District.

Chester, Maurice ... Red Lake.
Deaver, Jas. ... Savona.
Dever, Dolly ... Savona.
Grant, Gordon ... McLure.
Helset, Torbjorn ... Clearwater.
Hoover, Eldred F. ... McLure.
Ivens, Joseph ... Okanagan Mission.
Johnson, Stewart ... Criss Creek.
Loveway, Thomas ... Little Fort.
McKort, Clarence ... Clearwater.
Raymer, Thomas ... Kelowna.
Welland, J. E.

Kootenay District.

Baher, Martin C. ... Natal.
Bergenham, Peter ... Beavermouth.
Canning, Lester ... Ta Ta Creek.
Conover, Henry ... Castledale.
Croy, John M. ... Natal.
Daniken, Joseph ... Brisco.
Desimone, Angelo C. ... Vancouver.
De Simone, S. H. ... Revelstoke.
Dilworth, James ... Athalmer.
Gould, Percy ... Canal Flats.
Harrison, Wm. O. ... Edgewater.
Haycock, Wm. A. ... Sicamous.
Hynes, Ben Roy ... Galena.
Jaeggi, John ... Edgewater.
Jones, Richard K. ... Golden.
Joseph, Carmille ... Fairmont.
Markuson, Levi ... Canal Flats.
McIvor, Norman D. ... Fort St. John.
McKay, Gordon J. ... Athalmer.
McKeenan, Robert ... Castledale.
MacLain, J. I. ... Galena.
Nicholas, Dominac ... Kootenay Reserve.
Nixon, Walter J. ... Invermere.
Ogilvey-Wills, James R. ... Fairmont.
O'Loughlin, E. P. ... Spillimacheen.
Phillips, F. Alex. ... 1551 St. Andrews, North Vancouver.
Thomas, Guy A. ... Parson.
White, James T. ... Fort Steele.
Whiting, Renal ... Natal.
Wiedemman, Otto ... Golden.

LIST OF GUIDES AND NON-RESIDENT OUTFITTERS, 1943—*Continued.*

Lillooet-Cariboo-Chilcotin District.

Archie, Cassian	Canim Lake.
Archie, George	Canim Lake.
Archie, Jacob	Canim Lake.
Archie, Tom	Canim Lake.
Baker, J. C.	Clinton.
Baker, R. M.	Clinton.
Bidstrup, Volger	Likely.
Bob, Edward	Canim Lake.
Bones, Alex.	Clinton.
Bones, Pete	Clinton.
Boyce, Modeste	Canim Lake.
Cleveland, L. C.	Bridge Lake.
Cleveland, Robt. C.	Bridge Lake.
Coldwell, Henry W.	Jesmond.
Collins, E. M.	Ashcroft.
Collins, Herbert	Cache Creek.
Coulson, H. R.	70-Mile House.
Daniels, Steve	Canim Lake.
Daniels, Walter	Fawn.
Davis, S. G.	Bridge Lake.
Decker, English	Canim Lake.
Dougherty, E. G.	Clinton.
Eagle, Clifford B.	Lac la Hache.
Evans, Charles	Quesnel.
Fenton, Charles	Big Bar.
Fenton, Walter	Big Bar Creek.
Flaherty, R. J.	100-Mile House.
Fletcher, Joe	Clinton.
George, Charlie	Clinton.
Grinder, Isadore	Clinton.
Grinder, John	Big Bar.
Hall, C. E.	Bridge Lake.
Hamilton, Herbert M.	Lac la Hache.
Hamilton, P.	Williams Lake.
Hamilton, R. M.	Williams Lake.
Hamilton, Thomas	Williams Lake.
Hansen, F. J.	Bridge Lake.
Hansen, R. Lee	Bridge Lake.
Higgens, Cecil	Fawn.
Higgins, Marion	Bridge Lake.
Hooker, Frederick C.	Horsefly.
Hunter, Archie	Canim Lake.
Hutchison, D. B.	70-Mile House.
Jenner, Ernest	Horsefly.
Julstrud, E. J.	Fawn.
Kerr, A. H.	Clinton.
Labordie, Eddie	Clinton.
Land, Robt. R.	Shalalth.
Larson, J. O.	Roe Lake.
Levick, J. S.	Fawn.
Lonneki, F. W.	Horsefly.
Mobbs, Ben	70-Mile House.
Muench, Henry	Lac la Hache.
Mulvihill, M. J.	Clinton.
Murray, George	Loon Lake, 21-Mile.
Nicol, Shelly	Horsefly.
Odian, E. J.	Fawn.
Park, Arlie H.	70-Mile House.
Park, Jack P.	70-Mile House.
Peter, Benjamin	Shalalth.
Peters, Michell	Clinton.
Pollard, Harold	Clinton.
Pollard, John	Clinton.
Powell, Thomas	Fawn.
Reinertson, C. W.	70-Mile House.
Roper, Alfred	Canim Lake.
Scheepbouwer, J.	70-Mile House.
Scott, Duncan	Bridge Lake.
Sears, Wilfred H.	Quesnel.
Sellers, Albert	Soda Creek.
Sissons, Bob	Loon Lake.
Striegler, Robert	Clinton.
Tompkins, Earl	70-Mile House.
Turney, R. J.	Fawn.
Vaness, John J.	Horsefly.
Walters, Lloyd	Horsefly.
Westman, Henry	Forest Grove.
Wohlleben, Werner	20-Mile, Ashcroft.
Woods, Wm.	70-Mile House.
Young, Wm.	Clinton.

Peace River District.

Dhenin, Rene G.	Montney.
Gladu, Isadore	Kelly Lake via Lymburn, Alta.
Letendre, Roland	Mount Valley P.O., Alta.
Longhurst, Wm. J.	Fort St. John.
Noskey, Ernest	Goodfare P.O., Alta.
Noskey, Narcisse	Goodfare P.O., Alta.
Orford, Arthur C.	East Pine.
Wanandie, Paul	Goodfare P.O., Alta.

LIST OF GUIDES AND NON-RESIDENT OUTFITTERS, 1943—*Continued.*

Prince George District.

Carr, Stan J.	Tete Jaune Cache.
Davidson, Charlie	Vanderhoof.
Hargreaves, Roy F.	Mount Robson.
Hooker, Jas. B.	Bend.
Sande, Walter J.	Sinclair Mills.

Similkameen-Boundary District.

Beamish, Edward R.	Beaverdell.
From, Guss W.	Westbridge.
From, Oliver	Westbridge.
Hall, Elmer	Westbridge.
Lewis, James	Princeton.
Noren, C. W.	Westbridge.
Peterson, Morris	Westbridge.
Peterson, Stanley	Westbridge.
Rand, S. Percy	Beaverdell.
Smith, Howard J.	Westbridge.
Soderquist, A.	Westbridge.

Non-resident Outfitters.

Brown, Frank E.	Hazelmere, Alberta.
Kitchen, Stan	Jasper, Alberta.
Phillips, Frank A. (Jr.)	1551 St. Andrews Street, North Vancouver.

PERSONNEL OF GAME DEPARTMENT AS AT DECEMBER 31ST, 1943.

Attorney-General (Minister)	R. L. Maitland, K.C.	Victoria.
Game Commission (members)	Jas. G. Cunningham	Vancouver.
	Frank R. Butler	Vancouver.

Headquarters.

Game Warden	G. E. Marshall	Vancouver.
Stenographer	Miss T. Jones	Vancouver.
Stenographer	Miss I. Pettigrew	Vancouver.
Stenographer	Miss H. Morris	Vancouver.
Stenographer	Miss J. Smith	Vancouver.

Game-fish Culture Branch.

Superintendent	A. Robertson	Cultus Lake.
Fishery Supervisor	C. H. Robinson	Nelson.
Fishery Officer	F. Pells	Cultus Lake.
Fishery Officer	J. F. Thompson	Kaslo.
Fishery Officer	E. Hunter	Nelson.
Fishery Officer	A. Higgs	Qualicum Beach.
Fishery Officer	C. O. Mellor	Vancouver.
Fishery Officer	E. M. Martin	Victoria.
Fishery Officer	F. H. Martin	Cultus Lake.

"A" Division (Vancouver Island and Portions of Lower Mainland).

Game Warden	S. H. McCall	Victoria.
Game Warden	B. Cash	Victoria.
Game Warden	J. Dewar	Alberni.
Game Warden	F. H. Greenfield	Nanaimo.
Game Warden	R. S. Hayes	Duncan.
Game Warden	W. N. Massey	Alert Bay.
Game Warden	F. P. Weir	Courtenay.
Game Warden	J. W. Jones	Royal Oak.

PERSONNEL OF GAME DEPARTMENT AS AT DECEMBER 31ST, 1943—*Continued.*

"B" Division (Kootenay and Boundary Districts).

Acting Inspector	A. F. Sinclair	Nelson.
Stenographer	Mrs. I. Anderson	Nelson.
Game Warden	N. Cameron	Golden.
Game Warden	W. H. Cartwright	Creston.
Game Warden	A. F. Gill	Princeton.
Game Warden	G. Haskell	Nelson.
Game Warden	W. H. McLean	Revelstoke.
Game Warden	A. Monks	Penticton.
Game Warden	J. J. Osman	Fernie.
Game Warden	B. Rauch	Cranbrook.
Game Warden	H. Tyler	Invermere.
Game Warden	M. J. Wilson	Grand Forks.

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

Inspector	R. M. Robertson	Kamloops.
Stenographer	Miss H. Swadling	Kamloops.
Game Warden	D. Cameron	Salmon Arm.
Game Warden	W. R. Maxson	Kelowna.
Game Warden	C. F. Still	Vernon.
Game Warden	J. W. Stewart	Clinton.
Game Warden	W. A. H. Gill	Lillooet.
Game Warden	O. Mottishaw	Quesnel.
Game Warden	L. Jobin	Williams Lake.
Game Warden	G. Sandiford	Kamloops.
Game Warden	D. D. Ellis	Kamloops.
Game Warden	E. Holmes	Wells.
Game Warden	M. B. Ewart	Merritt.

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

Inspector	T. Van Dyk	Prince George.
Clerk	R. J. Guay	Prince George.
Stenographer	Miss E. Foster	Prince Rupert.
Corporal	K. O. Alexander	Fort Nelson.
Game Warden	P. Brown	Vanderhoof.
Game Warden	A. J. Jank	Prince George.
Corporal	E. Martin	Prince Rupert.
Game Warden	C. D. Muirhead	Smithers.
Game Warden	J. W. Purdy	Lower Post.
Game Warden	W. O. Quesnel	Dawson Creek.
Game Warden	D. Roumieu	Burns Lake.
Game Warden	R. D. Symons	Fort St. John.
Game Warden	V. L. Williams	Fort St. John.
Game Warden (Special)	B. Villeneuve	Fort Nelson.

PERSONNEL OF GAME DEPARTMENT AS AT DECEMBER 31ST, 1943—*Continued.*

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

Inspector	W. Kier	Vancouver.
Game Warden	W. Clark	Vancouver.
Game Warden	R. S. King	Vancouver.
Game Warden	G. C. Stevenson	Vancouver.
Game Warden	A. J. Butler	Chilliwack.
Game Warden	W. H. Cameron	Ladner.
Game Warden	P. M. Cliffe	Mission.
Game Warden	H. C. Pyke	Cloverdale.
Game Warden	F. Urquhart	Port Coquitlam.

Predatory-animal Hunters and Special Game Wardens.

C. Shuttleworth	Kamloops.

On Active Service.

Fishery Officer	J. D. Inverarity	Victoria.
Inspector	C. F. Kearns	Nelson.
Clerk	F. R. Lobb	Vancouver.
Fishery Officer	R. A. McRae	Kelowna.
Sergeant and Clerk	R. P. Ponder	Vancouver.
Fishery Officer (Assistant)	H. L. Rose	Vancouver.
Clerk	J. B. Smith	Vancouver.
Game Warden	J. P. C. Atwood	Lillooet.

VICTORIA, B.C.:
Printed by CHARLES F. BANFIELD, Printer to the King's Most Excellent Majesty.
1945.

905-245-5229