PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF ATTORNEY-GENERAL

REPORT

OF

PROVINCIAL GAME COMMISSION

FOR THE YEAR ENDED

DECEMBER 31ST, 1944

PRINTED BY
AUTHORITY OF THE LEGISLATIVE ASSEMBLY.

VICTORIA, B.C.:
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1946.

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, 1944.

R. L. MAITLAND,
Attorney-General.

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

OFFICE OF THE GAME COMMISSION,
VANCOUVER, B.C., December 19th, 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, 1944.

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

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

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REPORT *of the* PROVINCIAL GAME COMMISSION, 1944.

The year under review, in spite of the fact that Canada is still in the throes of a world war, has been the most successful in the history of the Department. Game conditions were excellent throughout the Province, and revenue derived under the "Game Act" reached an all-time high of $309,265.59, showing an increase of $43,249.84 over the year 1943, and an increase of $112,207.67 over 1934, the year in which the present Game Commission took office.

An examination of the tables accompanying this report will indicate the reasons for increases in revenue, the principal causes being a higher collection of fur royalties, an increase in the number of licences issued—particularly to non-residents—and a considerable increase in trophy fees collected from these non-residents.

British Columbia has one of the finest stands, if not the finest, of big game and sport fish in America, and this fact is becoming widely known throughout the United States, particularly along the Pacific Coast. With the cessation of hostilities overseas, we can look for an ever-increasing number of non-resident big-game hunters and fishermen.

During the year 1944, 941 non-resident big-game hunters visited this Province, showing an increase of 362 over the year 1941, the previous record year, when some 579 non-resident big-game licences were issued. The fact that increases are taking place during years when gasoline and tires are rationed, and travel generally is difficult, is an indication of what British Columbia can expect when hostilities cease and normal travel is resumed.

The guides and outfitters, however, it would seem, are not prepared to handle the expected influx of non-resident sportsmen. Many of our guides are overseas and others are employed in essential war industries. There will be splendid opportunities for the rehabilitation of many of our returning soldiers in this line of work. Your Game Commission is preparing new amendments to the "Game Act" to cope with this situation, which we hope to submit for approval at the 1945 Session of the Legislature.

REGISTRATION OF TRAP-LINES.

Since our last report there has been a new organization formed, known as the "British Columbia Registered Trappers' Association." This organization has been started through the efforts of Eric Collier and E. W. Bobb, of Riske Creek. These gentlemen have personally demonstrated the value of our system of trap-line registration, and it is hoped that the new organization, under their guidance, will prove as valuable to the welfare of our fur-bearing animals as the Game Associations have proven in the welfare of the game and sport fish of this Province.

The British Columbia Registered Trappers' Association, Farmers' Institutes, British Columbia Fruit-growers' Association, and other organizations, along with many game associations, are pressing for more rigid protection of beaver. They are in favour of the tagging of pelts before same can be placed on the open market, and it is hoped that an amendment to the "Game Act" covering the tagging of beaver, which we are preparing, will be approved.

REGISTRATION OF GUIDES.

As previously mentioned, the provisions of the "Game Act" are greatly in need of revision in order to cope with the expected influx of non-resident sportsmen. We

are preparing amendments to the "Game Act" which, we sincerely hope, will help out the situation. During the present year 237 guides' licences were issued, and it is anticipated that this number will be considerably increased within the next year or so.

FUR-FARMING.

With the return of our veterans from overseas, there is no doubt that many of them will be turning their minds to farming. There is no class of farming that will reap such returns—at present prices—as fur-farming, taking into consideration the initial outlay and the possibilities on small holdings of land. Many inquiries are being received with respect to fur-farming.

We have many successful fur-farmers in the Province, but, on the other hand, there also have been many failures. It must be borne in mind that the success of fur-farming depends upon locating where supplies and food for the animals are available, the ability of the farmer to adapt himself to this kind of farming, and, above all, a good market for his product. The fur market generally is the first to suffer at the first signs of a depression.

BOUNTIES.

Perusal of the comparative statement of bounties paid on predatory animals from 1922 to 1944, appearing on page 49 of this report, indicates the expenditure of a large sum of money, mainly contributed from the funds of the Department. There is a constant demand for increased bounties, the majority of these requests originating from those interested in the welfare of domestic stock; and it is felt that much better results can be obtained, should the bounty vote be increased, by the hiring of trained, properly equipped, and supervised predatory-animal hunters. The predator situation is one that affects the farmer as well as the sportsman and our game-supply.

Perusal of the statement on page 49 will indicate that claims for bounties covering the destruction of wolves have decreased from 1,659 in the peak year of 1940 to 1,321 for the year 1944, but it is felt that the peak of the cycle has passed.

The prices on coyote-pelts are dropping, and it is more than likely that a recommendation will be made for an increased bounty in the coming year.

Many organizations are advocating a $10 bounty on black bear, and suggestions have been made that this animal be placed on the predator list. Realizing that black bear are becoming too plentiful throughout the Province, they have been removed from protection by a close season, and now black bear may be shot at any time of the year. If the Government could find the funds to pay all bounties recommended by all the organizations interested in the matter, the annual payments would amount to over $125,000.

The predator situation in the eastern portion of the Province is one that gives this Commission some concern. There are several National parks lying between Alberta and British Columbia, and the policy of the Federal administration is to allow nature to take its course with game and predators alike, with the result that while we are enjoying the benefits of any possible overflow of game from the parks we are also paying bounties on a possible overflow of predators from these protected areas.

PUBLICITY AND TOURIST TRADE.

No effort has been made on the part of your Game Commission in recent years to advertise our resources outside of the Province, but we are continually appearing before meetings of Game Associations, Farmers' Institutes, and other clubs and organizations, as well as visiting many of the schools of the Province, and exhibiting our coloured game and sport-fish films. By this method of advertising, we feel that we have been successful in making the general public more game-conscious, educating the

school children along the lines of conservation, and the sportsmen in particular are realizing their responsibility in the matter of game-protection.

During recent years, but more particularly during the past few months, applications for the purchase of some of our choice hunting-territory, or lands surrounding certain excellent fishing-lakes, have been brought to the attention of your Game Commission.

Applications to purchase are usually received from non-residents, although we have also been advised of applications on behalf of residents, in some cases, for the purchase of choice beaver or muskrat swamps situated within the boundaries of a trapline that has been improved at the expense of some conscientious trapper. Efforts are also being made to purchase choice camping-sites on some of our most important lakes for the purpose of commercialization or speculation at the expense not only of our sportsmen but, in many cases, of the general public.

When such cases are brought to the attention of your Game Commission, an investigation is made and reports forwarded, with our recommendations, through the proper channels. The Department of Lands and Forests has co-operated fully in these cases, but it is a situation which will have to be watched, and we are indebted to the sportsmen for their co-operation in bringing many of these applications to our attention.

GAME PROPAGATION.

Some 3,477 pheasants were liberated throughout the Province during the year, the majority of these liberations being on the Lower Mainland. This number does not reach the proportions expected by the sportsmen, particularly on the Lower Mainland where we have over 12,000 licensed hunters between Vancouver and Chilliwack, all anxious to obtain pheasant-hunting near home. It is only by the artificial propagation of pheasants that we can hope to keep up an ample supply in the area mentioned.

We are continuing to trap live beaver on the Bowron Lake Game Reserve for the restocking of depleted areas, and it is hoped that our efforts along this line will continue to pay dividends.

During August we were successful in trapping some thirty-two blue grouse in the Campbell River district on Vancouver Island, and these birds were subsequently liberated on Texada Island. The transfer of these grouse was a success, and we hope to be able to continue placing a number of these excellent sporting birds on Texada Island for at least three years. This island was never naturally stocked with grouse, and with the excellent food conditions prevailing on the island there would seem to be little doubt regarding the success of the experiment.

MIGRATORY BIRDS.

The migratory-bird situation has been much the same as in past years. In some areas they were plentiful while in others they were scarce. So far as the Lower Mainland is concerned, the same conditions exist as in the case of pheasants, in that we find some 12,000 hunters trying to obtain good duck-shooting over a very limited area. Migratory-bird hunting in the Cariboo District was only fair, but there were more satisfied sportsmen throughout the Okanagan District, where, after considerable effort, they were at last granted a season closing at a later period of the year.

GAME-FISH CULTURE.

The game fishes of British Columbia are responsible, and will become more so as time goes on, for the influx of a great number of non-resident sportsmen. Our lakes, in the majority of cases, are in a healthy condition. Every effort, however, will have

to be made if we hope to retain the present stock of trout in our lakes and streams, many of which are now feeling the effects of overfishing. The present stocks can not be maintained, especially in the more heavily populated sections and in irrigation districts, unless we are in a position to assist in artificial propagation. More, larger, and better equipped hatcheries will be needed in the future. The employment of at least one trained fish-culturist is definitely necessary.

Your Commission is operating trout-hatcheries at Sooke and Qualicum on Vancouver Island, Stanley Park and Cultus Lake on the Lower Mainland, Kaslo and Nelson in the West Kootenay, and there are seasonal operations at Summerland, Penask Lake, Beaver Lake, Kelowna, Lloyds Creek, and Gerrard. We are also subsidizing the Cranbrook Hatchery, owned by the Cranbrook District Rod and Gun Club, Incorporated, and we are financially assisting other Game Associations in the operation of local rearing-ponds.

The two hatcheries on Vancouver Island were constructed some twelve years ago, and are badly in need of replacement, especially in the case of the Qualicum Hatchery. Through the drainage of swamps adjacent to the water-supply, and the consequent scarcity of water at both of these hatcheries, we have had to curtail production, and we feel that more fish could be produced at less expense if we were in a position to construct one modern hatchery centrally located and close to transportation on the east coast of the Island.

The hatchery at Stanley Park in Vancouver is well situated, but due to chlorination of the Vancouver City water-supply considerable trouble has developed, necessitating curtailment of production. It is hoped that, with the cessation of hostilities, chlorination will not be necessary, and that we can again resume normal operations at Stanley Park.

The sportsmen of the Okanagan realize the necessity for artificial propagation of sport fish in their district, and with this in mind they started out to raise funds by means of a trout Derby. During the year under review, the sportsmen of the Okanagan have conducted a Derby known as the "Okanagan District Trout Derby," with the intention of devoting surplus funds to the construction of a modern hatchery and the appointment of a fish culturist for the Okanagan District.

It is desirable that a trout-hatchery be constructed in the Okanagan District at a location where a suitable water-supply is available. Demands for water for irrigation purposes will increase as time goes on, and the location for the proposed hatchery must be very carefully selected, as it is due to irrigation and the consequent drying-up of streams that artificial propagation of trout in that district has become necessary.

A statement showing our trout distributions during the past season will be found on page 64.

ACKNOWLEDGMENTS.

As in the past, we have received from and through Commissioner T. W. S. Parsons and Deputy Commissioner John Shirras, and the members of the British Columbia Police Force, very valuable assistance and co-operation.

The assistance rendered by Dr. W. A. Clemens, Dr. D. C. B. Duff, and Dr. Ian McTaggart Cowan, of the University of British Columbia, has also been very gratifying. The usual co-operation of the Department of Agriculture and Department of Lands and Forests has also been received and is hereby gratefully acknowledged. Game Associations, Farmers' Institutes, and other organizations, as well as sportsmen in general, have been most helpful in our game-conservation work.

"A" DIVISION (VANCOUVER ISLAND, THE GULF ISLANDS, AND THE MAINLAND COAST FROM TOBA INLET NORTH TO CAPE CAUTION, INCLUDING THE ISLANDS ADJACENT TO VANCOUVER ISLAND NORTH OF CAMPBELL RIVER).

This Division is directly supervised from Vancouver. The following excerpts are from reports of the Game and Fishery Officers of "A" Division, along with observations made by members of the Game Commission.

Bear (Black).—Owing to the fact that the fur trade is no longer interested in the purchase of bear-hides, these animals have become so numerous that it has been necessary to provide a continuous open hunting season on them.

Bear (Grizzly).—While this animal is not found on Vancouver Island, they are fairly numerous at the heads of most of our coastal inlets from Bute Inlet north.

Deer (Coast or Columbian).—This smallest member of our native deer continues to provide the principal big-game hunting along the coast. They have been fairly plentiful during the past few years throughout the logged-off lands north of Comox on Vancouver Island and as far north as Sayward. Owing to complaints of damage in the area adjacent to Cobble Hill, south of Duncan, it was found necessary to provide a short open season on doe deer in order to reduce the population of deer in and around this farming area.

Mountain-goat.—This animal is not a native of Vancouver Island, but they are fairly plentiful throughout all our coastal inlet regions. The success of our endeavours to introduce mountain-goat in the Cowichan District some twenty years ago is still in doubt. Occasionally we find evidence of mountain-goat inhabiting the area north of Cowichan Lake. It is hoped that with the release of more labour when war hostilities cease, we will again be in a position to obtain another supply of mountain-goat through the National Parks Bureau in order to make further liberations in various suitable districts on Vancouver Island.

Wapiti (Elk).—There are several places on Vancouver Island where small herds of elk may be found, but they are not plentiful enough to warrant any open season on them. We have evidence that the black bear is a contributing factor in keeping the elk herds down. The elk in the Cowichan Lake country are increasing.

Fur-bearing Animals.

Vancouver Island produces a considerable quantity of fur, racoon and mink being the most plentiful. Marten, muskrats, and beaver are also found on the Island. Muskrats are not indigenous to Vancouver Island, but were introduced there about the year 1925. Since that time they have continued to thrive, and to-day they are providing a considerable amount of revenue to many trappers. The trapping season for beaver has been closed on Vancouver Island for many years, but in cases where a registered trap-line holder can prove that he has protected his line and beaver have increased, or are plentiful enough thereon to warrant trapping, permits are granted for the taking of a limited number. Permits are also granted where beaver are found to be doing damage.

Upland Game Birds.

Grouse (Blue).—Vancouver Island provides better grouse-shooting than anywhere else in the Province. The logged-off lands along the east coast provide the proper environment for this class of game. During the opening week-end, at one checking-station on the Cowichan Lake road in a six-hour check, some 1,537 blue grouse were tallied by a member of the Game Commission. This gives an indication of the numbers of blue grouse to be found and the popularity of this class of sport.

Grouse (Ruffed or Willow).—Willow grouse are not as plentiful as we would wish. This bird will stand a limited amount of shooting, but, as the Island becomes more settled, they are gradually disappearing.

Pheasants.—The pheasant population in "A" Division is very low. Complaints of damage by these birds in and around the Cowichan area received from property-holders has resulted in the curtailment of pheasant liberations in that district.

Partridge (European).—With the co-operation of the Nanaimo District Game Association, we are endeavouring to establish European partridge in an area south of Nanaimo, known as the Cedar District. Some small importations, when birds are available, have been made from Alberta and liberated in the district mentioned. It is too early at this date to report on the success or otherwise of this venture.

Migratory Game Birds.

Ducks and Geese.—Duck- and goose-shooting throughout the Division has been fair. The geese were more plentiful than they have been in recent years, but the opening date on the Canada geese was a little too late to allow hunting of these birds at the time they were most plentiful.

Black Brant did not put in an appearance in any numbers until the last few days of the season. The sportsmen on Vancouver Island are advocating a later season for these birds, but the "Migratory Birds Convention Act" does not allow for any later season than March 10th, and as the season has been closing on February 28th, there seems to be no likelihood of a later closing date being allowed.

Swans.—There were more swans observed in migration this season. Not since 1935 have they been seen in such numbers. As usual, we find the odd sportsman who can not resist shooting at and wounding, or killing, these birds, and some prosecutions have been successfully conducted for this offence.

Predatory Animals.

Cougar and Wolves are found throughout the Division, the cougar being by far the more plentiful. Some 64 cougar were killed on Vancouver Island during the year. Several complaints of wolves were received, but in most cases, after due investigation, the marauders turned out to be dogs. Wolves are not nearly so numerous on the Island as reports would indicate.

The Game Wardens of the Division have been doing fine work in destroying predators, such as cougar, stray dogs, domestic cats gone wild, crows, and ravens, etc.

"B" DIVISION (KOOTENAY AND BOUNDARY DISTRICTS).

By C. F. Kearns, Officer Commanding.

Herewith I beg to submit annual report of game conditions in "B" Division for the year ended December 31st, 1944.

Big Game.

Moose.—Moose are general east of the Kootenay and Columbia Rivers, in the Rocky Mountain section from the International Boundary to Canoe River. They are also well distributed, but in lesser numbers, on the west side of the above rivers. Reports continue to be received of moose being seen in the vicinity of Kootenay Lake, and the persistence of such reports over a period of years would indicate that they are definitely extending their range.

Wapiti (Elk).—Wapiti parallel the moose in the Rocky Mountains, both in numbers and tendency to extend their range to the Selkirk Mountains on the west side of the Columbia River and north from Golden. To what extent the elk will follow the moose is dependent on their ability to withstand the heavier snows of the Selkirk areas.

Due to the satisfactory stand of elk, the season has been extended, and it is interesting to note that a number of these animals—old bulls and dry cows—have been destroyed this past year in the adjacent National parks, where they were considered to be too plentiful. It should be noted that these animals range in and out of the National parks.

Favourable reports come from the experimental stockings of past years in the Princeton district, also in the South Okanagan District near Naramata. In both localities the season was opened and good trophies were available. The success in transporting elk to suitable areas has been amply demonstrated and might well be continued as the need arises, bearing in mind the former extensive range of the wapiti throughout the Province.

Sheep.—Rocky Mountain bighorn are probably the most attractive trophies for the visiting hunter. They are reported to be in fair numbers, considering the heavy toll of the hæmorrhagic septicæmia epidemic in 1941 and some sporadic outbreaks of the same, or some other similar malady, the following year. Their range is the Rocky Mountain section from the International Boundary to Golden.

Small bands have been reported in the Selkirks in the vicinity of Glacier National Park. These reports have been current for the past twelve years or more, and have again been confirmed by a reliable trapper, Earl Stevens, at the headwaters of the Duncan River. This area is practically inaccessible from a hunting standpoint due to the lack of trails and bridges.

There is no apparent change in the small bands near Okanagan Falls and on the Ashnola watershed near Keremeos. These sheep graze a limited range in competition with domestic stock and may be easily observed.

Caribou.—Caribou have their main range in the Selkirk Mountains, both east and west of Kootenay Lake from the International Boundary to the Big Bend on the Columbia River. An estimate of their numbers is difficult on account of their migratory tendencies, but the short open season is satisfactory, and hunters report they are not hard to locate, although they range mostly at timber-line elevations.

Mountain-goat.—Mountain-goat are generally plentiful in the Rockies and Selkirks, east of the Arrow Lakes, but are comparatively scarce in the Boundary and Similkameen Districts. They frequent the rocky and treeless peaks, where they are easily seen and stalked.

Mule-deer.—Mule-deer are abundant throughout the Division. The short open season on does in a portion of this Division during the year would not seem to have had any appreciable effect on the mule-deer stand, as the weather was quite warm and very few doe deer were reported as being taken.

White-tailed Deer.—This distinctive species may now be regarded as generally plentiful, although not in the great numbers of the mule-deer, with perhaps the exception of the Similkameen District, where they are on the increase.

Bear (Black, Brown, and Grizzly).—Black, or brown, bear are plentiful throughout the Division. Complaints have been received from the Princeton district of attacks on domestic stock by these animals, and they also occasion some damage to orchards. Destruction of the individual bears responsible usually relieves the situation.

Grizzlies are numerous on the watersheds of Arrow and Kootenay Lakes, Revelstoke, Big Bend, and Fernie districts. They are well distributed elsewhere, but are scarce to occasional in the Grand Forks-Similkameen area.

Fur-bearing Animals.

Due to the prevailing high price of furs, there is more than usual activity among trappers, and were it not for our trap-line registration system, the outlook for a continued stand of fur-bearers would be bleak. Trap-lines are, for the most part, held by

men who appreciate their value in yearly returns; also, many trappers are in the armed forces and their trap-lines should show an increase in potential value during their absence.

Forty years ago, due to uncontrolled trapping, pessimists were numerous who insisted that the beaver was in the same category as the buffalo—gone for ever. It is pleasant to note they were wrong. The annual catch of these animals for the past several years is concrete proof that, while it is not possible to have a completely satisfactory control of wild life, the registration system is the best game management plan so far evolved on this continent. While it functions as it does, we can dispense with close seasons, which were unpopular at best, because it is now possible to have a definite or fairly accurate estimate of our wild stock. At present trappers know just how much fur of any variety they may trap without jeopardizing their catch for next season.

Upland Game Birds.

Blue Grouse.—Generally plentiful, except in the Cranbrook district.

Ruffed (Willow) Grouse.—Are general, with the exception of Penticton, Creston, and Nelson-Trail areas. These grouse are particularly subject to local conditions, and if they survive in any numbers they must have suitable cover and reasonable open seasons. Reports indicate they have increased in those sections where no open season was allowed during the year.

Franklin Grouse.—Not so good. All sections report these birds (fool-hens) appreciably less than normal.

Sharp-tailed Grouse.—Scarce in the Boundary and Similkameen but quite plentiful in the Cranbrook-Kimberley area, where large flocks are to be observed from the highway. The increase in this area is approaching their former good numbers of earlier years.

Pheasants.—Plentiful in Similkameen, Lower Okanagan, Grand Forks, and Creston areas, where open seasons do not seem to lessen their numbers.

Plantings in other sections of the Division during the past few years have not been satisfactory. While most of these were frankly experimental, it was hoped they would be successful. Perhaps it was too much to expect that they would rival the success of places like Penticton, Grand Forks, or Creston, where conditions were right. These experimental plantings have been made at intervals over the past ten years with the co-operation of local Game Clubs and private citizens, but, with one or two possible exceptions, will simply have to be charged to experience.

Partridge.—These birds fluctuate in numbers and seem to be migratory to some extent, inasmuch as they frequently forsake a locality where they are quite numerous. They are common in the Lower Okanagan, Grand Forks, and Creston districts, with no appreciable increase.

California Quail.—Fairly plentiful in the Lower Okanagan and Keremeos districts, and a few are to be found near Grand Forks. A covey of bob-white quail was reported at Cranbrook, possibly transients from the State of Idaho.

Migratory Game Birds.

Ducks.—About normal. No appreciable increase, although a fair hatch of local ducks was reported. Bags were on the small side, with a smaller number of hunters than usual.

Geese.—Nested in good numbers in the Columbia Valley and the Beaton districts at the head of the Arrow Lakes. Shooting was spotty as a whole, except in the Creston district, where it was fairly good.

Wilson Snipe.—Plentiful at times in migration on the sloughs. Not hunted to any extent.

Coots.—Plentiful.

Swans.—Not reported during the year.

VERMIN.

The following vermin were destroyed by Game Wardens: Coyotes, 106; eagles, 19; owls, 57; hawks, 125; cats, 99; dogs, 19; crows, 376; cougars, 8; bears, 2.

A predatory-animal hunter, temporarily employed, killed twelve cougar.

GAME-PROTECTION.

There were forty-eight convictions and one dismissal under the "Game Act," and three convictions under the Special Fisheries Regulations for British Columbia.

GAME PROPAGATION.

No restocking of pheasants during the year. A limited amount of feed for game birds was put out, but winter conditions were generally favourable for them.

GAME RESERVES.

The Elk River reserve, comprising the upper watershed of the Elk and Bull Rivers, also White River, is the most important one as it is situated in the heart of the big-game country.

Game-bird sanctuaries at Nelson and Vaseaux Lake, south of Penticton, are also beneficial, and their establishment continues to meet with general approval.

Deer sanctuaries exist at Elko, Canal Flats, and the Kettle River. These are located on winter yarding-grounds, and serve as a haven should unusual conditions occur during the open season when deer might be too easily taken.

FUR TRADE.

Six resident fur-traders share in the fur-catch in the Division with the Vancouver traders; very little fur is exported directly out of the Province by trappers.

FUR-FARMING.

Due to unsettled conditions, fur-farming has declined in favour to some extent, although the established fur-farmers are doing well. The experiments in raising marten in captivity continue to be encouraging.

REGISTRATION OF TRAP-LINES.

Were it not for the system of registration of our trap-lines that is now on a sound and appreciated basis, there is no doubt that we would have had little or no control over the fur situation during these war years of high prices, and probably would have had, by this date, to return to the old unsatisfactory system of temporary closed seasons.

REGISTRATION OF GUIDES.

Thirty registered guides operated in the Division this year, but a number of guides resident in other parts of the Province usually have parties here as well. An increase is noted in hunters from Washington into the Kettle River area, but big-game hunters were somewhat fewer than in past years.

SPECIAL PATROLS.

Routine patrols were as usual during the year—by car, launch, rowboat, and horse-back, also on foot. Many trips were made to the headwaters of various creeks to plant eyed trout-eggs.

Hunting Accidents.

On October 7th, 1944, Stanley E. Angus was shot in the fleshy part of the calf of the right leg by his hunting companion, Mr. Holt, of Rossland. Mr. Holt was loading his shotgun, and when he snapped the breech shut one barrel went off. The shotgun was subsequently found to have a defective firing-pin which protruded. Recovered.

On November 2nd, 1944, Oliver From, of Cedar Creek in the Kettle Valley, was guiding a non-resident. He was walking along a ridge when his .32 Winchester Special rifle slipped from his hand, the butt striking the ground, and went off. At the same time he caught the gun by the muzzle, the bullet passing through the web of his left hand between the thumb and forefinger. Recovered.

Game-fish Culture.

This activity is reviewed in detail by Fishery Supervisor C. H. Robinson in his annual report.

Summary and General Remarks.

The Game Associations have been very active during the year and have particularly directed their interest to game-fish culture, their contributions to the hatcheries at Nelson and Kaslo taking the very tangible form of cash donations as well as voluntary labour. Sport-fishing in this section is increasing in popularity, and some concern is felt that the influx of visitors from the adjacent States and Provinces will react adversely against the present good fishing enjoyed by local residents.

The argument in rebuttal is, of course, simply a matter of expense. As pointed out in earlier annual reports, we are doing, and have done, very well in the way of fish-culture when it is remembered that we have very little up-to-date equipment and a most modest annual budget for fish cultural work. There is no question that with our present knowledge of Interior waters and problems, given a competent sum for this purpose, we will continue to have good fishing in the Division.

Game conditions are, as a whole, satisfactory. That is, there are plenty of big-game animals—possibly too many deer in some sections; birds are holding their own, and can be kept that way by regulating the open seasons accordingly.

Migratory birds show no undue depreciation, and the outlook for continued good hunting is bright if Nature does not become too capricious with weather, floods, fires, or epidemics.

Our cordial thanks are due to the Provincial Police, the Forest Branch, and Public Works Department for much direct assistance and the use of equipment during the year. The co-operation, advice, and timely assistance of many individual sportsmen, as well as of the various Game Associations in the Division, are gratefully acknowledged.

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

I herewith beg to submit report on game-fish culture and fishery conditions in "B" Division for the year 1944, combined with information supplied by the Game Wardens in their respective patrol districts.

Subject to seasonal conditions, most waters produced the average catches of sport fish, with notable improvement in the following waters: Windermere, Slocan, Arrow, and Okanagan Lakes, including also Similkameen River and Kaslo Creek.

While the supply of Kamloops trout eyed eggs received was much less than anticipated, all possible consideration was given to the replenishment of more accessible waters in preference to lakes situated in remote regions wherein angling was curtailed.

Prevailing water conditions in the Cranbrook and Nelson areas restricted in some respects the collections of cut-throat and Eastern brook trout eggs. The run of spawning Kamloops trout in the Lardeau River from Kootenay Lake compared favourably with any run for the past twenty-five years.

During the year progress slowed up on the construction of rearing-ponds due to help being difficult to obtain. However, the interest remains keen, and probably under normal conditions the good work will continue. So far the development of rearing-ponds has been largely at the expense and initiative of organized sportsmen, individuals, and municipalities.

The completion of improvements to the Nelson Hatchery by the Game Commission will be of public benefit throughout the district, together with the refrigeration plant, equipped entirely at the expense of local organized sportsmen and individuals.

Trout distributions are covered in detail elsewhere in the report of the Game Commission.

Similkameen and South Okanagan Waters.

Except the chain of lakes on Allison (One Mile) Creek, most other lakes produced the average catches of rainbow trout in the Princeton and Penticton areas. Some of the most important are referred to herewith.

Ludwig Lake.—Situated about 35 miles north of Princeton, provided good fly-fishing for the rainbow trout introduced in 1941. The Five Mile Range trail leading to the lake was much improved by the Forest Branch.

Hornet, Deadman, and Loosemore Lakes.—Located a short distance by trail off the One Mile Highway, 25 miles north of Princeton, produced good catches of rainbow trout, mostly taken on the fly, varying in weight to 10 lb.

Murphy Lakes.—Yielded good catches of rainbow trout to 5 lb., taken by fly and troll during the early part of the season. Later the region was closed for forest-protection.

Lightning Lakes.—Continued to produce the average catches of rainbow trout for the local and non-resident anglers. Natural reproduction has so far maintained the supply.

Nicomen Lake.—Situated in the Manning Park, was stocked with rainbow-trout fry for the first time, and the results appear encouraging.

Similkameen River.—The lower reaches of the river provided good fly-fishing for the rainbow trout up to 3 lb. The notable improvement can be attributed to the excellent co-operation received from the mining operators in that region in controlling the escapement of concentrator refuse. The upper reaches of the river are teeming with trout of a smaller size.

Clearwater Lake, Hedley.—The organized sportsmen of the Nickel Plate mine continue to take an active interest in this lake in an endeavour to increase the natural food-supply and the protection of spawning trout. The planting of trout fry in the lake was deferred. The Cathedral Lakes, situated in the Ashnola watershed, were not fished to any extent.

Twin Lakes.—The Eastern brook (speckled) trout planted in these somewhat small landlocked lakes in 1940 provided good fishing, mostly by trolling. Good numbers of carp are consumed by the trout—from stomach tracts examined.

Osoyoos Lake.—Situated partly in the Province, produced fair catches of rainbow trout during the early and latter part of the season. The organized sportsmen on both sides of the boundary are most anxious for the authorities to continue the restocking. The lake is inhabited with several species of non-native fish, such as the European carp, golden tench, small-mouthed black bass, and perch.

Bear and Madden Lakes.—The first-named lake produced fair catches of rainbow trout to 6 lb. in weight. The latter lake in recent years has not produced many trout from plantings effected each year. Consequently, the organized sportsmen of Oliver have recommended the introduction of Eastern brook-trout for experimental purposes. The lake is teeming with minnows.

Allendale Lake.—Provided some good fly- and bait-fishing for rainbow trout from intermittent fry plantings. The lake can be reached by a mountain road, about 12 miles, via Okanagan Falls, thence by trail a short distance. MacLean and Clarke Lakes in that region yielded fair catches of smaller trout.

Vaseaux Lake.—Adjacent to the highway, provided fair fishing for the large-mouthed black bass.

Skaha (Dog) Lake.—Showed a slight improvement in the catches of Kamloops trout, varying in weight to 10 lb. or more. It is quite probable the plantings of fingerlings from the Summerland Hatchery rearing-ponds, when operated, will ensure better results. There is some migration of trout up the connecting river to Okanagan Lake.

Okanagan Lake (South End).—The general Kamloops trout fishing, mostly by trolling, showed continued improvement. The best fishing was during the spring and fall, when limit catches were made ranging to 10 lb. and more. The usual allotment of kokanee eyed eggs was planted in suitable creeks primarily as a forage-fish.

The several small lakes—namely, Deer, Fish, Glen, Eneas, Agar, Garnet, Brenda, Silver, Chute, and Peachland—continued to produce the average catches of rainbow trout from yearly replenishment with fry.

Boundary District Waters.

Conkle (Fish) Lake.—This general utility lake provided fair fly-fishing and trolling for rainbow trout, with an improvement in size and condition. The planting of eyed eggs as scheduled was cancelled due to very high water temperatures in the outlet creek. With the promised co-operation by the local anglers, some improvements will be made to the inlet creek so as to assist natural spawning and egg plantings.

Kettle River and West Fork.—Apparently the rainbow trout fishing in these accessible waters was not quite so good. This might be attributed to water and seasonal conditions.

Jewel (Long) Lake.—Produced slightly better catches of Kamloops trout up to 5 lb. In the past most of the fish were taken by troll, but during the season fair numbers were taken on the fly. Due to the predacious habits of the chub-minnows, the planting of fingerlings in place of fry is strongly advocated.

Wilgress (Loon) Lake.—During the spring and fall the average catches of Kamloops trout were taken mostly on the troll, varying to 10 lb. in weight. From observations, minnows now inhabit the lake, probably from anglers discarding live bait, which is contrary to the fishery regulations, as the lake is practically landlocked.

The several outlying lakes—namely, Arlington, Collier, Clarke, Williamson, Bull, and Copper—and Boundary Creek continued to produce average catches of rainbow trout.

Smelter Lake and Granby River.—These accessible waters did not produce the desired catches of rainbow trout, in spite of excellent spawning areas to aid natural reproduction and yearly planting of eyed eggs and fry. Probably the increasing numbers of squawfish is a detriment; hence the requests received to reduce the numbers of undesirable fish, and these requests are receiving attention. The stretch of Kettle River flowing between Carson and Billings provided fair fly-fishing for rainbow trout.

Christina Lake.—Produced slightly better catches of Kamloops trout, mostly under 5 lb., during the spring and fall. The quite large yearly plantings of eyed eggs has been fairly successful, considering the presence of small-mouthed black bass.

While the small-mouthed black bass are not so plentiful in the southern portion of the lake, since less protection was afforded, average catches of rainbow trout were made during the summer towards the north end of the lake, mostly under 5 lb.

The kokanee (redfish) provided fairly good trolling throughout the season, which averaged about four to a pound, compared to about three to a pound last season. The

spawning of the kokanee was again extremely late, commencing the latter part of November, thus restricting the catches for commercial purposes, probably less than 2,000 lb., compared to 3,671 lb. in 1943.

Quite large numbers of European carp frequent the waters of Christina Lake; possibly the first introduction was from anglers discarding live bait. However, the carp would have eventually reached the lake as a result of the Grand Coulee Dam. Reduction in the number of carp is receiving attention.

West Kootenay Waters.

Big Sheep and Beaver Creeks.—Typical waters for the Eastern brook-trout were fished steadily by the anglers of Trail and Rossland. The extra protection afforded and yearly replenishment with fry together with natural reproduction has maintained the population of speckled trout. Under proper authority, steps have been and are being taken to reduce the numbers of mergansers (fish-ducks) on Big Sheep Creek to conserve trout-life.

Champion Lakes.—Yielded fair catches of Kamloops trout to 6 lb. as a result of fingerling liberations each year since 1939.

Columbia River.—Flowing between Castlegar and Waneta, provided fair fishing for rainbow trout for the numerous anglers of Trail. Coarse fish, including European carp, are on the increase since the formation of Coulee Lake (Columbia River), south of the border.

Arrow Lakes.—Some very encouraging reports were received of improved fishing for the Kamloops trout on the fly and troll, particularly in the upper lake, where, ordinarily, glacial silt is a detriment to trout-fishing during the summer months. The systematic planting of eyed eggs in the several inlet creeks has possibly contributed to the improvement, also some outward migration from Box Lake. The European carp are now present in these lakes, which may seriously affect the food-supply of trout and water-fowl.

Whatshan Lakes.—Provided the usual good fly-fishing and trolling for rainbow trout from natural spawning and eyed-egg plantings. It is of interest to mention that rainbow trout were taken up to 4 lb., as ordinarily the average size has been less than 1 lb. Very few Rocky Mountain whitefish were observed spawning, since the numbers were reduced during 1942–43.

Summit, Victor, Three Valley, and Griffin Lakes.—West of Revelstoke, received the third experimental planting of 150,000 cut-throat trout eyed eggs. While a few of the species have been observed about 5 inches in length, it is too early to express an opinion as to the success of these introductions. The lakes also provided fair catches of rainbow trout, which have been planted yearly, especially in Three Valley Lake. Begbie and Beaver Lakes supplied fair catches of rainbow trout up to 5 lb.

Trout Lake, Lardeau.—Compared to the season 1943, average catches of Kamloops trout were taken, mostly on the troll, up to 18 lb. Although the lake is in a remote location, it was well patronized by the local and non-resident American anglers. As the collection of eggs at Gerrard was considerably less than anticipated, the planting of proposed eyed eggs was deferred. However, it is possible the natural spawning in Trout Creek and at the outlet of the lake will suffice according to the present outtake.

Wilson Lakes.—Were fairly well patronized for fly-fishing and trolling, but compared to the previous season smaller catches were taken. The supply of rainbow trout has been reasonably maintained from natural spawning in the connecting creek and eyed-egg plantings. The diminishing food-supply has resulted in much slower growth.

Box and Summit Lakes.—Adjacent to the Nakusp–Slocan Highway, produced fair catches of rainbow trout; in fact the Box Lake fishing improved.

Bear and Fish Lakes.—Adjacent to the Kaslo–Sandon Road, estimated to have produced at least 10,000 mountain Kamloops trout. The proposed use of fertilizers in these alpine lakes was held in abeyance.

Slocan Lake.—Gratifying reports were received of improved fishing for the Kamloops trout by fly and troll, especially towards the north end of the lake. The planting of eyed eggs, fry, and fingerlings in the nursery waters possibly contributed towards the improvement. Experimental tests were made with drag-seines to reduce the numbers of coarse fish, with poor results, and more suitable equipment will be used next spring.

Cahill and Beatrice Lakes.—Were not fished to any extent. A suggested collection of Kamloops trout eggs at Cahill Lake on behalf of the sportsmen of Sandpoint, Idaho, is under consideration.

Slocan River.—Yielded fair catches of rainbow trout, but not in proportion to what should be produced from ideal natural spawning conditions and yearly restocking with fry. The stream is infested with squawfish and whitefish, which may be the cause of poor fishing for trout. Moreover, the trout may have a tendency to migrate to other waters.

Kootenay River.—Except the closed area, the rainbow trout fishing improved, especially at the mouth of Slocan River. The suggested lifting of the closure in that portion of the river between the Beasley boom and Slocan River was investigated and found inadvisable in view of war-time industries involved.

Rosebud Lake.—The fishing for cut-throat and rainbow trout was exceedingly poor; also, the collection of cut-throat trout eggs was seriously curtailed, amounting to 70,000 eggs as compared to 263,705 in 1943. It is doubtful whether many eggs can be expected from this source in future, although low-water conditions did not help the situation.

Boundary Lake.—This small lake continues to produce fair catches of Eastern brook-trout from yearly plantings of fry. The collection of 265,000 eggs was considerably less compared to 454,000 in the season of 1943. Low-water conditions changed the spawning habits of the speckled trout and few used the outlet creek, where collecting equipment was installed.

Salmon River and Tributaries.—The temporary suspension of concentrator operations on Sheep Creek has resulted in the lower reaches of the river being free of pollution for the first time in a period of approximately twenty years. The upper reaches and tributary streams produced good catches of rainbow trout since other pollution has ceased to exist.

West Arm of Kootenay Lake.—Reports varied from good to poor, as received from numerous anglers, with regard to fishing and catches of Kamloops trout. It is hoped that with the increased liberations of fingerlings from Nelson Hatchery rearing-ponds, the supply of trout will increase, subject to possible migration to the main Kootenay Lake. The marking of a percentage of fingerlings before liberation is recommended as it will be of importance in ascertaining the migratory tendencies, if any, of these fingerlings.

Kootenay Lake.—Average catches of large Kamloops trout were taken by trolling in the vicinity of Kaslo and towards the south end of the lake. The areas in the vicinity of Procter, Queens Bay, and Ainsworth did not produce as many trout as in previous seasons. The immature trout, varying in weight to 5 lb., provided some good fly-fishing at the mouths of creeks, also daily catch-limits were taken on the multiple lures which are frequently used.

The Nelson Gyro Club conducted their fifth Kootenay Lake Trout Derby from May 1st to November 15th, inclusive. The event included resident as well as non-resident anglers from Alberta and United States, and resulted in 329 Kamloops trout

of 5 lb. and over being weighed in and recorded. Total catch weight was 3,967 lb., and the largest trout taken in the competition weighed 23 lb. 6 oz., compared to a similar competition in 1943 when 253 trout were recorded, weighing 2,723 lb. 3 oz., and the largest trout weighing 19 lb. 6 oz.

Lardeau River.—Provides the principal spawning areas for the parent Kamloops trout of Kootenay Lake, and these spawning areas are approximately 30 miles up-stream and adjacent to the Gerrard Hatchery. The run of spawners has been well up to the average for the past twenty-five years, resulting in the spawning areas being well seeded. In addition, eggs were collected for artificial propagation. Again this season the clear water-flow induced a fair percentage of the fish to spawn below Canyon Creek.

War-time conditions restricted angling in the numerous alpine lakes in the Kootenay Lake drainage system, except Cottonwood and Six Mile Lakes, which were well patronized by juvenile anglers. Consequently, in some instances natural reproduction has been in excess of the food-supplies to support the increased population of cut-throat and mountain Kamloops trout that inhabit some of the lakes, resulting in slower growth and poor-conditioned fish.

Large-mouthed Black Bass.—Except in the south end of Kootenay Lake, these non-native fish were not observed in more distant areas. Moreover, the bass are still quite plentiful in the back channels and sloughs on Kootenay Flats, where they provide good spring and summer fishing with plugs, spoons, and flies.

Goat River.—The lower portion of the river produced fair catches of Kamloops trout. Above the canyon, which is a natural barrier, fishing for cut-throat trout remained fairly good, although the reduced water-flow and high water temperatures towards 70° caused the trout to have a tendency to work up-stream towards the forks, where excellent fishing was obtainable.

East Kootenay Waters.

Moyie River and Lakes.—Continued to supply fair catches of cut-throat and Kamloops trout by fly and troll. As the waters are accessible to auto travel, the amount of fish taken annually will increase under pre-war travel conditions. The substantial plantings of eyed eggs, fry, and fingerlings yearly has attained fair results. Natural spawning is much restricted.

Monroe Lake.—Produced average catches of cut-throat and hybrid trout, mostly by trolling. For the first time in ten years cut-throat and hybrid trout eggs were collected at the lake, being much restricted due to the north inlet being dry until May 4th and then flowing to about May 12th only. Eggs collected amounted to 115,000 cut-throat and 175,000 hybrid trout.

Mineral Lake.—This small productive lake supplied the usual good catches of cut-throat, hybrid, and Kamloops trout by fly-fishing and trolling. Approximately 28,000 hybrid trout eggs were collected at the small inlet creek. The last collection of eggs was in 1939.

Fish Lakes.—Reserved for fish cultural purposes, produced 862,000 cut-throat trout eggs, compared to 1,511,750 in the season 1943. Probably the reduced water-flow in the outlet creek contributed to the smaller collection.

Smith Lake.—The fishing for Kamloops trout improved; good catches were taken on the fly and troll during the spring and fall, varying to 14 lb. As there are no spawning areas to this lake, yearly plantings of fingerlings is carried out from the Cranbrook Hatchery.

Premier Lake.—Supplied fairly good catches of Kamloops trout by fly-fishing and trolling, mostly under 5 lb. Also some kokanee were taken by troll, having an average weight of 1 lb. Since the trout reach maturity at a smaller size, the majority frequent Diorite Creek to spawn, with good natural reproduction. In order to improve

the condition of the fish and afford more protection when spawning, May 1st has been recommended for the opening date instead of April 15th. The run of kokanee spawning in Diorite Creek was light.

St. Mary Lake, River, and Tributaries.—Provided fair fly-fishing and trolling for the cut-throat trout. The results of Kamloops trout and kokanee introduced commencing 1942 remain obscure at present.

Skookumchuck River.—The stretch of river flowing between the falls and Kootenay River, approximately 12 miles, provided fair fly-fishing for cut-throat trout, which are mostly migratory from Kootenay River. Moreover, favourable reports were again received of improved fishing for cut-throat trout above the falls, planted during the year 1935.

Kootenay River.—In spite of glacial conditions, the stretch of the river flowing between Canal Flats and Wardner provided good fishing for cut-throat and Dolly Varden trout towards the early fall.

Bull River and Tributaries.—The supply of cut-throat trout has been reasonably maintained from natural reproduction, affording good fly- and bait-fishing, except possibly in one or two tributary creeks. Since the logging-road was abandoned, less fishing is carried on.

Horseshoe Lake.—This small landlocked lake produced limit daily catches of Kamloops trout, taken mostly on baited multiple lures. In view of the large numbers of immature trout of about half a pound in weight being caught by such lures, the organized sportsmen requested the lake be closed until further notice for conservation measures, and this request was acted upon.

The several smaller lakes situated in the Cranbrook district—namely, Cooper, Twin, Fish (above Monroe Lake), Echo, Ta Ta, Packhams, Johnson, Rothwell, and Garbets Lakes (especially the latter lake)—produced good catches of cut-throat and Kamloops trout.

Fernie District.

Tie Lake.—Was not fished to any extent, although a few Kamloops trout were taken on the troll up to 5 lb. This would indicate that small allotments of fingerlings planted were successful, considering the presence of numerous coarse fish and shiners.

McBains (Rosen) Lake.—There was an improvement in the catches of Kamloops and cut-throat trout, mostly taken on the troll. The lake is quite important as a summer resort for the residents of Fernie and district; therefore, all possible consideration is being given to maintain and increase the supply of sport fish.

Surveyors Lake.—Adjacent to camping-grounds. Due to the large population of quite large chub-minnows, the yearly fry plantings were not very successful, although some Kamloops trout were caught 5 lb. in weight. The plantings of fingerlings in place of fry, commencing in 1943, indicate fruitful results.

Silver Springs Lakes.—The three small lakes continued to yield fair catches of Kamloops trout up to 5 lb. in weight, first introduced in 1921. It was observed on September 4th that minnows now inhabit the first and second lakes, possibly introduced by illegal discarding of live bait. The presence of these fish may seriously affect the growth of small trout.

Manistee, North Star, Burton, Loon, and Edwards Lakes.—Produced good catches of Kamloops trout, varying to 15 lb. in weight in some instances.

Elk River and Tributaries.—These typical cut-throat trout waters supplied the usual fair catches of cut-throat trout; but due to excessive angling by the local and non-resident Alberta anglers it is becoming difficult to maintain the supply of trout of legal size, coupled with the natural tendency of the larger trout to migrate up-stream, where they remain plentiful. The annual plantings of eyed eggs in nursery waters were considerably reduced owing to smaller collection of eggs.

Grave Lake.—Fair catches of Kamloops trout were taken on the fly and trolls, mostly under 5 lb. As conditions do not permit natural reproduction, the replenishment with fry each year is necessary. The experimental planting of kokanee fry as a forage-fish has received favourable consideration, and will be duly carried out from the Nelson Hatchery.

The local organized sportsmen have done very creditable work towards trail-improvements leading to Grave Lake together with placing an overhead cable trolley across the Elk River, and placing of stave piping at the outlet of the lake for possible collection of eyed eggs to be planted in place of fry.

Summit Lake, Crowsnest.—The intended liberation of rainbow trout fry in the lake was deferred due to very sluggish water conditions, caused by the very light snowfalls during the past two years. Barnes Lake produced good catches of cut-throat trout, although rather small. Natural spawning is ample to take care of the supply.

Columbia District.

Deer Lake.—The Kamloops trout fishing improved from plantings of eyed eggs commenced in 1941. The recent construction of logging-roads from Findlay Creek direct to the lake will increase the amount of fishing. Jeffrey Lakes near-by produced fair catches of cut-throat trout.

Columbia Lake.—Fair catches of Kamloops trout varying up to 8 lb. were taken on the troll. The lack of boats and accommodation curtailed the fishing. The planting of eyed eggs in the canal has been of great benefit to Lake Windermere.

Lake Windermere.—Very encouraging reports were received of improved Kamloops trout fishing, mostly by trolling; the trout taken varied in weight to 8 lb. The third planting of kokanee eyed eggs was effected, the result of which is looked forward to with interest.

Paddy Ryan Lakes.—Throughout the season these very accessible small lakes produced good fly-fishing for cut-throat trout up to 2 lb. in weight.

Lillian Lake.—Supplied some fly-fishing and good trolling for the Kamloops trout up to 5 lb. The spring and early fall fishing is the best. A stop-panel screen fence was placed in the outlet creek to prevent the outward migration of spawning trout. The expense of the set-up was borne by the local organized sportsmen.

Dunbar, Twin, and Bott (Fish) Lakes.—These general utility lakes produced good fly-fishing for native cut-throat trout, which are quite plentiful from natural spawning and from yearly plantings of eyed eggs. Other small lakes in the Fish Lakes region produced fair catches of cut-throat trout, with the exception of Hall Lakes, where low-water conditions affected the fishing.

Baptiste Lake.—Well-proportioned cut-throat trout were taken on the fly, varying to 5 lb. The creation of artificial spawning-grounds near the small inlet creek is receiving attention, so as to encourage natural spawning and to improve the condition of parent trout.

Magog, Cerulean, and Sunburst Lakes.—Situated in the Mount Assiniboine Park. A preliminary survey was carried out during October to determine the prospects of propagating the Montana black-spotted cut-throat trout introduced in 1935, which vary in weight up to 8 lb. This is good growth considering the short growing season in the lakes, which are found at about 6,000 feet elevation. As the trout spawn during the month of July, the investigation will be completed at the opportune time.

Blackwater Lakes.—The four small lakes connected and adjacent to the Trans-Canada Highway yielded good catches of rather small rainbow trout, mostly taken on the fly. The supply has been well maintained from limited natural spawning and fry liberations from the Cranbrook Hatchery.

Bush Lakes.—Partly adjacent to the Trans-Canada Highway, provided fair fishing for the rainbow trout up to 3 lb. from eyed-egg plantings. The planting of kokanee eyed eggs in the inlet creeks was carried out for the purpose of improving the food-supply for the trout.

Cedar Lakes (No. 1 and No. 3) and Wiseman Lake.—Produced fair catches of rainbow trout up to 6 lb.

Island Lake, Spillimacheen.—Planted with two small allotments in 1941–42. Results not yet determined.

The long periods of glacial silt entering the Columbia, Spillimacheen, Kicking Horse Rivers, and other tributary streams render them unsuitable for but few trout.

Summary of Hatchery Operations.

Summerland Hatchery.—Seasonal operations for the South Okanagan and Similkameen waters: Kamloops trout eyed eggs received from Beaver Lake Hatchery, 561,000; Lloyds Creek Hatchery, 170,000; Penask Lake Hatchery, 200,000; total, 931,000. Resultant fry distributed, 893,235.

Nelson Hatchery.—Yearly operations for East and West Kootenay, Boundary and Okanagan waters: Kamloops trout eyed eggs received from Gerrard Hatchery, 65,000; Lloyds Creek Hatchery, 350,000; Penask Lake Hatchery, 880,000. Cut-throat trout eggs collected at Rosebud Lake, 70,000; rainbow trout, 13,800. Eastern brook-trout eggs collected at Boundary Lake, 265,000; Loon Lake, 100,000, and 454,000 eyed eggs carried over from the fall of 1943. Kokanee (redfish) eggs received from Meadow Creek operations, 3,190,000.

Gerrard Hatchery.—Seasonal operations: Kamloops trout eggs collected at Lardeau River, 512,000, which were eyed and shipped to Kaslo, Cranbrook, and Nelson Hatcheries.

Kaslo Hatchery.—Seasonal operations: Kamloops trout eyed eggs received from Gerrard Hatchery, 300,000; the resultant fry for Kaslo and Bjerkness rearing-ponds. Kokanee eggs received from Meadow Creek operations, 3,544,000.

Cranbrook Hatchery.—Seasonal operations for East Kootenay waters: Cut-throat trout eggs collected at Fish Lakes, 862,000; Monroe Lake, 115,000, and 175,000 hybrid trout eggs; Mineral Lake, 28,000 hybrid trout eggs. Kamloops trout eyed eggs received from Gerrard, 125,000; Lloyds Creek Hatchery, 170,000; Penask Lake Hatchery, 300,000.

Meadow Creek, Lardeau.—Kokanee eggs collected, 6,734,000. Disposal sold to the Idaho State Fish and Game Department, 4,000,000 eyed eggs. Planted as eyed eggs and fry in waters of the Province, 1,985,500; approximate losses of eggs and fry, 748,500.

Summary of Rearing-ponds operated, etc.

Taft Hatchery and Rearing-ponds.—Due to war-time conditions and the poor state of the water-supply and ponds, operations were suspended after 1941. Subsequently, the Taft townsite and all buildings thereon were sold, resulting in fish cultural operations being abandoned at that point, and all portable equipment was transferred over to the Revelstoke Rod and Gun Club.

Summerland Hatchery Rearing-ponds.—Were only used temporarily during fry liberations into the south end of Okanagan Lake.

Nelson Hatchery Rearing-ponds.—Kamloops trout fingerlings retained from 1943: No. 2 pond, 39,449 (Lloyds Creek stock); No. 5 pond, 41,477 (Gerrard stock).

Construction-work and faulty water-supply compelled the liberation of fingerlings on January 27th from No. 2 pond into the West Arm of Kootenay Lake; estimated number released, 20,000, besides unrecorded escapement.

The fingerlings from No. 5 pond were liberated into the West Arm of Kootenay Lake, May 18th to 31st, and totalled 26,506. Transferred to No. 1 pond, 3,050; Champion Lakes, 1,500. Total liberations, 32,056 (weight count), and were from 3 inches to 4 inches in length.

Kamloops trout fry released in ponds, July and August: No. 2 pond, 22,361; No. 5 pond, 40,000 (Gerrard stock); No. 3 pond, 40,000 (Penask stock); No. 4 pond, 40,000 (Lloyds Creek stock). Owing to the condition of fingerlings in No. 5 pond, it became necessary to release them into the West Arm of Kootenay Lake, September 16th; estimated number, 29,722.

Approximate number of fingerlings in ponds as at December 31st: No. 1 circular pond, 2,995; No. 2 pond, 22,361; No. 3 pond, 33,202; No. 4 pond, 32,066; total, 90,624.

Bjerkness Rearing-ponds.—Kamloops trout fry from Kaslo Hatchery released in Nos. 1, 3, and 4 ponds, July 11th; 100,000 retained and fed once a day for a period of seven weeks, then water conditions compelled the liberation of resultant fingerlings, as follows: Kootenay Lake, 21,400; Slocan Lake, 6,000; loss in draining ponds, 65; total liberations, 27,465 (weight count, 600 to 1 lb.). The percentage of fingerlings raised was lower compared to previous years; due to predatory birds and insects, the visible loss was extremely light.

Kaslo Rearing-ponds.—Kamloops trout fingerlings retained from 1943, 37,657, subsequently released into Kootenay Lake between January 1st and April 24th. Total weight count, 24,585 fingerlings.

On August 19th 199,141 Kamloops trout fry were released in the pond, retained and fed until December, then due to the condition of the fish it became necessary to commence the liberation of resultant fingerlings into Kootenay Lake, and from December 16th to January 6th 67,450 fingerlings were released (weight count, 485 to 1 lb.). The liberation of the remainder of fingerlings in the pond was hastened by the pollution of water-supply from Kaslo Creek from mining operations. Approximate number of fingerlings liberated to January 13th, 1945, 130,209. Total liberations into Kootenay Lake, 197,659 fingerlings, according to hatchery records, although probably actual number released was somewhat less.

New Denver Rearing-pond.—Operation of this pond remained indefinitely suspended owing to the serious pollution of Carpenter Creek from mining.

Kimberley Rearing-ponds.—The proposed construction of rearing-ponds by the Kimberley Rod and Gun Club was deferred, pending possible co-ordinated action with other clubs.

Matthew Creek Rearing-ponds.—The usual 30,000 cut-throat trout fry were planted in the series of old abandoned beaver dams, wherefrom the fish have free access to the St. Mary River.

Fernie Rearing-ponds.—Towards the latter part of June 10,000 cut-throat trout fry were released in No. 1 and No. 2 ponds, which were attended to and fed by the members of Fernie District Rod and Gun Club. A good percentage were raised from 2 inches to 3 inches in length and released into the Elk River, November 14th.

Private Ponds and Small Lakes.—Five applications were received and granted to purchase small allotments of Kamloops trout fry and one for Eastern brook-trout fry.

Miscellaneous Subjects.

The disposal of stripped kokanee from spawning operations at Meadow Creek, Lardeau, was as follows: 6,000 lb. placed in refrigeration storage at the Nelson Hatchery, 5,000 lb. in the cold storage plant at Kaslo for feeding of trout fingerlings retained in rearing-ponds, and 1,000 lb. to local people for domestic use. The remainder of stripped fish were liberated.

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

Skaha (Dog) Lake.—Low water prevented carp from entering the traps at entrance of sloughs adjacent to Okanagan River. The general returns covering coarse fish taken during the year are at present not available, except from 1943 returns as referred to herewith.

Columbia River and Sloughs.—Suckers, 121 (67 lb.), by three licensed fur-farmers.

Christina Lake.—Suckers, 12 (40 lb.); ling, 43 (151 lb.); ordinary licences.

Chain Lake.—Suckers, 190 (500 lb.), by one licensed fur-farmer.

Osprey Lake.—Suckers, 190 (500 lb.), by one licensed fur-farmer.

Windermere Lake and Sloughs.—Suckers, 390 (840 lb.); squawfish, 601 (885 lb.); ling, 90 (150 lb.); total, 1,875 lb., by one licensed fur-farmer.

Similkameen River.—Approximately 50,000 very small suckers were destroyed.

Some experimental tests were made in Slocan Lake with drag-seines to reduce the numbers of coarse fish; the rugged shore-line and deepness of water prevented the capture of many fish. More effective equipment will be used next spring.

Salvage and Transfer of Trout.—Favourable water conditions in most streams prevented any serious loss of stranded trout, except in Big and Little Sheep Creeks, Rossland area, where losses of Eastern brook-trout occurred, which could not be avoided due to existing conditions.

Fish Guards and Screens.—The necessary screening of certain irrigation systems for conservation measures is receiving attention, and data in that respect is being recorded.

Fishways.—The six small fishways installed in dams under 10 feet in height are in fair condition and operating satisfactorily. The new dam and fishway constructed on McRae Creek, Christina Lake, by the Japanese, under the authority of the British Columbia Security Commission, was not completed, so the passage of fish remains unaffected.

Cottonwood Creek, Nelson.—A section of the lumber flume of approximately 200 feet was replaced with concrete by the Canadian Pacific Railway Company, with the installation of 4- by 4- by 3-inch concrete baffle-stops staggered and spaced 3 feet apart to afford free passage to migratory fish.

Obstructions.—The hydro-electric power-development on Kootenay River, near Brilliant, was completed and the water-control gates in the power dam were closed on June 6th, and in lieu of a fishway in the structure considered not feasible. The West Kootenay Power and Light Company, of Trail, contributed the annual sum of $600 towards maintaining the supply of trout in that portion of Kootenay River to Slocan Pool and in the Slocan River, tributary to Kootenay River, above the artificial barrier.

Lardeau River.—Natural obstructions, the Handy Log-jam. The channel north and adjacent to the major obstruction, which was cleaned out during the year 1941, has again become partially choked up as a result of logs and debris from Trout Lake. To ensure the free passage of spawning Kamloops trout from Kootenay Lake to their respective spawning-grounds adjacent to Gerrard Hatchery, provision is made in the 1945–46 estimates to remove the obstructions next fall.

From information on hand, there are no other naturally formed obstructions that would seriously impede or stop the movement of spawning or migratory trout.

Pollution by Mining Industries.—In some instances the operation of mines producing gold-bearing ores has been curtailed due to labour shortage, etc. Moreover, there is a notable improvement in certain streams that were polluted since effective control and impoundment of concentrator refuse, as referred to herewith.

Similkameen River.—During the spring there was an escapage of concentrator refuse into the river from a breakage in the impounding area of the Kelowna Explora-

tion Company at Hedley. At considerable expense the company has constructed and developed a large area to dispose of and impound their tailings to avoid pollution, with effective attention taken daily.

Similar action as above is taken by the Mascot Mining Company at Hedley, resulting in but slight pollution of Twenty Mile Creek, flowing into Similkameen River.

The Granby Mining, Smelting, and Power Company, of Copper Mountain, has taken very effective measures in the form of impoundment of concentrator refuse from some 5,500 tons of copper ore treated daily. Also similar precautionary measures are being taken to prevent the fine ashes entering the Similkameen River from their steam plant near Princeton.

Okanagan River.—Flowing between Okanagan and Skaha Lakes, became polluted towards the fall with waste fuel-oil as a result of escapage from a Canadian Pacific Railway Company earth dump adjacent to the river. Immediate attention was given to the repair of the sump, and to avoid a recurrence of pollution the company is constructing a concrete sump, which, with proper attention, will protect water-fowl, fur-bearing animals, and fish against polluted waters.

Columbia River.—Remained polluted with refuse discharged from the smelter and fertilizer plants operated by the Consolidated Mining and Smelting Company, of Trail. The pollution does, no doubt, restrict the circulation of trout in the region affected, and also is harmful to the bottom feed.

Salmon River and Tributaries.—For the first time in approximately twenty years the lower reaches of the river and Sheep Creek are free of pollution, since concentrator operations were suspended by the Sheep Creek Gold Mines and the Gold Belt Mines on Sheep Creek, the only two operations now in the Salmon River area.

Kaslo Creek.—Tributary to Kootenay Lake. The Kootenay Belle Gold Mines, Ltd., commenced the operation of the Whitewater mine, and in course of ore treatment pollution occurred intermittently in the creek from discharge of concentrator refuse. The operators have been most sincere in their efforts to control and impound the waste by installing pumping machinery, etc., but due to the breakdown of the power plant the pollution was unavoidable.

Seaton and Carpenter Creeks.—Flow into Slocan Lake. Owing to the steady and increased production and treatment of base-metal ores from the Zincton Mines, Ltd., the pollution continued. The Reco Mountain Base Metal Mines (Noble Five) at Sandon ceased operations since the concentrator burned down.

Slocan Lake.—The Western Exploration Company concentrator operated intermittently, resulting in a slight pollution of the lake, which does not seriously affect fish-life.

St. Mary River.—The steady and careful attention given to the impoundment of concentrator refuse from some 6,000 tons of base-metal ores treated daily by the Consolidated Mining and Smelting Company at Kimberley has prevented the serious pollution of the river.

Elk River.—The precautionary measures undertaken by the Elk River Collieries on Coal Creek has prevented coal sludge from entering the creek. Similar steps were taken by the Crow's Nest Pass Coal Company at Michel to prevent the pollution of Michel Creek, flowing into the Elk River.

Lumber Industries.—The operators of the various stationary and portable sawmills complied with the fishery regulations to prevent the pollution of waters frequented by fish from sawdust and mill refuse, including slash from logging operations.

Water Conditions. — The light snowfall in the East and West Kootenay areas resulted in smaller collections of cut-throat and Eastern brook-trout eggs, also, in some instances, the reduced water-flow in certain creeks restricted the planting of eyed eggs. Fortunately during the year there were no serious forest fires, thus conserving moisture and vegetation for the benefit of fish-life.

Diseases.—During the year no disease was observed or reported amongst fish-life in lakes and streams.

Introduction of Non-native Fish.—While precautionary measures have been taken in the fishery regulations to prohibit the possession and use of live bait, unfortunately each year we find the presence of undesirable fish in certain lakes which previously were inhabited with only trout.

Kaslo Hatchery.—In the event of the British Columbia Security Commission vacating the building towards next spring, provision is made in the 1945–46 estimates to effect the necessary improvements, with some financial aid from the organized sportsmen.

Gerrard Hatchery, etc.—Arrangements are pending with regard to the transfer of the hatchery building and staff-house from the Forest Branch to the Game Commission. The property is most useful for seasonal fish cultural operations, more particularly after the completion of the highway link between Shutty Bench and Lardeau.

Co-operation.—During the year we received splendid assistance from the organized sportsmen, individuals, municipalities, Forest Branch, Department of Public Works, and the Water Rights Branch; further, for scientific information supplied by Dr. W. A. Clemens and Dr. D. C. B. Duff, University of British Columbia, and Dr. G. Clifford Carl, Director, Provincial Museum, for which we offer our sincere thanks.

"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, 1944.

BIG GAME.

Moose.—The bag-limits taken from the Cariboo area gave indications of climatic conditions favourable to the killing of unusual numbers of these animals without even the skill of hunting demanded. In the ordinary course of events it seemed that this year favoured particularly even the inexperienced hunter, let alone the veteran of the woods. Some considerable opposition was voiced by the resident hunters and non-hunters in the Cariboo. To those depending in a business way on the tourist traffic and the visiting hunter might come a loss of business, and fears were widely expressed that a repetition of favourable climatic conditions might witness a pronounced deterioration in numbers as a business asset to the Cariboo and surrounding districts. It should nevertheless be remembered that we can not take one single year as a yardstick for future action. We have had several years, interposed with an occasional lag, in the taking of the usual quota of big game. Let us rather view the situation over the five-year period and judge our future course of action along these lines. If we work with the law of averages as a basis, I do not think for a moment that we are in the red at this stage. If similar conditions prevail, the coming year might provide argument for some restriction. However, there may be some merit in the suggestion for a shorter season. It is well worth considering.

A few tracks of moose were observed east of Beaver Lake in the Kelowna district and also at the head of Bear Creek. This species is on the increase in the Kamloops area. No sign of disease is reported.

Wapiti.—An open season was declared for the first time on wapiti at the head of Adams Lake. Not a single animal was taken to our knowledge. The habit that some sportsmen have of trying out their rifles in the area where they intend to hunt is not a good one. In a valley of limited width this practice has a tendency to drive animals

uphill. The obtaining of a substantial meat-supply was favoured by both resident and non-resident hunter alike.

Mountain-sheep.—To our knowledge the open season at Squaam Bay did not bring forth trophies. This area is difficult to negotiate. In the Shorts Creek area, near Vernon, their numbers appear to keep stationary. A thorough investigation by Predatory-animal Hunter Shuttleworth into the stand of mountain-sheep is now being undertaken.

Mountain-goat.—Very few of these animals were hunted this year.

Bear.—Black bear are still a menace to stock, particularly in the sheep-raising districts, and are still numerous. Limited numbers of grizzlies were taken in the Revelstoke and Crowfoot Mountains. Three grizzlies were reported killed by sheep-herders at the headwaters of Mission Creek last spring. These animals are described as being fairly numerous around the Bowron Lake sanctuary.

Mule-deer.—This species, and also that of the moose, provides the stand-by in the matter of game-supply. These animals are such prolific breeders that I doubt if British Columbia will ever run short of game. With the expected tremendous increase in post-war population, shorter open seasons should possibly be seriously considered. Deer were numerous in most sections of this Division.

Caribou.—The caribou herd at Clearwater remains stationary in the matter of numbers. If conditions are suitable, a special patrol will be made into the Clearwater area during the coming summer to ascertain the extent of summer range, and also their general conditions.

Reports from Bowron Lake on the stand of caribou are not at all reassuring, and according to information received many hunters in the past have wantonly slaughtered these animals. Wolves have also played their part in this destruction. The use of a plane and the employment of six trained hunters for one month would soon reduce this pest. Foot hunting over wide areas is too slow to cope with this menace. The caribou population, reported stationary in some places and dwindling in others, should be thoroughly investigated. Besides the predatory-animal situation there is another factor having a physiological bearing relating to stationary big-game populations, of which little is known.

Wolves are a recurring problem in British Columbia, and if additional funds are required for this purpose then it should, by all the means at our disposal, be given prior consideration so as to eliminate one possible factor in reduction of big game, especially where the species is reported either at a standstill or are decreasing in numbers.

FUR-BEARERS.

A slight increase is generally reported in the beaver population in several detachments. In many species, I am of the opinion that we are operating far short of our fur-bearing potential. After several disappointments in the delay of our request for conservation measures relating to beavers, surely this will at last materialize. The regrettable feature of all these delays is the lack of substantial increase of beavers as shown, instead of the gradual upward swing in numbers of an animal so obviously necessary to the welfare of this Province. Progress is made in steady, substantial growth. Other fur-bearers are much the same as in previous years.

The beaver census is again submitted and is self-explanatory. Indians are excluded until the Dominion Government scheme for the conservation of beavers takes more definite shape. Some comment has been made occasionally that these figures are not accurate. It might also be said that the return of catch by trappers could stand very close checking. There is only one way to obtain this and that is through the fur-buyers' records. We have no Provincial-wide access to these records. The Game Wardens are responsible for the checking of census returns over certain trap-lines, and also those lines with a beaver census of ten animals and under. The success of this system is to

a fairly large extent in their hands, but it requires the co-operation of all concerned, including the facilities at our disposal, to check records. Education is required, and in this regard I would strongly suggest the use of moving pictures as a constructive medium. The Indians on the reserves are a fertile field for the dissemination of ideas and the stepping-up of education in the conservation of fur-bearers. This should also apply to white trappers.

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
1943–44	361	7,609	21.06

Several patrols were made beyond the border of the Yalakom Game Reserve by Game Warden W. A. H. Gill. Beavers have now moved into the southern portion of this reserve, and a report states that they are making a steady increase.

Upland Game Birds.

Upland game birds are due for an open season in the Cariboo, and a general recommendation is made to this effect for 1945, with the exception of Williams Lake. The Game Warden for that district recommends an extension of the close season. A slow increase is mentioned in the Clinton Detachment. Ornithologists should, and invariably do, know the cycle of scarcity and abundance in grouse. It would appear to the writer that there should be a shortening, or even closing, of the season when at the bottom of the periodic decline, and an increase in the length of the season when it reaches its maximum in the upward swing. The suggestion has a scientific basis.

Army manœuvres in the Vernon district did not help the pheasant situation. In the Kamloops area the pheasant-shooting was reasonably good. Trapping of pheasants in the Tranquille area is being followed during the present winter, 1944–45. If weather conditions permit, we should liberate roughly thirty or forty birds around Kamloops. The pheasants around Kamloops were hard to get during the open season, and complaints of damage to crops were few in number. Quail are reported on the increase in the Okanagan, and particularly at Kelowna.

Migratory Game Birds.

In the Vernon district ducks were fewer in number due to the drying-up of small lakes. The migration to the South of ducks and other water-fowl took place, to a very large extent, around October 30th. This was immediately prior to a cold and unusually blustery period of weather lasting seven days. This spell of bad weather was, no doubt, partly responsible for the departure, but it is well known that there is a much more powerful influence affecting bird migration, entirely apart from weather conditions. Some migratory birds make their northern migration flight very often through unfavourable weather conditions. The explanation of the mystery of migration has never yet been given.

The winter of 1944–45 in the Interior of British Columbia has been a very mild one up to date (January 31st, 1945). According to reports from Kelowna, roughly

2,000 whistling swans were observed migrating south last fall. In my opinion, considerable numbers of ducks are unable to make the southern migration because of injury from lead shot during the open season.

VERMIN.

Seven Wardens destroyed the following predators: Coyotes, 150; crows, 256; owls, 85; hawks, 151; magpies, 551; cats (stray), 152; dogs (stray, etc.), 17; bobcats, 4; ravens, 23; golden eagles, 5; bears, 13; cougars, 8; and wolf, 1.

Fairly large numbers of predators were killed by hunters in several districts, but owing to shortage of ammunition this activity has been curtailed.

The use of the telescope and rifle is one of the best methods of destroying coyotes known at present. An occasional trapper has had some success, but largely before the snow comes. There is considerable room for inventive genius in the destroying of much larger numbers of coyotes. Something in the nature of a very large wire pen of sufficient height with adjustable bottoms and raised from the ground, with bait placed inside long before the pen is to be used as a trap, might be utilized. The bottom flaps could be dropped by means of a simple mechanical arrangement once the animals had acquired the habit of entering and feeding on the bait without interference. This method might have the advantage of capturing the entire number of coyotes feeding on, or hanging around, the bait at one time. The question of choosing the right time for such an experiment would be all important. It is worth a try at any rate. This animal is exceptionally hard to outwit.

GAME-PROTECTION.

The cabin constructed by Game Warden Gill, with the assistance of one other officer, has been a very important factor in the better protection of mountain-sheep and beaver in the Yalakom Game Reserve. Seventy prosecutions were obtained during the year, resulting in sixty-seven convictions. Two of these were laid by the Provincial Police; two cases were dismissed and one remanded indefinitely.

GAME PROPAGATION.

Twelve pheasants were trapped at Tranquille and liberated in other parts of the Kamloops area. The trapping of pheasants is continuing. Twelve live beaver were captured and liberated in various parts of the Province. I think this system of propagation could be largely increased through the acquisition of new beaver sanctuaries.

GAME RESERVES.

The accommodation at Bowron Lake has been greatly improved, and great credit is due to Game Warden E. Holmes for the thorough workmanlike manner in which the job has been accomplished. Yalakom Game Reserve has been fairly well patrolled, and a general increase in fur-bearers and mountain-sheep has been noted.

FUR TRADE.

Most of the fur trade is carried on through Coast agencies.

FUR-FARMS.

A few are operating. A bibliography of all fur-farming books has been prepared in this Division, and one is given to each prospective fur-farmer. This is an industry with tremendous possibilities, and a plan could quite well be prepared as a post-war scheme.

Registration of Trap-lines.

This system works very smoothly and gives little trouble. The better the maps we have, the easier the task becomes. There are roughly 98 per cent. renewals four months before the end of the trapping season. As a system of registration of geographical boundaries, it would be difficult to find its equal. Once completed in all phases of the ultimate plan, it will become a trouble-free system. Educational facilities should be a major part of fur-conservation.

Registered Guides.

I would like to say the same for the registered guides as I did for the registration of trap-lines. Unfortunately, we are not yet organized in this very important branch of our work. There is a lot to do in this field. It is to be earnestly hoped that some constructive effort will be made during the coming year, especially with the end of the European war apparently in sight.

Special Patrols.

A special patrol was made by Game Wardens Mottishaw and Jobin in connection with a minor trap-line dispute in the vicinity of Cariboo Lake. There were no special patrols of an outstanding nature.

Hunting Accidents.

Russell Erickson, 146 Eighty-third Street North, Seattle, Washington, was accidentally shot in the foot while trying a pump shotgun near Likely, B.C., on October 4th, 1944. This man lost a toe, and part of his foot was badly bruised, but was soon released from the hospital at Williams Lake, B.C.

J. A. Sampson, of Vancouver, B.C., was accidentally shot in the right eye, near the left eye, in the left antrum, in the right ear, in the left shoulder, and in the left hand by his companion, Frank Andrews, while they were hunting pheasants on the Duffy Ranch, near Kamloops, on October 14th, 1944. Sampson later had to have his right eye removed.

On November 30th, 1944, Private Bennett A. Janning, Regimental No. K607656, First Battalion, Sault Ste. Marie and Sudbury Regiment, was hunting near his home at Darfield, B.C., while on leave. He shot himself in the foot accidentally while crawling through a barbed wire fence. It was necessary to remove the second toe of the left foot. Private Janning was unable to explain how the gun went off, but thought it must have been set off by the barbed wire becoming caught in one of the hammers of the gun.

Nothing of a really constructive nature has ever yet been devised in connection with hunting accidents and in cases where hunters lose their bearings. Despite all the frequently recurring accidents in the hunting field, we are still very much behind in the adoption of new ideas. While it is true, according to one Game Association, that hunters should be trained to avoid accidents from boyhood and which incidentally, should be one of the main duties of all Game Associations, evidence appears to show that most of the hunting accidents are caused by older hunters and not the young men.

To help in the reduction of these accidents might I suggest that the use of moving pictures of the right and wrong way in the use of firearms be encouraged, and that these pictures be shown as a regular feature of our programme.

In the industrial field the use of colours as a medium of safety promotion has been long established. It has recently been developed as a result of war-time industry to a very high degree, and standardization of this safety system is now utilized throughout Europe and the North American Continent. Any suggestion, however small, that will

be likely to provoke thought in the prevention of hunting accidents should be encouraged and given proper publicity.

The colour commanding greatest attention in the hunting field and apparently by far the most stimulating, is what has been described by industrialists as " alert orange," and it would seem to the writer that the use of this colour should be encouraged. Actual tests carried out a few years ago by this Department, and described in a previous annual report, left no doubt in the minds of the observers engaged in this test. The use of a cap either of red or orange does not cover a large enough area to enable the hunter to instantly detect the colour in another hunter. The writer has used an " alert orange " sweater for years, and at a distance of 2 miles he can be instantly identified. Some hunters state that this colour is too easily identified by game animals. This assertion has not yet been scientifically demonstrated. Curiosity is an inherent weakness in most animals, and if a colour such as " alert orange " will delay the departure of a game animal once a hunter wearing this colour is observed, provided animals are sensitive to certain colours, then it would be an asset to the hunter rather than act as a deterrent to a successful hunt. Surely no hunter in the field to-day would ever resort to following the law of all fauna protection in the use of natural camouflage, and yet many hunters actually use neutral colours. This in itself would be an invitation to the average hunter to pot-shot something resembling, say, a deer if the other hunter were to wear khaki.

Summary and General Remarks.

The open season on big game and the prevailing conditions favoured a heavy kill of those animals. Many of the resident hunters became alarmed over the exodus of such large numbers, particularly moose. The average kill over a five-year period would be a better indication. It seems that a census of all big-game animals killed should be taken. The open season on wapiti at the head of Adams Lake produced no results. The bulls were too far back and the season too early.

In the matter of bird-hunting, the close season on grouse in the Cariboo has, no doubt, had a good effect. Shorter seasons with carefully regulated bag-limits might prevent close seasons. The adjusting of the bag-limits and length of season could well be synchronized with the cyclic increase and decrease on grouse.

In the realm of the fur-bearer, there is a tremendous field for expansion both in wild fur and fur-farmed animals. Plans to increase this asset should be under way as a post-war measure.

The bird-shooting, both upland and migratory, was not up to previous years. Many of the ponds had dried up. There appeared to be a premature migration of migratory water-fowl under weather conditions of a temporary nature, which did not improve matters. There are, no doubt, thousands of ducks quite unable to make the long migratory trip south because of injury. Predators do their share of killing under those circumstances.

To all hunters and Game Associations, and to members of the Forestry Service, the Water Rights Branch, and Provincial Police, we extend our grateful thanks for the help and advice so ably given.

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

By T. Van Dyk, Officer Commanding.

Big-game Animals.

Favourable weather conditions prevailed throughout the winter and spring. All big-game animals are reported on the increase, with the exception of caribou in the area south of, and in, Tweedsmuir Park.

Fur-bearing Animals.

Fur-bearers are on the increase in the areas trapped by the white trappers. Indian territory, owing to improvidence and carelessness of the owners, is steadily decreasing in value and the catches becoming less every year. It has been suggested that beaver on Indian territory should be closed for a period of four or five years. Such a drastic step, although advisable, should be carefully studied before being implemented.

Upland Game Birds.

Weather conditions having been more favourable, a substantial increase in all species is reported, and the close season mooted last year will not be necessary.

Migratory Birds.

Good hunting was afforded the nimrods during last season. The season could be extended two weeks at the beginning of the hunting season in the Eastern District, that is from September 1st to December 30th in each year.

Vermin.

Complaints regarding depredations by coyotes and timber-wolves are decreasing. Predatory-animal hunters appointed during the season 1944–45 killed a very small number of predators, and, in my opinion, their services may not be required during next season.

Game-protection.

Game officers in "D" Division carried out their duties in the usual efficient manner, covering their respective detachment areas with a view of protecting game, supervising trapping, inspecting fur-farms, checking fishing, etc.

A distance of 100,647 miles was covered by members of the Game Department stationed in "D" Division. All means of transportation were used, as follows:—

	Miles.
Train	4,016
Automobiles	79,402
Foot (including dog-team)	5,437
Horses (including sleighs)	722
Boat (steamer and river-boats)	5,322
Plane	9,764

As pointed out previously, an increase in the staff of Game Wardens in "D" Division is fast becoming a necessity, caused by the construction of new highways throughout the Northern Interior. This matter will, I hope, receive due consideration when estimates are submitted to the Legislature.

Game Propagation.

No propagation-work has been started in this Division. No reports on past work —the liberation of elk in the Queen Charlotte Islands—have been received.

Some complaints were received regarding the liberation of racoons on these islands, and the suggestion made by Game Warden E. Martin that more racoons and some mink be liberated should not be considered at this time.

Game Reserves.

No game reserves are located in "D" Division. The sanctuaries or safety zones created in the vicinity of Prince Rupert, Smithers, Vanderhoof, and Prince George are

giving satisfaction. Quite a number of migratory birds are using the areas in the vicinity of Prince George, Vanderhoof, and Smithers during the migration both north and south.

FUR TRADE.

Another successful season passed. Fur, although not abundant, brought very good prices, especially the northern pelts.

Legislation passed establishing a licence covering transient fur-buyers has been well received by the fur trade in general, and has had a tendency to stabilize the established trading-posts.

FUR-FARMING.

This industry is not receiving sufficient attention. Some 500 farms were started in the Division, but only about thirty remain active.

REGISTRATION OF TRAP-LINES.

Registration of trap-lines is being widely recognized as sensible and farseeing legislation; results far exceed expectations, and trap-lines which a few years ago were worthless are now rated at from $2,000 to $10,000 in value.

Closer supervision and protection, by employing more Game Wardens and creating special game districts, especially where the trap-lines are fast becoming fur-farms, should be given the trappers and trap-lines.

The Indian trapper should receive special attention, with a view of stopping the indiscriminate killing of the fur-bearers and create an incentive to conserve the fur on the trap-line, thereby creating fur-farms rather than trap-lines. Special legislation should be passed dealing with poachers who steal furs from their neighbours. Such offences could, perhaps, be brought under the Criminal Code of Canada.

REGISTRATION OF GUIDES.

The number of big-game hunters visiting British Columbia having increased during the last season, 1944, as compared with the 1943 season, most guides were occupied. A greater influx is anticipated, and a shortage of qualified guides is expected.

New regulations will be put in force during the next season, 1945, which, I hope, will result in greater efficiency in the field on the part of the guides, to the satisfaction of the non-resident hunters.

SPECIAL PATROLS.

Numerous patrols were undertaken by the Game Wardens in the Division, who undertook some lengthy and strenuous patrols that could be considered of a special nature; but the patrols maintained by Game Warden P. Brown, of Vanderhoof, during the year, one of which was brought to our attention by the favourable comments made by the N.C.O. i/c of the Fort George District, letter dated December 5th, 1944, are brought to the attention of the Game Commission as outstanding and most efficient, and although such patrols are made as regular duties of a Game Warden, I bring same to your attention as, to my mind, the work of this Game Warden is outstanding and constant.

Special patrols undertaken by Constable W. Trant, of Bella Coola, and Constable J. W. Todd, i/c Telegraph Creek, during 1944, are also brought to your attention.

The patrol to Anahim Lake and Ulgatcho by Constable Trant, Game Wardens Stevenson and Roumieu was very effective and very good work accomplished. Various Indian settlements were visited for the first time. Some 300 miles were covered, mostly by saddle-horse.

Hunting Accidents.

The following accidents occurred:—

Prince George District.—James Watts Phillips, of Prince George, carrying a loaded firearm in his car for the purpose of killing bear doing damage around his sawmill, on arrival near camp saw a bear, stopped his car, stepped out, dragging his loaded rifle behind him; the gun discharged, bullet entering left side of back. Death was instantaneous. Coroner's inquest held September 1st, 1944, found death to be accidental.

Vanderhoof Detachment.—John Braithwaite, of Lejac, aged 11 years, on November 11th, 1944, during his father's absence and contrary to his parents' wishes, took a single-shot .22 rifle to shoot squirrels near a granary. Having cocked the gun, same tangled into some brush; the rifle discharged, shot entered the boy's right thigh and lodged in the left thigh. Report received December 6th that the boy had completely recovered. The parents having been sufficiently punished, no prosecution was instituted.

Game-fish Culture.

Kamloops trout eyed eggs were again supplied by the Game Commission to a number of Rod and Gun Clubs in this Division. Same were distributed as follows:—

The Prince George Rod and Gun Club received 80,000 eyed Kamloops trout eggs, operated a small hatchery, and distributed the fry as follows: Cluculz Lake, 25,000; Summit Lake, 10,000; Bednesti Lake, 10,000; Summit Lake, 15,000; and West Lake, 5,000. Total, 65,000; loss, 15,000.

Bulkley Valley Rod and Gun Club received 60,000 eyed Kamloops trout eggs, also operated a small hatchery and distributed the fry as follows: Seymour Lake, 2,000; McClure Lake, 3,000; Kathlyn Lake, 38,000. Total, 43,000; loss, 22,000.

Terrace Rod and Gun Club received 5,000 eyed Kamloops trout eggs, which were planted in streams and tributaries flowing into Kitsumgallum Lake, north of Terrace.

As a result of plantings, which extend over a period of years, fishing along the Canadian National Railway from Prince George to Hazelton is improving steadily, and will eventually be the main attraction of the district, especially to tourists and big-game hunters. This work will be kept up and, if possible, increased and improved from year to year.

The efforts of the various Rod and Gun Clubs mentioned above are worthy of commendation, and it is hoped that such public-spirited efforts will be kept up during the coming year.

In addition to Kamloops trout, 10,000 kokanee eyed eggs were planted in Cluculz Creek. Results of this planting will not be noticed for a number of years. It is proposed to continue such plantings over a period of years, or until results of the plantings are available.

Summary.

As a whole, the past season was very successful; weather and breeding conditions have been favourable, with the result that an increase in the number of big-game animals, game birds, and migratory birds is quite noticeable. The close season mooted last year will not be necessary during the season 1945–46.

Friendly relations have been maintained between the British Columbia Police and Game Officers, and I take this opportunity to extend to all British Columbia Police Officers my sincere thanks for the support they were always ready to give the Game Wardens in this Division.

The various Game Clubs in "D" Division have, as in the past, co-operated to the fullest with the Game Wardens in the Division, and I respectfully suggest that the thanks of the British Columbia Game Department should be extended to each club.

To all Game Wardens I extend my sincere thanks for their loyal support, and sincerely hope that the same loyal and efficient spirit will prevail during the coming season.

"E" DIVISION (MAINLAND COAST NORTH TO TOBA INLET AND LOWER MAINLAND AS FAR INLAND AS NORTH BEND).

As in the case of "A" Division, this Division is supervised from Vancouver, and the following are excerpts from reports of the Game Wardens and Fishery Officers of the Division.

Big Game.

Deer (Coast or Columbian).—While this Division is not generally conceded to be a big-game district, still coast deer are fairly plentiful. This game animal provides the principal big-game hunting of the Division.

Elk (Wapiti).—The elk liberated in Howe Sound at McNab Creek, some 30 miles from Vancouver, are slowly increasing.

Mountain-goat.—A few mountain-goat are found in parts of the district, but they are not considered plentiful enough to warrant the hard hunting necessary to obtain a specimen or trophy. Most of the big-game hunters of the Lower Mainland are going farther afield for their game. With road conditions steadily improving throughout the Interior, it is a much easier matter to reach good big-game districts by automobile than it is to reach the coastal big-game districts by launch.

Fur-bearing Animals.

The Fraser Valley still produces a large number of muskrats. Other fur taken in the district includes marten, mink, weasel, racoon, red fox, with beaver and otter being scarce. The red fox is considered a pest in the Fraser Valley, and organized efforts are being made to keep them from becoming too plentiful. The Game Wardens at Chilliwack and Mission Detachments have several foxhounds, and have accounted for a large number of foxes this year.

Upland Game Birds.

Grouse (Blue and Ruffed).—"E" Game Division is not favoured with a great number of grouse. Willow and blue grouse may be found in parts of the Division, but not in numbers great enough to warrant a lengthy open season. No doubt the settling-up of the Fraser Valley has been the cause of the decrease in the willow grouse of the district.

Pheasants.—This splendid game bird provides the principal sport on the Lower Mainland. It is a difficult matter to keep up the supply of pheasants required, and to satisfy the number of licensed hunters in the district, there being considerably over 12,000 licensed sportsmen expecting to obtain good pheasant-shooting between Vancouver, Ladner, and Chilliwack.

In recent years the Lower Fraser Valley farming has changed from a grain-growing district to one of dairying, which naturally has a material bearing on the pheasant population. With the ever-increasing hunting population, the breaking-up of large farms into smaller holdings and consequent increase in population, the change in the variety of farming, and the large number of red foxes to be found throughout the area, it is becoming more necessary to assist the pheasant population by ever-increasing liberations of pheasants purchased from licensed pheasant-farmers.

California Quail.—There is only one small area in "E" Division in which there are sufficient quail to warrant a short open season. That area referred to is the Ladner district.

Partridge (European).—This fine sporting bird does not do well on the Lower Mainland. Efforts have been made in the past to obtain stock from the Province of Alberta, but without any great success.

Migratory Game Birds.

Ducks.—Some fair duck-shooting was obtained during the past fall in the Fraser Valley and along the shores of the gulf, but here again the fact that the Lower Mainland is becoming a dairying district is having a serious effect on our duck-shooting. Fair shooting can still be obtained on the Fraser River marshes and foreshores, but it takes stormy weather to provide good shooting inland.

Geese.—Canada geese were fair, but the smaller varieties were most plentiful, especially early in the season.

Black Brant.—Some very fine brant-shooting was obtained on the odd day at Boundary Bay when tides and climatic conditions were right. The brant-shooting in this district is difficult owing to the very limited area in which it is possible to obtain the birds and the very great number of sportsmen desiring to hunt them.

Band-tailed Pigeons.—These birds are not plentiful. During the past few seasons they have been fewer in number, and it may be necessary to shorten the coming season.

Predatory Animals.

The principal vermin found in the Division are house-cats, with the odd cougar and coyote. The red fox is the pest that is giving the Department a great deal of concern.

Sportsmen have been unable to carry on their usual activities in conducting organized crow-shoots owing to the scarcity of shotgun shells. The Wartime Prices and Trade Board was very co-operative in releasing a quantity of ammunition through the Game Associations for this purpose, but the response by the sportsmen was slow. It is expected that better results will be obtained next spring now that the sportsmen are familiar with the procedure of obtaining the ammunition for the purpose of destroying noxious birds.

Fur Trade.

Vancouver is the principal fur-trading centre in the Province. Many dealers are operating in the city, as well as two fur-auction agencies. Prices have been fairly steady, with a slight falling-off on the longer-furred animals, such as racoon, fox, coyote, etc. There has been a considerable increase in fur-royalty collections during the year.

STATISTICAL STATEMENTS.

COMPARATIVE STATISTICS, 1913–44.

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
1944	379	372	7	8	5,570.50	238,902.36	70,363.23
Totals	12,952	12,115	809	797	$180,084.57	$4,536,188.13	$1,295,779.80

Statement of Resident Firearms Licences and Deer-tags, January 1st to December 31st, 1944.

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	798	$2,394.00	9	$33.00	4	$48.00	70	$685.00			2	$1.00	888	$222.00	17	$34.00	$3,417.00
Ashcroft	126	378.00	30	177.00			3	30.00			2	1.00	78	19.50	28	56.00	661.50
Atlin	13	39.00	12	69.00			20	200.00									308.00
Clinton	85	255.00	104	527.00	3	36.00	149	1,455.00			5	2.25	177	44.25	34	68.00	2,387.50
Cranbrook	512	1,536.00	351	2,029.00			30	291.00			6	2.25	1,122	280.50	32	64.00	4,202.75
Cumberland	1,646	4,938.00	4	18.00	6	72.00	1,460	1,442.00	50	$125.00	20	9.25	2,225	556.25	53	106.00	7,266.50
Duncan	902	2,706.00	7	36.00	2	24.00	28	265.00			5	2.25	1,133	283.25	58	116.00	3,432.50
Fernie	319	957.00	166	982.00	3	36.00	63	609.00			12	4.75	649	162.25	31	62.00	2,813.00
Fort Fraser	181	543.00	128	760.00	1	12.00	186	1,779.00	20	50.00			113	28.25	149	298.00	3,470.25
Golden	86	258.00	100	579.00			50	470.00			1	.50	241	60.25	41	82.00	1,449.75
Grand Forks	145	435.00	4	24.00			32	316.00					200	50.00	83	166.00	991.00
Greenwood	89	267.00	1	6.00							1	.50	155	38.75	66	132.00	444.25
Kamloops	872	2,616.00	197	1,072.00	4	48.00	165	1,604.00	1	2.50	8	4.00	1,176	294.00	281	562.00	6,202.50
Kaslo	56	168.00	14	84.00	1	12.00	9	90.00					57	14.25	6	12.00	380.25
Kelowna	630	1,890.00	51	267.00	2	24.00	24	237.00			4	1.75	626	156.50	308	616.00	3,192.25
Lillooet	169	507.00	49	285.00			37	367.00					218	54.50	15	30.00	1,243.50
Merritt	147	441.00	11	63.00			31	310.00			3	1.00	92	23.00	59	118.00	956.00
Nanaimo	1,220	3,660.00	15	90.00	1	12.00	33	321.00			7	3.00	1,635	408.75	130	260.00	4,754.75
Nelson	702	2,106.00	77	424.00	7	84.00	134	1,337.00			6	2.00	651	162.75	280	560.00	4,675.75
New Denver	115	345.00	13	78.00			8	80.00			2	.50	80	20.00	48	96.00	619.50
New Westminster	3,169	9,507.00	401	2,234.00	7	84.00	194	1,849.00			20	9.25	1,904	476.00	1,373	2,746.00	16,905.25
Oliver	114	342.00	3	18.00			1	10.00			1	.50	219	54.75	154	308.00	733.25
Penticton	649	1,947.00	43	224.00	2	24.00	31	285.00			8	3.75	814	203.50	383	766.00	3,453.25
Pouce Coupe	238	714.00	207	1,227.00	78	936.00	326	3,220.00	52	130.00	1	.50	337	84.25	143	286.00	6,597.75
Powell River	270	810.00	17	96.00	1	12.00	42	408.00			1	.25	191	47.75	5	10.00	1,384.00
Prince George	426	1,278.00	243	1,411.00	5	60.00	256	2,535.00	4	10.00			251	62.75	71	142.00	5,498.75
Prince Rupert	708	2,124.00	112	657.00	135	1,620.00	215	2,132.00	8	20.00			1,003	250.75	9	18.00	6,821.75
Princeton	281	843.00	40	221.00	4	48.00	51	478.00			6	2.25	300	75.00	48	96.00	1,763.25
Quesnel	144	432.00	98	573.00	2	24.00	99	976.00	19	47.50			240	60.00	70	140.00	2,252.50
Revelstoke	152	456.00	36	195.00			45	450.00			1	.50	54	13.50	11	22.00	1,137.00
Rossland	694	2,082.00	26	138.00	2	24.00					6	2.75	494	123.50	4	8.00	2,378.25
Salmon Arm	226	678.00	44	248.00			60	585.00			4	2.00	294	73.50	300	600.00	2,186.50
Smithers	155	465.00	108	609.00			58	568.00	49	122.50	4	2.00	148	37.00	26	52.00	1,855.50
Telegraph Creek	8	24.00	15	90.00	3	36.00	59	578.00	72	180.00							908.00
Vancouver	6,035	18,105.00	515	2,915.00	45	540.00	182	1,769.00			53	25.50	3,231	807.75	156	312.00	24,474.25
Vernon	883	2,645.00	44	248.00			42	416.00			7	3.25	959	239.75	490	980.00	4,532.00
Victoria	2,277	6,831.00	21	102.00	7	84.00	68	634.00			13	8.00	2,485	621.25	167	334.00	8,614.25
Williams Lake	168	504.00	113	634.00	2	24.00	209	1,979.00			3	1.50	303	75.75	96	192.00	3,410.25
Windermere	80	240.00	103	590.00	2	24.00	48	460.00			3	1.00	445	111.25	30	60.00	1,486.25
Totals	25,490	$76,466.00	3,532	$20,033.00	329	$3,948.00	4,518	$31,220.00	275	$687.50	215	$99.00	25,188	$6,297.00	5,255	$10,510.00	$149,260.50

Registered trap-line transfer fees—59	147.50
	$149,408.00
Less refunds	279.25
	$149,128.75

REVENUE DERIVED FROM SALE OF RESIDENT ANGLERS', GUIDES', FREE FARMERS', AND PROSPECTORS' FIREARMS LICENCES, JANUARY 1ST TO DECEMBER 31ST, 1944.

Government Agency.	Anglers.		Guides.		Free Farmers.	Prospectors.		Total.
	No.	Amount.	No.	Amount.	No.	No.	Amount.	
Alberni	759	$759.00	.....	.....	19	5	$3.00	$762.00
Ashcroft	159	159.00	8	40.00	10	11	1.00	200.00
Atlin	.....	.....	.....	.....	.....	1	.....	.....
Clinton	220	220.00	70	350.00	8	4	.....	570.00
Cranbrook	1,230	1,230.00	1	5.00	39	27	1.00	1,236.00
Cumberland	1,153	1,153.00	.....	.....	68	2	.....	1,153.00
Duncan	787	787.00	.....	.....	86	.....	.....	787.00
Fernie	812	812.00	3	15.00	5	.....	.....	827.00
Fort Fraser	.....	.....	4	20.00	19	20	1.00	21.00
Golden	98	98.00	6	30.00	28	4	.....	128.00
Grand Forks	202	202.00	10	50.00	20	6	.....	252.00
Greenwood	156	156.00	.....	.....	40	10	.....	156.00
Kamloops	1,505	1,505.00	23	115.00	148	23	2.00	1,622.00
Kaslo	195	195.00	.....	.....	9	16	.....	195.00
Kelowna	1,002	1,002.00	.....	.....	85	4	2.00	1,004.00
Lillooet	148	148.00	2	10.00	8	32	2.00	160.00
Merritt	281	281.00	.....	.....	18	1	1.00	282.00
Nanaimo	1,181	1,181.00	.....	.....	38	2	.....	1,181.00
Nelson	1,836	1,836.00	1	5.00	54	26	1.00	1,842.00
New Denver	327	327.00	.....	.....	17	6	.....	327.00
New Westminster	4,222	4,222.00	.....	.....	207	18	2.00	4,224.00
Oliver	205	205.00	.....	.....	16	3	.....	205.00
Penticton	1,141	1,141.00	1	5.00	38	6	.....	1,146.00
Pouce Coupe	.....	.....	18	90.00	21	4	.....	90.00
Powell River	547	547.00	.....	.....	13	1	.....	547.00
Prince George	1	1.00	9	45.00	49	21	6.00	52.00
Prince Rupert	7	7.00	3	15.00	8	16	2.00	24.00
Princeton	535	535.00	2	10.00	13	37	1.00	546.00
Quesnel	4	4.00	17	85.00	40	44	1.00	90.00
Revelstoke	255	255.00	2	10.00	8	13	.....	265.00
Rossland	1,137	1,137.00	.....	.....	2	19	.....	1,137.00
Salmon Arm	398	398.00	4	20.00	116	2	1.00	419.00
Smithers	3	3.00	.....	.....	23	12	.....	3.00
Telegraph Creek	.....	.....	3	15.00	.....	27	.....	15.00
Vancouver	5,384	5,384.00	7	35.00	53	61	6.00	5,425.00
Vernon	1,327	1,327.00	.....	.....	228	19	1.00	1,328.00
Victoria	1,550	1,550.00	.....	.....	84	14	.....	1,550.00
Williams Lake	25	25.00	32	160.00	52	16	2.00	187.00
Windermere	306	306.00	11	55.00	21	.....	.....	361.00
Totals	29,098	$29,098.00	237	$1,185.00	1,711	533	$36.00	$30,319.00
							Less refunds	3.00
								$30,316.00

Revenue derived from Sale of Non-resident Firearms and Anglers' Licences and Outfitters' Licences, January 1st to December 31st, 1944.

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	.....	.....	.....	.....	.....	.....	11	$19.00	5	$25.00	.....	.....	$44.00
Ashcroft	3	$75.00	.....	.....	.....	.....	3	6.00	6	30.00	.....	.....	111.00
Clinton	9	220.00	.....	.....	.....	.....	10	14.00	20	100.00	.....	.....	334.00
Cranbrook	5	125.00	.....	.....	.....	.....	76	103.00	53	265.00	.....	.....	493.00
Cumberland	3	75.00	.....	.....	.....	.....	57	76.00	15	75.00	.....	.....	226.00
Duncan	4	100.00	.....	.....	.....	.....	18	28.00	5	25.00	.....	.....	153.00
Fernie	19	475.00	.....	.....	5	$75.00	416	528.00	183	915.00	.....	.....	1,993.00
Fort Fraser	.....	.....	.....	.....	.....	.....	6	7.00	3	15.00	.....	.....	22.00
Golden	3	75.00	.....	.....	1	15.00	5	5.00	11	55.00	.....	.....	150.00
Grand Forks	.....	.....	1	$38.00	.....	.....	83	133.00	45	225.00	.....	.....	396.00
Greenwood	8	195.00	.....	.....	.....	.....	34	81.00	13	65.00	.....	.....	341.00
Kamloops	12	300.00	.....	.....	2	30.00	53	145.00	130	650.00	.....	.....	1,125.00
Kaslo	1	25.00	.....	.....	.....	.....	24	37.00	39	195.00	.....	.....	257.00
Kelowna	18	450.00	.....	.....	.....	.....	288	595.00	363	1,815.00	.....	.....	2,860.00
Lillooet	.....	.....	.....	.....	.....	.....	1	3.00	1	5.00	.....	.....	8.00
Merritt	.....	.....	.....	.....	.....	.....	13	41.00	10	50.00	.....	.....	91.00
Nanaimo	.....	.....	.....	.....	.....	.....	38	64.00	19	95.00	.....	.....	159.00
Nelson	18	450.00	.....	.....	.....	.....	418	708.00	183	880.00	.....	.....	2,038.00
New Denver	.....	.....	.....	.....	.....	.....	10	12.00	3	15.00	.....	.....	27.00
New Westminster	641	16,025.00	4	200.00	.....	.....	490	947.00	1,017	5,085.00	.....	.....	22,257.00
Oliver	44	1,100.00	.....	.....	.....	.....	130	200.00	99	495.00	.....	.....	1,795.00
Penticton	1	25.00	.....	.....	1	15.00	56	77.00	35	175.00	.....	.....	292.00
Pouce Coupe	21	525.00	.....	.....	6	90.00	6	12.00	19	95.00	2	$100.00	822.00
Powell River	.....	.....	.....	.....	.....	.....	12	19.00	5	25.00	.....	.....	44.00
Prince George	13	325.00	.....	.....	1	15.00	11	21.00	.....	.....	.....	.....	361.00
Prince Rupert	1	25.00	.....	.....	.....	.....	.....	.....	7	35.00	.....	.....	60.00
Princeton	.....	.....	.....	.....	.....	.....	16	31.00	2	10.00	.....	.....	41.00
Quesnel	1	25.00	.....	.....	.....	.....	2	4.00	2	10.00	.....	.....	39.00
Revelstoke	2	50.00	.....	.....	.....	.....	.....	.....	2	10.00	.....	.....	60.00
Rossland	.....	.....	.....	.....	.....	.....	5	5.00	4	20.00	.....	.....	25.00
Salmon Arm	1	20.00	.....	.....	.....	.....	6	7.00	13	65.00	.....	.....	92.00
Smithers	.....	.....	.....	.....	.....	.....	.....	.....	1	5.00	.....	.....	5.00
Telegraph Creek	1	25.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25.00
Vancouver	52	1,300.00	6	300.00	1	15.00	35	48.00	88	440.00	1	50.00	2,153.00
Vernon	8	200.00	.....	.....	1	15.00	21	41.00	14	70.00	.....	.....	326.00
Victoria	4	100.00	.....	.....	.....	.....	19	25.00	26	130.00	.....	.....	255.00
Williams Lake	6	150.00	.....	.....	.....	.....	.....	.....	3	15.00	.....	.....	165.00
Windermere	10	250.00	.....	.....	3	45.00	165	171.00	68	340.00	.....	.....	806.00
Totals	909	$22,710.00	11	$538.00	21	$315.00	2,538	$4,213.00	2,512	$12,525.00	3	$150.00	$40,451.00
												Less refunds	250.00
													$40,201.00

STATEMENT OF NON-RESIDENT ORDINARY FIREARMS LICENCES AND ANGLERS' LICENCES (MINORS), JANUARY 1ST TO DECEMBER 31ST, 1944.

Government Agency.	Non-resident Ordinary Firearms Licences.		Anglers' Licences (Minors).		Total.
	No.	Amount.	No.	Amount.	
Clinton	----	----------	1	$1.00	$1.00
Cumberland	----	----------	1	1.00	1.00
Duncan	1	$3.00	1	1.00	4.00
Fernie	----	----------	23	23.00	23.00
Golden	1	3.00	-------	----------	3.00
Grand Forks	----	----------	2	2.00	2.00
Kamloops	1	3.00	5	5.00	8.00
Kelowna	----	----------	54	54.00	54.00
Lillooet	----	----------	1	1.00	1.00
Merritt	----	----------	1	1.00	1.00
Nelson	----	----------	26	26.00	26.00
New Westminster	----	----------	67	67.00	67.00
Oliver	----	----------	27	27.00	27.00
Penticton	----	----------	1	1.00	1.00
Pouce Coupe	3	9.00	-------	----------	9.00
Salmon Arm	----	----------	1	1.00	1.00
Vancouver	3	9.00	3	3.00	12.00
Victoria	2	6.00	-------	----------	6.00
Windermere	----	----------	14	14.00	14.00
Totals	11	$33.00	228	$228.00	$261.00

Revenue derived from Sale of Fur-traders', Taxidermists', and Tanners' Licences and Royalty on Fur, January 1st to December 31st, 1944.

Government Agency.	Resident Fur-traders' Licences.		Resident Fur-traders' Licences (transient).		Agent for Non-resident Fur-traders' Licences.		Royalty or Tax on Furs.		Taxidermists' or Tanners' Licences.		Total.
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	
Alberni	1	$25.00					6	$22.90			$47.90
Atlin	3	75.00					5	15.73			90.73
Clinton	3	75.00					2	.98			75.98
Cranbrook			1	$100.00			6	13.50			113.50
Cumberland							6	13.85			13.85
Duncan							2	64.25			64.25
Fernie							17	36.70			36.70
Fort Fraser	17	425.00	1	100.00			100	2,351.33			2,876.33
Golden							11	48.38			48.38
Grand Forks							1	.50			.50
Kamloops	2	50.00					14	85.02	1	$2.00	137.02
Kaslo							3	6.20			6.20
Kelowna							6	33.00			33.00
Lillooet	1	25.00									25.00
Merritt	2	50.00					14	71.21			121.21
Nanaimo							1	6.85	1	2.00	8.85
Nelson	4	100.00					11	55.57	1	2.00	157.57
New Denver							1	11.80			11.80
New Westminster							14	68.29			68.29
Penticton	2	50.00					2	9.55			59.55
Pouce Coupe	29	725.00	2	200.00	2	$400.00	541	13,482.46	1	2.00	14,809.46
Prince George	6	150.00					65	3,221.08			3,371.08
Prince Rupert	12	300.00	1	75.00			45	2,074.59			2,449.59
Princeton							1	19.00			19.00
Quesnel	8	200.00	4	400.00			16	193.63			793.63
Revelstoke							3	7.20			7.20
Rossland							11	48.57			48.57
Salmon Arm							5	37.20			37.20
Smithers	8	200.00					15	1,841.87			2,041.87
Telegraph Creek	6	150.00					74	2,592.98			2,742.98
Vancouver	59	1,475.00	6	600.00	2	400.00	370	36,582.22	6	12.00	39,069.22
Vernon	3	75.00					6	30.75	1	2.00	107.75
Victoria							80	261.29	2	4.00	265.29
Williams Lake	14	350.00	3	300.00			9	86.43			736.43
Windermere	1	25.00					4	17.35			42.35
Totals	181	$4,525.00	18	$1,775.00	4	$800.00	1,467	$63,412.23	13	$26.00	$70,538.23
								Less refunds			175.00
											$70,363.23

TOTAL COLLECTIONS FROM FUR TRADE, 1921 TO 1944, 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
1944	63,412.23	6,951.00	70,363.23
Totals	$1,171,721.41	$144,237.00	$1,315,958.41

Comparative Statement showing Pelts of Fur-bearing Animals on which Royalty has been collected during the Period 1921 to 1944, 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).	Fox, Black.	Fox, Platinum (Farmed).	Lynx.	Marten.	Mink.	Muskrat.	Otter.	Racoon.	Skunk.	Squirrel.	Weasel.	Wolverine.	
1921	2,489	...	473	711	62	259	297	...	...	...	1,240	11,128	10,693	75,185	666	2,651	361	...	26,285	329	$24,595.80
1922	2,127	...	26,359	536	88	356	443	...	...	...	1,855	12,181	18,932	139,232	915	6,069	715	...	24,603	298	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	52,122.03
1944	234	21	18,147	685	1,902	3,234	4,688	223	2	1	2,419	11,077	39,307	88,182	721	3,546	582	379,299	32,236	209	63,412.23
Totals	19,721	93	423,952	16,769	35,817	27,243	34,782	4,530	2	1	69,216	234,882	499,141	1,178,864	17,875	89,807	14,309	2,580,663	997,735	6,346	$1,171,721.41

Note.—Royalty first put into effect in July, 1921.

PARTICULARS OF VARIOUS PELTS OF FUR-BEARING ANIMALS ON WHICH ROYALTY HAS BEEN PAID, JANUARY 1ST TO DECEMBER 31ST, 1944.

Government Agency.	Number and Kind of Pelts.																			
	Badger.	Bear.	Beaver.	Fisher.	Fox, Silver.	Fox, Cross.	Fox, Red.	Fox, Blue (Farmed).	Fox, Black.	Fox, Platinum (Farmed).	Lynx.	Marten.	Mink.	Muskrat.	Otter.	Racoon.	Skunk.	Squirrel.	Weasel.	Wolverine.
Alberni	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	11	22	4	2	22	.....	.....	.....	.....
Atlin	.....	2	8	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	53	1	.....	.....	14	15	.....
Clinton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	4	3	.....
Cranbrook	.....	1	4	.....	14	1	.....	.....	.....	.....	.....	.....	39	.....	.....	.....	.....	.....	1	.....
Cumberland	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	14	1	1	73	.....	.....	.....	.....
Duncan	.....	.....	.....	.....	.....	.....	.....	217	.....	.....	.....	.....	100	.....	.....	.....	.....	.....	.....	.....
Fernie	.....	2	29	.....	.....	.....	1	.....	.....	.....	.....	1	15	11	.....	.....	1	.....	15	.....
Fort Fraser	.....	.....	793	31	88	140	122	.....	.....	.....	67	334	1,386	2,478	21	.....	31	16,334	1,470	2
Golden	.....	6	10	.....	.....	.....	.....	.....	.....	.....	.....	14	42	269	.....	.....	.....	114	20	.....
Grand Forks	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kamloops	.....	1	35	2	2	3	1	.....	.....	.....	7	12	50	129	.....	.....	2	231	73	.....
Kaslo	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	75	4	.....
Kelowna	.....	.....	.....	.....	104	.....	.....	.....	.....	.....	.....	4	28	.....	.....	.....	.....	.....	1	.....
Merritt	.....	.....	5	.....	235	.....	.....	.....	.....	.....	3	.....	10	9	.....	.....	.....	28	34	.....
Nanaimo	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23	.....	.....	11	.....	.....	.....	.....
Nelson	.....	3	13	.....	43	.....	.....	.....	.....	.....	.....	24	6	31	1	.....	.....	56	29	.....
New Denver	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118	.....	.....	.....	.....	.....	.....	.....
New Westminster	.....	1	2	.....	119	.....	.....	.....	.....	.....	.....	.....	41	220	.....	1	3	2	.....	.....
Penticton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	80	.....	.....	.....	.....	10	9	.....
Pouce Coupe	.....	40	4,662	84	256	1,780	3,212	.....	2	.....	1,082	944	1,464	3,662	12	.....	11	38,543	2,967	9
Prince George	.....	6	1,362	87	39	168	160	.....	.....	.....	134	396	938	1,575	17	.....	20	18,604	1,891	27
Prince Rupert	.....	.....	548	6	1	5	15	.....	.....	.....	1	551	3,173	265	96	.....	1	742	486	7
Princeton	.....	.....	.....	.....	76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Quesnel	.....	.....	21	2	5	5	3	.....	.....	.....	11	25	32	542	4	.....	.....	3,509	197	.....
Revelstoke	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	1	.....	.....	.....	.....	50	19	.....
Rossland	1	.....	18	.....	.....	.....	.....	.....	.....	.....	.....	4	3	498	.....	.....	.....	11	9	.....
Salmon Arm	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	368	.....	.....	.....	.....	.....	.....	.....
Smithers	.....	.....	469	60	15	80	64	.....	.....	.....	22	538	261	332	26	.....	35	16,036	2,066	5
Telegraph Creek	.....	4	1,337	55	13	54	82	.....	.....	.....	313	405	598	829	28	.....	.....	3,574	964	63
Vancouver	20	121	8,807	354	691	995	1,020	2	.....	.....	778	7,737	28,728	77,192	508	3,299	478	281,186	21,921	96
Vernon	.....	6	.....	.....	109	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....
Victoria	.....	40	10	.....	90	.....	1	1	.....	1	.....	3	1,709	4	4	140	.....	12	1	.....
Williams Lake	.....	.....	12	4	.....	3	4	.....	.....	.....	.....	51	2	62	.....	.....	.....	164	41	.....
Windermere	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	11	56	.....	.....	.....	.....	.....	.....	.....
Totals	21	234	18,147	685	1,902	3,234	4,688	223	2	1	2,419	11,077	39,307	88,182	721	3,546	582	379,299	32,236	209

List of Fur confiscated under "Game Act," January 1st to December 31st, 1944.

Date of Confiscation.	Confiscated from.	Confiscated at.	Kind of Fur confiscated.							
			Beaver.	Fox, Red.	Fisher.	Marten.	Mink.	Muskrat.	Weasel.	Squirrel.
Jan. 6	Mr. Funk	Renata	1	----	----	----	----	----	----	----
,, 21	Fedorus, Samuel	Lumby	----	----	----	----	----	----	1	1
Feb. 16	Alexander, Jack	Lulu Island	----	----	----	----	----	2	----	----
,, 16	Lazare, Peter	Vanderhoof	----	----	----	----	----	----	----	6
,, 21	Jacquot, Joe	Steveston	----	----	----	----	----	1	----	----
,, 21	Green, Bill	Steveston	----	----	----	----	----	7	1	----
,, 21	Kamano, Jack	Steveston	----	----	----	----	----	1	----	----
,, 21	Strachern, Reuben	Steveston	----	----	----	----	----	4	----	----
,, 21	Sopel, Eddie	Steveston	----	----	----	----	----	2	----	----
Mar. 6	Mike, Mrs. Johnny	Cranbrook	----	----	----	----	----	10	----	----
,, 10	Cleavely, J.	Little Fort	----	----	----	----	----	4	----	----
,, 14	Dyer, Harry	Sayward	1	----	----	----	----	----	----	----
,, 15	Bittman, Joseph	Fort Nelson	----	2	----	----	----	----	----	----
,, 24	Rogers, Harry	Buttle Lake	----	----	----	6	----	----	----	----
,, 27	Paul, Baptiste	Brisco	----	----	----	----	----	1	----	----
,, 28	Peron, Henry J.	Vernon	----	----	----	----	----	7	----	----
Apr. 15	Hayward, W. G., and Phillips, C. A.	Newlands	----	----	----	----	2	----	10	13
June 6	Lampman, Arthur	Mile 313N, Alaska Highway	----	1	----	----	----	----	----	----
,, 9	LeClerc, Alphonse	Fort St. John	----	1	----	----	----	----	----	----
,, 19	Watt, A.	Barriere	----	----	----	----	----	7	----	----
Dec. 4	Dibari, Michael	Terrace	----	----	1	----	----	----	----	----
	Totals		2	4	1	6	2	46	12	20

Note.—The sum of $394.91 was received in 1944 from the sale of confiscated fur.

List of Firearms confiscated under "Game Act," January 1st to December 31st, 1944.

Date of Confiscation.	Confiscated from.	Confiscated at.	Kind of Firearms confiscated.	
			Rifles.	Shotguns.
Jan. 28	Cameron, Robert	Agassiz	----	1
Apr. 18	Horning, Earl R.	Burns Lake	1	----
May 16	Southwick, H. D.	Fort St. John	1	----
June 13	Cresswell, George	Vancouver	1	----
,, 13	Turpin, Charles	North Vancouver	1	----
Oct. 31	Sulonen, Esko	Burnaby	1	----
,, 31	Jackson, A.	New Westminster	----	1
Nov. 3	Day, Melville	New Westminster	----	1
	Totals		5	3

Note.—The sum of $29.50 was received in 1944 from the sale of confiscated firearms.

BOUNTIES PAID DURING THE YEAR ENDED DECEMBER 31ST, 1944.

Government Agency.	Coyotes.	Wolves.	Cougars.	Total.
Alberni	.....	1	11	$175.00
Atlin	.....	57	.....	570.00
Barkerville	.....	6	.....	60.00
Clinton	69	2	7	263.00
Cranbrook	146	.....	1	307.00
Cumberland	.....	.....	20	300.00
Duncan	.....	1	24	370.00
Fernie	16	.....	11	197.00
Fort Fraser	150	133	4	1,690.00
Golden	5	.....	.....	10.00
Grand Forks	14	.....	3	73.00
Greenwood	23	.....	.....	46.00
Kamloops	94	9	18	548.00
Kaslo	7	.....	1	29.00
Kelowna	33	.....	3	111.00
Lillooet	24	14	9	323.00
Merritt	28	3	4	146.00
Nanaimo	.....	.....	9	135.00
Nelson	26	.....	8	172.00
New Westminster	.....	.....	8	120.00
Penticton	22	.....	4	104.00
Pouce Coupe	11	197	5	2,067.00
Powell River	.....	1	6	100.00
Prince George	34	418	8	4,368.00
Prince Rupert	5	63	7	745.00
Princeton	25	.....	1	65.00
Quesnel	46	19	26	672.00
Revelstoke	1	.....	1	17.00
Rossland	2	.....	.....	4.00
Smithers	53	33	4	496.00
Stewart	.....	1	.....	10.00
Salmon Arm	21	1	4	112.00
Telegraph Creek	13	282	.....	2,846.00
Vancouver	4	24	22	578.00
Vernon	41	.....	7	187.00
Williams Lake	294	55	54	1,948.00
Windermere	52	1	11	279.00
Totals	1,259	1,321	301	$20,243.00

COMPARATIVE STATEMENT OF BOUNTIES PAID FROM 1922 TO 1944.

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	59,709.25
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
1944	1,321	301	1,259	.....	.....	.....	.....	20,243.00
Totals	13,676	8,316	76,733	69,431	8,230	7,204	20,615	$604,639.80

Big-game Trophy Fees paid by Non-residents, January 1st to December 31st, 1944.

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Mountain-sheep.	Moose.	Wapiti (Elk).	
Clinton—										
Abbott, J. R., Everett, Wash.	----	----	----	1	----	----	----	----	----	$15.00
Beddoe, Reuben, Wapato, Wash.	----	----	----	----	----	----	----	1	----	25.00
Brugman, Dr. Joe, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Camon, W. B., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Campbell, G. A., Mount Vernon, Wash.	----	----	----	1	----	----	----	1	----	40.00
Coffey, Elmer G., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Corning, Glen, Demming, Wash.	----	----	----	----	----	----	----	1	----	25.00
Davis, George H., Vachon, Wash.	----	----	----	1	----	----	----	1	----	40.00
Dittmer, Ernest, Mount Vernon, Wash.	----	----	----	1	----	----	----	----	----	15.00
Droullard, Fred, Everett, Wash.	----	----	----	----	----	----	----	1	----	25.00
Ealey, John H., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Fry, Herbert, Tacoma, Wash.	----	1	----	2	----	----	----	----	----	35.00
Garver, Leonard R., Walla Walla, Wash.	----	----	----	----	----	----	----	1	----	25.00
Gilkey, Thomas W., Yosemite, Calif.	----	----	----	----	----	----	----	1	----	25.00
Guffy, Frank, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Hall, B. M., Doe Bay, Wash.	----	----	----	----	----	----	----	1	----	25.00
Hawley, Vern, Beach, Wash.	----	----	----	----	----	----	----	1	----	25.00
Hood, H. A., Hollywood, Calif.	----	----	----	1	----	----	----	----	----	15.00
Hudon, Paul H., Everett, Wash.	----	----	----	2	----	----	----	1	----	55.00
James, Lloyd, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Johnson, Dr. Denton C., Seattle, Wash.	----	----	----	2	----	----	----	1	----	55.00
Johnson, Glenn M., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Johnson, Oscar G., Edmonds, Wash.	----	----	----	2	----	----	----	1	----	55.00
Jones, L. D., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Krebs, O. M., Anacortes, Wash.	----	----	----	----	----	----	----	1	----	25.00
Larsen, Elmer, Bremerton, Wash.	----	----	----	----	----	----	----	1	----	25.00
Lemon, M. W., Everett, Wash.	----	----	----	1	----	----	----	1	----	40.00
Lenney, A. W., Seattle, Wash.	----	----	----	1	----	----	----	1	----	40.00
Lidral, J. F., Seattle, Wash.	----	----	----	2	----	----	1	1	....	80.00
Lynch, Ken, Bothell, Wash.	----	----	----	----	----	----	----	1	----	25.00
Manley, James J., Everett, Wash.	----	----	----	----	----	----	----	1	----	25.00
Marlack, Adrian, Oak Harbour, Wash.	----	----	----	----	----	1	1	1	----	65.00
Meiton, J. L., Bellingham, Wash.	----	----	----	1	----	----	----	1	----	40.00
McCormick, George P., Vachon, Wash.	----	----	----	----	----	----	----	1	----	25.00
Nelson, G. A., Seattle, Wash.	----	----	----	1	----	----	----	1	----	40.00
Newell, Elmer, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Parsley, Dr. Frank E., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Pendleton, N. E., Custer, Wash.	----	----	----	1	----	----	----	----	----	15.00
Powers, J. W., Seattle, Wash.	----	----	----	----	----	1	----	1	----	40.00
Pratt, Dr. F. H., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Presley, Ann C., Tacoma, Wash.	----	----	----	----	----	----	----	1	----	25.00
Presley, Byron R., Tacoma, Wash.	----	----	----	----	----	----	----	1	----	25.00
Raab, K. L., Seattle, Wash.	----	----	----	1	----	----	----	1	----	40.00
Raab, Lloyd, Vachon, Wash.	----	1	----	----	----	----	----	1	----	30.00
Rader, Ralph W., Walla Walla, Wash.	----	----	----	----	----	----	----	1	----	25.00
Radman, Peter Paul, Seattle, Wash.	----	----	----	1	----	----	----	1	----	40.00
Ryan, Robert B., Port Orchard, Wash.	----	----	----	----	----	----	----	1	----	25.00
Scott, R. E., Bremerton, Wash.	----	----	----	----	----	----	----	1	----	25.00
Shay, Archie, Seattle, Wash.	----	----	----	1	----	----	----	1	----	40.00
Skone, George, Wapato, Wash.	----	----	----	1	----	----	----	1	----	40.00
Spotts, C. K., Bremerton, Wash.	----	----	----	1	----	----	----	1	----	40.00
Tallman, Clancy R., Everett, Wash.	----	1	----	----	----	----	----	1	----	30.00
Templeton, Dr. C. L., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Toppass, J. W., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Weedin, J. K., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Wells, Paul, Mount Vernon, Wash.	----	----	----	----	----	----	----	1	----	25.00

BIG-GAME TROPHY FEES PAID BY NON-RESIDENTS, JANUARY 1ST TO DECEMBER 31ST, 1944—*Continued.*

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Mountain-sheep.	Moose.	Wapiti (Elk).	
Clinton—*Continued.*										
Westman, H., Seattle, Wash.	----	----	----	2	----	----	----	----	----	$30.00
Wightman, Robert, Seattle, Wash.	----	----	----	1	----	1	----	1	----	55.00
Cranbrook—										
Lugar, Dr. L. L., Walla Walla, Wash.	----	----	----	1	----	----	----	----	----	15.00
Fernie—										
Barry, Paul, Richwood, Pa.	----	----	----	----	----	----	----	1	1	50.00
Bartlett, Claude, Gladstone, Ore.	----	----	----	----	----	----	----	1	----	25.00
Hallinger, J., Oregon City, Ore.	----	----	----	----	----	----	----	----	1	25.00
Maues, Anitra, Van Burien, Wash.	----	----	----	----	----	----	----	----	1	25.00
Maues, Dr. Robert, Van Burien, Wash.	1	----	----	----	----	1	----	----	1	65.00
Pattie, Robert, Cutbank, Mont.	----	----	----	----	----	----	----	----	1	25.00
Stewart, Boyd, Cutbank, Mont.	----	----	----	1	----	----	----	----	1	40.00
Wherry, C., Milwaukie, Ore.	----	----	----	----	----	----	----	----	1	25.00
Fort Fraser—										
Magill, Dr. Clyde, Tacoma, Wash.	----	----	----	----	----	----	----	1	----	25.00
Sligar, Porter, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Sligar, Raleigh, Tacoma, Wash.	----	----	----	----	----	----	----	1	----	25.00
Golden—										
Eidson, Foster, Paducah, Ky.	----	1	----	----	----	----	----	----	----	5.00
Hollingsworth, O. R., Vermillion, Alta.	----	----	----	----	----	----	----	1	----	25.00
Kendall, James P., Bremerton, Wash.	----	----	----	1	----	1	----	1	----	55.00
Grand Forks—										
Evans, W. W., Falls River, Wis.	----	----	----	----	----	----	----	1	----	25.00
Steele, J., Falls River, Wis.	----	----	----	----	----	----	----	1	----	25.00
Van Gilder, F. J., Spokane, Wash.	----	----	----	2	----	----	----	----	----	30.00
Kamloops—										
Kasdorf, Edwin, Kingston, Wash.	----	----	----	----	----	----	----	1	----	25.00
McMillan, Irving, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Sumpter, C. H., Ritzville, Wash.	----	----	----	2	----	----	----	1	----	55.00
Valente, E. E., Omak, Wash.	----	----	----	1	----	----	----	----	----	15.00
Lillooet—										
Coleman, W. F., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Denny, S. T., Seattle, Wash.	----	----	----	----	----	----	1	----	----	25.00
Matson, Howard A., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Pottley, E., Seattle, Wash.	----	----	----	----	----	----	1	1	----	50.00
Thompson, R., and Churchill, N., Centralia, Wash.	----	----	----	1	----	4	1	1	----	125.00
New Westminster—										
Alspaugh, B. M., Seattle, Wash.	----	----	----	1	----	----	----	1	----	40.00
Alspaugh, E. M., Seattle, Wash.	----	----	----	----	----	2	----	1	----	55.00
Anderson, Byron, Seattle, Wash.	----	----	----	1	----	----	----	1	----	40.00
Anderson, O. A., Seattle, Wash.	----	----	----	1	----	----	----	1	----	40.00
Andreo, Joe, Tacoma, Wash.	----	----	----	2	----	----	----	----	----	30.00
Anthony, Pete, Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Aubert, Claude C., Bellingham, Wash.	----	----	----	----	----	----	----	1	----	25.00
Auld, Chester A., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Bacon, W. E., Tacoma, Wash.	----	----	----	----	----	----	----	1	----	25.00
Baird, Dr. R. M., Everett, Wash.	----	----	----	----	----	----	----	1	----	25.00
Bakenhus, H. D., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Baller, B. M., Bellingham, Wash.	----	----	----	1	----	----	----	1	----	40.00
Ballou, Maurice, Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Bauer, Herman, Kent, Wash.	----	----	----	1	----	----	----	1	----	40.00
Bellinger, Bert, Lebanon, Wash.	----	----	----	1	----	----	----	----	----	15.00
Bishop, Frank, Sumas, Wash.	----	----	----	----	----	----	----	1	----	25.00
Bishop, Tom, Sumas, Wash.	----	----	----	----	----	----	----	1	----	25.00
Bleakney, T. M., Seattle, Wash.	----	----	----	2	----	1	1	----	----	70.00
Bodwin, E. T., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00

Big-game Trophy Fees paid by Non-residents, January 1st to December 31st, 1944—*Continued.*

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Mountain-sheep.	Moose.	Wapiti (Elk).	
New Westminster—*Continued.*										
Boulton, C. S., Seattle, Wash.	----	----	----	----	----	----	----	1	----	$25.00
Boulton, John C., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Bowman, J., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Bradley, Logan, Kent, Wash.	----	----	----	----	----	----	----	1	----	25.00
Bradley, R. R., Everett, Wash.	----	----	----	----	----	----	----	1	----	25.00
Brown, Loren G., Bremerton, Wash.	----	----	----	----	----	----	----	1	----	25.00
Bull, Dr. L. L., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Burks, Fred, Roseburg, Ore.	----	----	----	----	----	----	----	1	----	25.00
Bushaw, Gordon, Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Cammarano, James, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Campbell, W. C., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Campbell, W. E., Seattle, Wash.	----	----	----	1	----	----	1	1	----	65.00
Cannon, Wayne B., Sedro Woolley, Wash.	----	----	----	2	----	----	----	1	----	55.00
Carey, Paul O., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Carlson, R. C., Tacoma, Wash.	----	----	----	2	----	----	----	1	----	55.00
Carlton, Floyd M., Bremerton, Wash.	----	----	----	----	----	----	----	1	----	25.00
Carvenatto, Joe, Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Castner, Fred, Seattle, Wash.	----	----	----	1	----	----	----	1	----	40.00
Castner, Neil, Seattle, Wash.	----	----	----	1	----	----	----	1	----	40.00
Chamness, W. A., Kirkland, Wash.	----	----	----	1	----	----	----	1	----	40.00
Chesser, Geo. O., Morton, Wash.	----	----	----	----	----	----	----	1	----	25.00
Chilton, A. J., Lynden, Wash.	----	----	----	----	----	----	----	1	----	25.00
Clarkson, R. W., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Cline, S. W., Kirkland, Wash.	----	----	----	1	----	----	----	1	----	40.00
Cly, Monte, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Collison, C. E., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Combat, L. J., Mount Vernon, Wash.	----	----	----	1	----	----	----	----	----	15.00
Constantine, M., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Cordon, Clarence, Seattle, Wash.	----	----	----	2	----	----	----	1	----	55.00
Core, Marvin, Morton, Wash.	----	----	----	----	----	----	----	1	----	25.00
Corning, Glen, Deming, Wash.	----	----	----	1	----	----	----	----	----	15.00
Corning, Ralph, Deming, Wash.	----	----	----	1	----	----	----	----	----	15.00
Corrington, H. A., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Corrington, W., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Corwin, C. A., Lynden, Wash.	----	----	----	----	----	----	----	1	----	25.00
Corwin, Lee, Lynden, Wash.	----	----	----	----	----	----	----	1	----	25.00
Cramer, Chas., Seattle, Wash.	----	----	----	1	----	----	----	1	----	40.00
Crayne, A. E., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Currie, Lieut. S. I., Bellingham, Wash.	----	----	----	----	----	----	----	1	----	25.00
Cushman, Frank A., Everett, Wash.	----	----	----	2	----	----	----	----	----	30.00
Dale, Dr. D. H., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Dale, Lola E., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Davidson, James F., Everett, Wash.	----	----	----	----	----	----	----	1	----	25.00
Davies, Harold E., Seattle Wash.	----	----	----	1	----	----	----	1	----	40.00
Davis, C. H., Southworth, Wash.	----	----	----	----	----	----	----	1	----	25.00
Dawson, Ken, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Day, Capt. W. F., Seattle, Wash.	----	----	----	1	----	----	----	1	----	40.00
Dear, M. E., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
DeBurgh, Mrs. A. R., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Degarimore, O. J., Bremerton, Wash.	----	----	----	1	----	----	----	1	----	40.00
Devenny, J. L., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Dingler, Dr. F. J., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Dobbs, Howard, Bremerton, Wash.	----	----	----	----	----	----	----	1	----	25.00
Dodd, E., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Downey, William, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Driscott, Jack, Bremerton, Wash.	----	----	----	2	----	----	----	----	----	30.00

BIG-GAME TROPHY FEES PAID BY NON-RESIDENTS, JANUARY 1ST TO DECEMBER 31ST, 1944—*Continued.*

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Mountain-sheep.	Moose.	Wapiti (Elk).	
New Westminster—*Continued.*										
Dubuque, Ben, Seattle, Wash.	....	....	....	....	....	....	....	1	....	$25.00
Due, Paul, Marysville, Wash.	....	....	....	....	....	....	....	1	....	25.00
Dynes, George, Mount Vernon, Wash.	....	....	....	1	....	....	....	....	....	15.00
Eby, Dr. R. D., Vernonia, Ore.	....	....	....	....	....	....	....	1	....	25.00
Eckenburg, W. L., Seattle, Wash.	....	....	....	2	....	....	....	1	....	55.00
Equals, Don, Mount Vernon, Wash.	....	....	....	....	....	....	....	1	....	25.00
Erickson, Allen, Seattle, Wash.	....	....	....	....	1	....	....	....	....	5.00
Erickson, C. A., Seattle, Wash.	....	....	....	2	....	....	....	....	....	30.00
Erickson, J. F., Everett, Wash.	....	....	....	....	....	....	....	1	....	25.00
Evans, K. O., Bremerton, Wash.	....	....	....	....	....	....	....	1	....	25.00
Fay, J. C., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Feek, R. J., Seattle, Wash.	....	....	....	1	....	....	....	....	....	15.00
Felchlin, Albert, Tacoma, Wash.	....	....	....	2	....	....	....	....	....	30.00
Finical, W. H., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Fisher, Wm. A., Bellingham, Wash.	....	....	....	....	....	....	....	1	....	25.00
Fontaine, Walter, Everett, Wash.	....	....	....	....	....	....	....	1	....	25.00
Ford, H. E., Fork, Wash.	....	....	....	....	....	....	....	1	....	25.00
Ford, Hugh C., Fork, Wash.	....	....	....	....	....	....	....	1	....	25.00
Fortner, C. C., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Francis, C. E., and party, Portland, Ore.	5	....	....	3	....	....	....	1	....	195.00
Friend, Ray, Pinehurst, Wash.	....	....	....	1	....	....	....	1	....	40.00
Funderburk, Edward S., Winton, Wash.	....	....	....	....	....	....	....	1	....	25.00
Gaeth, Chris. J., Everett, Wash.	....	....	....	....	....	....	....	1	....	25.00
Gamblin, George, Tacoma, Wash.	....	....	....	....	....	....	....	1	....	25.00
Gay, Fred H., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Graham, Edward, Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Granston, E., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Gross, Lyle, Burlington, Wash.	....	....	....	....	....	....	....	1	....	25.00
Haag, J. J., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Hall, M. L., Snohomish, Wash.	....	....	....	1	....	....	....	1	....	40.00
Hamann, Henry, A., Everett, Wash.	....	....	....	....	....	....	....	1	....	25.00
Hammerly, H., Marysville, Wash.	....	....	....	1	....	....	....	1	....	40.00
Hancock, Dr. V. K., Seattle, Wash.	....	....	....	1	....	....	....	1	....	40.00
Hansen, N. H., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Hanson, Barney, Blaine, Wash.	....	....	....	....	....	....	....	1	....	25.00
Hanson, Ernest J., Edmonds, Wash.	....	....	....	....	....	....	....	1	....	25.00
Hanson, Walter T., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Hardin, Wm., Issaquah, Wash.	....	....	....	....	....	....	....	1	....	25.00
Harkoff, John (Jr.), Lynden, Wash.	....	....	....	2	....	....	....	....	....	30.00
Haroldsen, V. E., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Hart, T. W., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Hawkins, Chas. S., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Heaton, William, Sequim, Wash.	....	....	....	....	....	....	....	1	....	25.00
Helmke, Fred, Everett, Wash.	....	....	....	1	....	....	....	1	....	40.00
Hendricks, S., Chehalis, Wash.	....	....	....	....	....	....	....	1	....	25.00
Hereth, Fred, Snohomish, Wash.	....	....	....	....	....	....	....	1	....	25.00
Herr, L. L., Seattle, Wash.	....	1	....	....	....	....	....	1	....	30.00
Hersey, Jack, Tacoma, Wash.	....	....	....	....	....	....	....	1	....	25.00
Hewitson, James, Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Hilkert, A. W., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Hilton, George, Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Hinman, C. A., Bremerton, Wash.	....	....	....	....	....	....	....	1	....	25.00
Holm, Mrs. H. A., Seattle, Wash.	....	....	....	2	....	....	....	....	....	30.00
Hook, L. D., Friday Harbour, Wash.	....	....	....	1	....	....	....	....	....	15.00
Houser, Rex, Blanchard, Wash.	....	....	....	2	....	....	....	1	....	55.00
Howson, Cliffe, Renton, Wash.	....	....	....	1	....	....	....	....	....	15.00

Big-game Trophy Fees paid by Non-residents, January 1st to December 31st, 1944—*Continued.*

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Mountain-sheep.	Moose.	Wapiti (Elk).	
New Westminster—*Continued.*										
Hubbard, Everett, Mineral, Wash.	----	----	----	----	----	----	----	1	----	$25.00
Hulbush, Walter R., Burlington, Wash.	----	----	----	1	----	----	----	----	----	15.00
Hunnicutt, H., Tacoma, Wash.	----	----	----	----	----	----	----	1	----	25.00
Ingo, Joseph, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Inhof, Louis, Tacoma, Wash.	----	----	----	----	----	----	----	1	----	25.00
Jeffery, J. W., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Jett, B. C., Yakima, Wash.	----	----	----	2	----	----	----	1	----	55.00
Johnson, C. E., Sedro Woolley, Wash.	----	----	----	1	----	----	----	1	----	40.00
Johnson, Dr. R. W., Burlington, Wash.	----	----	----	----	2	----	----	----	----	10.00
Johnston, A. C., Ferndale, Wash.	----	----	----	----	----	----	----	1	----	25.00
Judge, Dr. T. H., Friday Harbour, Wash.	----	----	----	1	----	----	----	----	----	15.00
Kasdorf, E., Kingston, Wash.	----	----	----	1	----	----	----	----	----	15.00
Kean, W. C., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Keck, Wm. G., Bremerton, Wash.	----	----	----	2	----	----	----	----	----	30.00
Kem, E. A., Edmonds, Wash.	----	----	----	1	----	----	----	----	----	15.00
Kemp, Harold H., Bremerton, Wash.	----	----	----	----	----	----	----	1	----	25.00
Kenning, H. A., Bremerton, Wash.	----	----	----	2	----	----	----	----	----	30.00
Kirk, James M., Ferndale, Wash.	----	----	----	2	----	----	----	----	----	30.00
Kirkpatrick, E., and party, Seattle, Wash.	----	----	----	----	2	----	----	1	----	35.00
Klein, A. W., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Kneip, Phil., Tacoma, Wash.	----	----	----	----	----	----	----	1	----	25.00
Knight, Robert T., Tacoma, Wash.	----	----	----	----	----	----	----	1	----	25.00
Knott, E. K., Seattle, Wash.	----	----	----	2	----	----	----	1	----	55.00
Knutson, C. E., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Kossuth, C. J., Seattle, Wash.	----	----	----	1	----	----	----	1	----	40.00
Kruyt, Bert, Lynden, Wash.	----	----	----	1	1	----	----	1	----	45.00
Landon, W. J., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Langley, J. W., Sumas, Wash.	----	----	----	----	----	----	----	1	----	25.00
Lankhar, Len, Lynden, Wash.	----	----	----	2	----	----	----	1	----	55.00
Law, C. H., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Leber, Chas. H., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Lee, C. N., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Leonard, A. W., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Lessard, J. H., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Lewis, A. J., Burton, Wash.	----	----	----	----	----	----	----	1	----	25.00
Lewis, Edwin A., Burton, Wash.	----	----	----	----	----	----	----	1	----	25.00
Lewis, J. H., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Lewis, Paul R., Bremerton, Wash.	----	----	----	----	----	----	----	1	----	25.00
Lindsey, G. M., Seattle, Wash.	----	----	----	----	2	----	----	1	----	35.00
Lunden, Inguald, Bellingham, Wash.	----	----	----	2	----	----	----	----	----	30.00
Maberry, W. E., Custer, Wash.	----	----	----	----	----	----	----	1	----	25.00
Marshall, C. R., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Martin, C. E., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Martin, Jack, Bellingham, Wash.	----	1	----	----	----	----	----	----	----	15.00
Martin, Jeff, Point Roberts, Wash.	----	----	----	----	----	----	----	1	----	25.00
Martin, R. M., Kent, Wash.	----	----	----	----	----	----	----	1	----	25.00
Martret, H., Everett, Wash.	----	----	----	----	----	----	----	1	----	25.00
Mastodi, Frank, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Mattson, C. R., Lynden, Wash.	----	----	----	----	----	----	----	1	----	25.00
Maulsby, Dean, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
May, Carl, Sumas, Wash.	----	----	----	----	----	----	----	1	----	25.00
Meister, Roy E., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Mercer, M. S., Bellingham, Wash.	----	----	----	----	----	----	----	1	----	25.00
Meredith, C. E., Bremerton, Wash.	----	----	----	2	----	----	----	----	----	30.00
Messerly, C. E., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Metzler, H. S., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00

BIG-GAME TROPHY FEES PAID BY NON-RESIDENTS, JANUARY 1ST TO DECEMBER 31ST, 1944—*Continued.*

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Mountain-sheep.	Moose.	Wapiti (Elk).	
New Westminster—*Continued.*										
Michael, S. J., Bellevue, Wash.	....	....	....	....	....	....	....	1	....	$25.00
Michelotti, C., Seattle, Wash.	....	....	....	2	....	....	....	....	....	30.00
Minneker, Harry, Elbe, Wash.	....	....	....	1	....	....	....	....	....	15.00
Moe, Lawrence, Manchester, Wash.	....	....	....	....	....	....	....	1	....	25.00
Mohns, N. R., Everett, Wash.	....	....	....	....	....	....	....	1	....	25.00
Morris, L. S., Seattle, Wash.	....	....	....	1	....	....	....	1	....	40.00
Moss, Lee F., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Myers, Thos. P., Tacoma, Wash.	....	....	....	2	....	....	....	1	....	55.00
Mylroie, R. O., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
McDonald, D. N., Seattle, Wash.	....	....	....	1	....	....	....	1	....	40.00
McFerran, E. M., Seattle, Wash.	....	1	....	....	....	....	....	1	....	30.00
MacKintosh, C. G., Yakima, Wash.	....	....	....	....	....	....	....	1	....	25.00
McMahon, John, Bellingham, Wash.	....	....	....	....	....	....	....	1	....	25.00
McMenamin, J. M., Seattle, Wash.	....	....	....	1	....	....	....	....	....	15.00
McMillan, A. G., Everson, Wash.	....	....	....	....	....	....	....	1	....	25.00
McMillan, I. W., Seattle, Wash.	....	....	....	1	....	....	....	....	....	15.00
McWilliams, H. C., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Neill, Roy, Seattle, Wash.	....	....	....	1	....	....	....	1	....	40.00
Neimi, Mrs. Louise, Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Neimi, W. F., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Nelson, Stanley, Seattle, Wash.	....	....	....	1	....	....	....	....	....	15.00
Nelson, Stanley (Jr.), Sedro Woolley, Wash.	....	....	....	2	....	1	....	....	....	45.00
Nix, F., Issaquah, Wash.	....	....	....	....	....	....	....	1	....	25.00
Norman, J. B., Arlington, Wash.	....	....	....	....	....	....	....	1	....	25.00
O'Brien, Mike, Buckley, Wash.	....	....	....	1	....	....	....	1	....	40.00
Ochsner, Isidor, Sumner, Wash.	....	....	....	....	....	....	....	1	....	25.00
Olson, John, Seattle, Wash.	....	....	....	2	....	....	....	....	....	30.00
Ottevaese, Alex F., Bremerton, Wash.	....	....	....	1	....	....	....	1	....	40.00
Paice, Chas. P., Everett, Wash.	....	....	....	....	....	....	....	1	....	25.00
Patricelli, L., Seattle, Wash.	....	....	....	2	....	....	....	1	....	55.00
Peacock, Dr. H. T., Snohomish, Wash.	....	....	....	....	2	....	....	....	....	10.00
Peck, L. M., Mount Vernon, Wash.	....	....	....	1	1	....	....	....	....	20.00
Perkins, Whitely, Bremerton, Wash.	....	....	....	2	....	....	....	....	....	30.00
Peterson, Geo., Tacoma, Wash.	....	....	....	....	....	....	....	1	....	25.00
Platt, Glenn L., Everett, Wash.	....	....	....	....	....	....	....	1	....	25.00
Ploegsma, P. H., Oak Harbour, Wash.	....	....	....	....	....	....	....	1	....	25.00
Porter, W. E., Port Orchard, Wash.	....	....	....	....	....	....	....	1	....	25.00
Prather, C., Selah, Wash.	....	....	....	2	....	....	....	1	....	55.00
Pride, Wallace, Everson, Wash.	....	....	....	1	....	....	....	....	....	15.00
Prothero, R. H., Seattle, Wash.	....	....	....	2	....	....	....	....	....	30.00
Prouty, Dr. C. H., Bellingham, Wash.	....	....	....	....	....	....	....	1	....	25.00
Raab, Lloyd, Vashon, Wash.	....	....	....	1	....	....	....	....	....	15.00
Rader, Otto E., Tacoma, Wash.	....	....	....	....	....	....	....	1	....	25.00
Ramsay, C. B., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Ramsay, W. E., Seattle, Wash.	....	....	....	2	....	....	....	1	....	55.00
Randall, Andrew, Bellingham, Wash.	....	1	....	....	....	....	....	....	....	15.00
Richards, Velma, Kelso, Wash.	....	....	....	....	....	....	....	1	....	25.00
Richardson, Glenn, Hamilton, Wash.	....	....	....	1	....	....	....	1	....	40.00
Ridgeway, T. C., Portland, Ore.	....	....	....	....	....	....	....	1	....	25.00
Riggles, H. L., Sedro Woolley, Wash.	....	....	....	....	....	....	....	1	....	25.00
Roark, W. E., Friday Harbour, Wash.	....	....	....	1	....	....	....	....	....	15.00
Robinson, J. W., Enumclaw, Wash.	....	....	....	2	....	....	....	....	....	30.00
Roderick, Warren, Seattle, Wash.	....	1	....	....	....	....	....	1	....	30.00
Rogers, J. H., Seattle, Wash.	....	....	....	1	....	....	....	....	....	15.00
Ross, James E., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Ruffcorn, R. B., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00

Big-game Trophy Fees paid by Non-residents, January 1st to December 31st, 1944—*Continued.*

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Mountain-sheep.	Moose.	Wapiti (Elk).	
New Westminster—*Continued.*										
Rumming, Allan, Tacoma, Wash.	----	----	----	----	----	----	----	1	----	$25.00
Runnels, Reg. A., Bremerton, Wash.	----	----	----	----	----	----	----	1	----	25.00
Ryer, Conrad, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Salvino, Frank, Seattle, Wash.	----	----	----	1	----	----	1	----	----	40.00
Salvino, James, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Salvino, Marcus, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Sandvig, Arthur, Everett, Wash.	----	----	----	----	----	----	----	1	----	25.00
Sandvig, Jack W., Everett, Wash.	----	----	----	----	----	----	----	1	----	25.00
Schau, Omar, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Scheres, Frank, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Schlect, E., Yakima, Wash.	----	----	----	1	----	----	----	----	----	15.00
Schoner, Joe J., Alderwood Manor, Wash.	----	----	----	2	----	----	----	1	----	55.00
Scott, Robert J., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Scott, Walter K., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Shaw, R. L., Bellingham, Wash.	----	----	----	----	----	----	----	1	----	25.00
Shedivetz, H. W., Bremerton, Wash.	----	----	----	----	----	----	----	1	----	25.00
Sheets, O. L., Lynden, Wash.	----	----	----	----	----	----	----	1	----	25.00
Siler, H. M., Enumclaw, Wash.	----	----	----	----	----	----	----	1	----	25.00
Singer, C. B., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Sistig, L. W., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Smith, Harold, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Snyder, E. D., Everett, Wash.	----	----	----	----	----	----	----	1	----	25.00
Sorlie, Oscar, J., Seattle, Wash.	----	----	----	1	----	----	----	1	----	40.00
Spalinger, Ed., Enumclaw, Wash.	----	----	----	----	----	----	----	1	----	25.00
Spencer, W. A., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Spenger, F. J., Bellingham, Wash.	----	----	----	----	----	----	----	1	----	25.00
Standt, E., Mount Vernon, Wash.	----	----	----	----	----	----	----	1	----	25.00
Stanley, Arnold, Wenatchee, Wash.	----	----	----	1	----	----	----	1	----	40.00
Steele, John E., Seattle, Wash.	----	----	----	2	----	----	----	1	----	55.00
Stender, Bruce, Seattle, Wash.	----	----	----	1	----	----	----	1	----	40.00
Sternberg, L. H., Tacoma, Wash.	----	----	----	----	----	----	----	1	----	25.00
Stingle, E. W., Bremerton, Wash.	----	----	----	1	----	----	----	1	----	40.00
Strain, A., Kent, Wash.	----	----	----	----	----	----	----	1	----	25.00
Strand, Dr. E., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Streets, H. J., Custer, Wash.	----	----	----	----	----	----	----	1	----	25.00
Stuie, J. L., Burlington, Wash.	----	----	----	----	----	----	----	1	----	25.00
Styer, C. M., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Sund, Alfred, Mount Vernon, Wash.	----	----	----	1	----	----	----	----	----	15.00
Sundquist, Roy, Tacoma, Wash.	----	----	----	----	----	----	----	1	----	25.00
Sweet, J. A., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Taffie, B. E., Selleck, Wash.	----	----	----	----	----	----	----	1	----	25.00
Taylor, Roscoe, Sedro Woolley, Wash.	----	----	----	----	----	----	----	1	----	25.00
Terry, Dr. C. O., Tacoma, Wash.	----	----	----	----	----	----	----	1	----	25.00
Thaden, H. E., Tacoma, Wash.	----	----	----	----	----	----	----	1	----	25.00
Thomas, Glyn, Snohomish, Wash.	----	----	----	1	----	----	----	1	----	40.00
Trulen, Harold, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Vail, Lewis, Sumas, Wash.	----	----	----	----	----	----	----	1	----	25.00
Van Derveer, Frank, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Van Winkle, George, Everett, Wash.	----	----	----	1	----	----	----	1	----	40.00
Vedova, P. O. D., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Vigue, B. M., Everett, Wash.	----	----	----	----	----	----	----	1	----	25.00
Vockrodt, H. K., and party, Bremerton, Wash.	----	----	----	3	----	----	----	1	----	70.00
Von Harton, John H., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Von Lossow, E. P., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Waite, S. J., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Walker, A. L., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00

BIG-GAME TROPHY FEES PAID BY NON-RESIDENTS, JANUARY 1ST TO DECEMBER 31ST, 1944—*Continued.*

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Mountain-sheep.	Moose.	Wapiti (Elk).	
New Westminster—*Continued.*										
Walker, Lloyd B., and party, Seattle, Wash.	----	----	----	----	5	----	----	----	----	25.00
Walker, P. H., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Wallick, Albert, Bremerton, Wash.	----	----	----	2	----	----	----	----	----	30.00
Walter, August, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Wegs, Chas. B., Lake Burien, Wash.	----	----	----	----	----	----	----	1	----	25.00
Wegs, Mrs. Francis, Lake Burien, Wash.	----	----	----	----	----	----	----	1	----	25.00
Weiss, John A., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Welcome, J. J., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Wesley, Lois, Roseburg, Wash.	----	----	----	----	----	----	----	1	----	25.00
Wheeler, E. V., Edmonds, Wash.	----	----	----	----	----	----	----	1	----	25.00
White, Thomas, Olympia, Wash.	----	----	----	1	----	----	----	----	----	15.00
Wilhelmi, Ed. P., Everett, Wash.	----	----	----	----	----	----	----	1	----	25.00
Wilson, H. G., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Wilson, Ivan, Seattle, Wash.	----	----	----	1	----	----	----	1	----	40.00
Wolfe, Geo. M., Renton, Wash.	----	----	----	----	----	----	----	1	----	25.00
Wolfe, Geo. M. (Jr.), Renton, Wash.	----	----	----	----	----	----	----	1	----	25.00
Wray, Lloyd F., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Yellam, Joe, Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Ziegler, Chas. A., Redondo Beach, Wash.	----	----	----	1	----	----	----	1	----	40.00
Ziegler, Jake, Tacoma, Wash.	----	----	----	----	----	----	----	1	----	25.00
Zimmerman, H., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Penticton—										
Adams, C. S., Bremerton, Wash.	----	----	----	2	----	----	----	----	----	30.00
Baker, Don, Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Bauer, Eddie, Redmond, Wash.	----	----	----	2	----	----	----	----	----	30.00
Bauer, Mrs. Eddie, Redmond, Wash.	----	----	----	2	----	----	----	----	----	30.00
Bennington, Bud, Yakima, Wash.	----	----	----	2	----	----	----	----	----	30.00
Bennington, Mrs. Bud, Yakima, Wash.	----	----	----	1	----	----	----	----	----	15.00
Birkheimer, C. M., Blakely, Wash.	----	----	----	2	----	----	----	----	----	30.00
Birkland, Thomas, Tacoma, Wash.	----	----	----	1	----	----	----	----	----	15.00
Braida, Hector, Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Braida, Mrs. Hector, Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Brender, Otto S., Omak, Wash.	----	----	----	----	----	----	----	1	----	25.00
Brenner, Chester C., Port Gamble, Wash.	----	----	----	2	----	----	----	----	----	30.00
Brenner, Mrs. C. C., Port Gamble, Wash.	----	----	----	1	----	----	----	----	----	15.00
Brown, Henry C., Wapato, Wash.	----	----	----	----	----	----	----	1	----	25.00
Bryant, L. J., Okanogan, Wash.	----	----	----	2	----	----	----	1	----	55.00
Cady, Chas., Wanconda, Wash.	----	----	----	----	----	----	----	1	----	25.00
Cain, C. W., Silverdale, Wash.	----	----	----	2	----	----	----	----	----	30.00
Callison, I. P., Union, Wash.	----	----	----	2	----	----	----	----	----	30.00
Carlson, R. C., Tacoma, Wash.	----	----	----	1	----	----	----	----	----	15.00
Cook, Richard, Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Crowley, Orville, Okanogan, Wash.	----	----	----	----	----	----	----	1	----	25.00
Deitz, Conley L., Paulsbo, Wash.	----	----	----	1	----	----	----	----	----	15.00
De Voe, F. E., Yakima, Wash.	----	----	----	----	----	----	----	1	----	25.00
Dittmar, Mrs. J. R., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Dittmar, L. C., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Fleenor, J. W., Yakima, Wash.	----	----	----	2	----	----	----	----	----	30.00
Frazer, Wm. D., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Fronde, W. E., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Gerritt, J. Van Z., Lynden, Wash.	----	----	----	2	----	----	----	----	----	30.00
Gwinn, M. D., Omak, Wash.	----	----	----	----	----	----	----	1	----	25.00
Haines, John, Yakima, Wash.	----	----	----	----	----	----	----	1	----	25.00
Hamilton, Earl, Okanogan, Wash.	----	----	----	1	----	----	----	1	----	40.00
Harley, C. S., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Hatley, J. W., Wenatchee, Wash.	----	----	----	2	----	----	----	----	----	30.00

Big-game Trophy Fees paid by Non-residents, January 1st to December 31st, 1944—*Continued.*

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Mountain-sheep.	Moose.	Wapiti (Elk).	
Penticton—*Continued.*										
Hatton, Frank, Yakima, Wash.	----	----	----	2	----	----	----	----	----	$30.00
Hutchinson, Wm. B., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Ketcham, Ernest J., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Kimball, H. R., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Kosmos, George, Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Kruz, Neil L., Okanogan, Wash.	----	----	----	1	----	----	----	1	----	40.00
Labbee, Percy, Harram, Wash.	----	----	----	----	----	----	----	1	----	25.00
Lewis, Floyd, Yakima, Wash.	----	----	----	----	----	----	----	1	----	25.00
Lund, Paul K., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Lees, Wm. O., Okanogan, Wash.	----	----	----	1	----	----	----	----	----	15.00
Manley, James J., Everett, Wash.	----	----	----	2	----	----	----	----	----	30.00
Marsh, C. B., Okanogan, Wash.	----	----	----	----	----	----	----	1	----	25.00
Mascher, V., Bremerton, Wash.	----	----	----	2	----	----	----	----	----	30.00
Messner, Dean W., Bremerton, Wash.	----	----	----	2	----	----	----	----	----	30.00
Miller, Rube L., Bothell, Wash.	----	----	----	2	----	----	----	----	----	30.00
Mills, Jack W., Yakima, Wash.	----	----	----	2	----	----	----	----	----	30.00
Morse, Frank, Waithrop, Wash.	----	----	----	----	----	----	----	1	----	25.00
Moss, Edgar W., Okanogan, Wash.	----	----	----	1	----	----	----	----	----	15.00
McCain, C. H., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
McComb, Wm., Tonasket, Wash.	----	----	----	----	----	----	----	1	----	25.00
McDougal, G. S., Bremerton, Wash.	----	----	----	2	----	----	----	----	----	30.00
McKay, Wm. O., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
McNett, R. L., Omak, Wash.	----	----	----	----	----	----	----	1	----	25.00
Neimi, W. F., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Neimi, Mrs. W. F., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Nelson, Thos. C., Yakima, Wash.	----	----	----	1	----	----	----	1	----	40.00
Nichols, B. V., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Norman, Howard, Okanogan, Wash.	----	----	----	----	----	----	----	1	----	25.00
Parker, R. D., Bremerton, Wash.	----	----	----	2	----	----	----	----	----	30.00
Pattison, Geo. D., Port Orchard, Wash.	----	----	----	2	----	----	----	----	----	30.00
Paulson, Chet., Tacoma, Wash.	----	----	----	2	----	----	----	----	----	30.00
Paulson, Eli. M., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Potvin, Ed., Okanogan, Wash.	----	----	----	----	----	----	----	1	----	25.00
Rawley, D. Z., Okanogan, Wash.	----	----	----	1	----	----	----	----	----	15.00
Sands, Hans, Enumclaw, Wash.	----	----	----	1	----	----	----	----	----	15.00
Sather, A. J., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Schau, Omer, Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Schroeder, G. E., Senbeck, Wash.	----	----	----	2	----	----	----	----	----	30.00
Schultz, Harold, Yakima, Wash.	----	----	----	----	----	----	----	1	----	25.00
Siemens, Dr. W. T., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Simpson, C. B., Port Gamble, Wash.	----	----	----	1	----	----	----	----	----	15.00
Smiley, E. S., Yakima, Wash.	----	----	----	2	----	----	----	----	----	30.00
Somaria, Ramon, Hollister, Cal.	----	----	----	1	----	----	----	----	----	15.00
Styer, C. M., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Swan, H., Okanogan, Wash.	----	----	----	----	----	----	----	1	----	25.00
Vedova, P. O. D., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Waymire, R., Kirkland, Wash.	----	----	----	2	----	----	----	----	----	30.00
Welcome, J. J., Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Welcome, LeRoy, Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Wheeler, Wm. H., Snoquamish, Wash.	----	----	----	1	----	----	----	----	----	15.00
Zachow, Gayle M., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Zanides, Nicholas, Seattle, Wash.	----	----	----	2	----	----	----	----	----	30.00
Zwyns, Leonard, Lynden, Wash.	----	----	----	2	----	----	----	----	----	30.00
Pouce Coupe—										
Callison, I. P., Union, Wash.	----	----	1	----	----	----	----	----	----	25.00
Dilatush, Dr. F. A., Dayton, Ohio	----	----	----	1	----	----	----	----	----	15.00

BIG-GAME TROPHY FEES PAID BY NON-RESIDENTS, JANUARY 1ST TO DECEMBER 31ST, 1944—*Continued.*

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Mountain-sheep.	Moose.	Wapiti (Elk).	
Pouce-Coupe—*Continued.*										
Farrell, Dr. L. J., Everett, Wash.	....	1	....	....	....	1	....	1	....	$45.00
Goeke, Dr. O. F., Dizon, Ill.	1	1	....	....	....	1	....	....	....	45.00
Hammett, John E., and party, New York City, N.Y.	2	....	....	....	....	1	8	1	....	290.00
Higby, Roy C., New York City, N.Y.	....	....	2	....	....	....	....	....	....	50.00
Holliday, W. J. (Sr.), Hammond, Ind.	....	....	1	1	....	....	....	1	....	65.00
Holliday, W. J. (Jr.), Hammond, Ind.	1	1	1	....	....	2	....	....	....	85.00
Iversen, Mrs. L., Pittsburgh, Pa.	....	....	....	....	....	....	1	....	....	25.00
Kesling, Dr. O. A., Arlington, Wash.	....	....	....	....	....	....	1	....	....	25.00
Kruger, Walter, Meriden, Conn.	1	2	....	....	....	....	....	....	....	55.00
Laszlo, Dr. A. E., Bridgeport, Conn.	....	1	1	1	....	1	....	....	....	60.00
Lilli, Adolph, New Kensington, Pa.	1	....	....	....	....	1	....	....	....	40.00
Lydic, Dr. L. A., Dayton, Ohio	....	....	1	....	....	....	....	....	....	25.00
Mannarino, Sam, New Kensington, Pa.	1	....	....	....	....	1	....	....	....	40.00
Mullen, L. J., Everett, Wash.	....	1	....	....	....	1	....	1	....	45.00
McClanahan, Dr. B. V., Galesburg, Ill.	....	....	....	....	....	....	1	....	....	25.00
McKenny, J. F., Morgan Field, Ky.	....	1	....	....	....	....	2	....	....	55.00
Paulson, A. E., Longview, Wash.	1	....	1	....	....	2	....	1	....	105.00
Person, J. M., Hillsboro, Ore.	1	....	....	1	....	2	....	1	....	95.00
Stevenson, H. D., Battle Creek, Mich.	....	....	1	....	....	2	....	1	....	80.00
Straker, B. R., Zanesville, Ohio	....	1	....	....	....	1	1	1	....	70.00
Tetlow, R. D., Nedina, Ohio	....	....	1	....	....	1	1	1	....	90.00
Weir, Dr. N. H., Galesburg, Ill.	....	....	....	....	....	....	1	....	....	25.00
Woodard, W. T., Los Angeles, Calif.	1	2	1	....	....	1	....	....	....	75.00
Youngman, David, Carlisle, Ohio	....	....	....	....	....	1	....	1	....	40.00
Prince George—										
Bean, M. L., Seattle, Wash.	1	....	....	....	....	2	....	1	....	80.00
Brewer, Geo. W., Sacramento, Calif.	1	....	....	....	....	2	....	1	....	80.00
Clement, H. J., Pittsburgh, Pa.	....	....	1	1	....	....	....	....	....	40.00
Everhart, W., Bala-Cynwyd, Pa.	....	....	1	....	....	....	....	....	....	25.00
Gabriel, Fred C., Malta, Mont.	....	1	....	....	....	....	....	....	....	15.00
Greer, L. K., Portland, Ore.	....	....	....	....	....	....	....	1	....	25.00
Higby, Roy C., Big Moose, N.Y.	....	....	....	....	....	1	....	....	....	15.00
Lidral, J. F., Seattle, Wash.	....	1	....	....	....	....	....	....	....	5.00
Mellon, T. A., Pittsburgh, Pa.	....	....	....	1	....	....	....	1	....	40.00
Neptune, Dr. E. M., Syracuse, N.Y.	....	....	....	....	....	....	....	1	....	25.00
Norvin, Fay, San Francisco, Calif.	....	....	....	....	....	2	....	1	....	55.00
Prince Rupert—										
Blais, David, Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Princeton—										
Carroll, H. L., Seattle, Wash.	....	....	....	1	....	....	....	....	....	15.00
Quesnel—										
Bauer, Joseph, Richmond Beach, Wash.	....	....	....	....	....	....	....	1	....	25.00
Bryden, B., Redmond, Wash.	....	....	....	....	....	....	....	1	....	25.00
Bryden, J., Redmond, Wash.	....	....	....	....	....	....	....	1	....	25.00
Carroll, H. L., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Cassalman, J. W., Cheney, Wash.	....	....	....	....	....	....	....	1	....	25.00
Curtis, Frank, Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Dennis, Duanne, Seattle, Wash	....	....	....	....	....	....	....	1	....	25.00
Dorgan, J. A., Bothell, Wash.	....	....	....	....	....	....	....	1	....	25.00
Duncan, Frank W., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Ely, Elwin E., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Garbe, Oscar, Yakima, Wash.	....	....	....	....	....	....	....	1	....	25.00
Gisle, S., Redmond, Wash.	....	....	....	....	....	....	....	1	....	25.00
Hague, R. J., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Hansen, L. V., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00
Herb, J. J., Seattle, Wash.	....	....	....	....	....	....	....	1	....	25.00

Big-game Trophy Fees paid by Non-residents, January 1st to December 31st, 1944—*Continued.*

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Mountain-sheep.	Moose.	Wapiti (Elk).	
Quesnel—*Continued.*										
Johnson, Alvin, Seattle, Wash.	----	----	----	----	----	----	----	1	----	$25.00
Johnson, Carl E., Edmonds, Wash.	----	----	----	----	----	----	----	1	----	25.00
Johnson, R., Redmond, Wash.	----	----	----	----	----	----	----	1	----	25.00
Kale, H. F., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Karlson, Karl A., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Kellogg, H., Tacoma, Wash.	----	----	----	----	----	----	----	1	----	25.00
Laueman, C. L., Snohomish, Wash.	----	2	----	----	----	----	----	1	----	35.00
Lester, J. A., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Lewis, E. H., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Martin, J. F., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Miller, C. W., Bellingham, Wash.	----	----	----	----	----	----	----	1	----	25.00
McCord, Earl, Sedro Woolley, Wash.	----	----	----	----	----	----	----	1	----	25.00
McKelheer, J. D., Yakima, Wash.	----	----	----	----	----	----	----	1	----	25.00
Oakson, E., Ballard, Wash.	----	----	----	----	----	----	----	1	----	25.00
Ramsden, R., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Rhodes, Peter, Bellingham, Wash.	----	----	----	----	----	----	----	1	----	25.00
Ruth, W. E., Renton, Wash.	----	----	----	----	----	----	----	1	----	25.00
Scott, Walter H., Bellingham, Wash.	----	----	----	----	----	----	----	1	----	25.00
Skogh, Joe, Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Sinclair, S. L., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Sizemore, C. L., Sedro Woolley, Wash.	----	----	----	----	----	----	----	1	----	25.00
Taylor, L. F., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Thompson, D. E., Sequim, Wash.	----	----	----	----	----	----	----	1	----	25.00
Veys, Maurice, Castle Rock, Wash.	----	----	----	----	----	----	----	1	----	25.00
Walton, Clyde, Everett, Wash.	----	----	----	----	----	----	----	1	----	25.00
Walton, P. B., Everett, Wash.	----	----	----	----	----	----	----	1	----	25.00
Warn, Arthur M., Seattle, Wash.	----	1	----	----	----	----	----	1	----	30.00
Telegraph Creek.										
Callison, I. P., Union, Wash.	----	----	1	----	----	----	----	----	----	25.00
Iverson, Mrs. L., Pittsburgh, Pa.	----	----	----	----	----	----	1	----	----	25.00
Vancouver—										
Baker, Don R., Seattle, Wash.	----	1	----	----	----	----	----	----	----	5.00
Bates, Donald H., Oswego, Ore.	----	1	----	----	----	1	----	----	1	45.00
Belknap, L. A., Jamestown, N.Y.	----	----	----	----	----	2	----	1	1	80.00
Cadwell, G. H., and Templeton, Dr. L. C., Seattle, Wash.	1	2	----	----	----	----	----	----	----	35.00
Fisher, Helen, Santa Fe, Cal.	----	1	----	----	----	----	----	----	----	15.00
Hardy, J. F., and party, Seattle, Wash.	----	----	----	1	----	----	----	2	----	65.00
Hickman, J. F., Jamestown, N.Y.	----	----	----	----	----	1	----	----	----	15.00
Kelly, B. A., Seattle, Wash.	----	1	----	----	----	----	----	----	----	5.00
Krienke, G. C., Blaine, Wash.	----	----	----	2	----	----	----	1	----	55.00
Patterson, W. W., Saginaw, Mich.	----	1	----	----	----	----	----	----	----	15.00
Rowe, C. F. T., Tacoma, Wash.	----	----	----	----	----	----	----	1	----	25.00
Say, J. D., Seattle, Wash.	----	----	----	1	----	----	----	----	----	15.00
Victoria—										
Haslam, F., Silverdale, Wash.	----	----	----	----	3	----	----	----	----	15.00
Kimball, H., Gig Harbour, Wash.	----	----	----	----	3	----	----	----	----	15.00
Williams Lake—										
Barker, Dr. R. H., Seattle, Wash.	----	----	----	----	----	----	----	1	----	25.00
Barton, Dr. J. F., Longview, Wash.	----	1	----	2	----	----	----	----	----	35.00
Bellinger, Bert, Lebanon, Ore.	1	----	----	----	----	----	1	1	----	75.00
Cole, W. I., San Francisco, Calif.	1	1	----	----	----	----	----	----	----	40.00
Demeroutis, K. G., and Erickson, R. J. and W. J., Seattle, Wash.	----	----	----	1	----	----	----	3	----	90.00
Fair, F. E., Blaine, Wash.	----	----	----	----	----	----	----	1	----	25.00
Hammer, E. G. and R. H., and Patterson, E. D., Redlands, Calif.	----	----	----	----	----	2	2	1	----	105.00
Richardson, Lee, Seattle, Wash.	1	----	----	----	----	----	----	----	----	25.00

BIG-GAME TROPHY FEES PAID BY NON-RESIDENTS, JANUARY 1ST TO DECEMBER 31ST, 1944—*Continued.*

Name and Address (Government Agency).	Species.									Amount.
	Bear, Grizzly.	Bear, Black or Brown.	Caribou.	Deer, Mule and White-tail.	Deer, Coast.	Mountain-goat.	Mountain-sheep.	Moose.	Wapiti (Elk).	
Windermere—										
Altaman, F., Mount Pleasant, Mich.	1	1	----	----	----	2	1	----	----	$85.00
Birkland, Thomas, Tacoma, Wash.	----	----	----	----	----	1	----	----	----	15.00
Gentry, Howard L., Jackson, Mich.	1	----	----	----	----	1	----	----	----	40.00
Heneveld, Dr. John, Muskegon, Mich.	----	1	----	----	----	----	----	----	----	15.00
Kidder, Clifford, Allegan, Mich.	----	----	----	----	----	1	----	1	----	40.00
Lewis, Dr. E., Jackson, Mich.	----	----	----	----	----	----	1	----	----	25.00
Merry, Scott, Tacoma, Wash.	----	----	----	----	----	1	----	----	----	15.00
Peetz, Arthur W., Prosser, Wash.	----	----	----	----	----	----	----	1	----	25.00
Street, Wm. S., Chicago, Ill.	----	----	----	2	----	----	----	----	----	30.00
Street, Mrs. Wm. S., Chicago, Ill.	----	----	----	2	----	----	----	----	----	30.00
Sutherland, W. C., Portland, Ore.	----	----	----	----	----	----	----	1	----	25.00
Taylor, Wayne, E., Owosso, Mich.	----	1	----	----	----	----	----	----	----	15.00
Totals	24	37	14	331	22	51	31	414	9	$18,395.00

PROSECUTIONS (PROVINCIAL GAME DIVISIONS), JANUARY 1ST TO DECEMBER 31ST, 1944.

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.				
Game Animals.									
Allowing dogs to run after or hunt dear	1	----	----	----	----	----	1	1	$10.00
Exceeding bag limit on big game	----	----	1	----	----	----	1	1	50.00
Killing, hunting, or in possession of game animals of female sex	----	2	8	4	----	----	14	14	390.00
Killing, hunting, or in possession of game animals during close season	----	3	7	3	----	----	13	13	270.00
Killing or hunting game during prohibited hours (pit-lamping)	----	----	----	1	----	----	1	1	----
Possession of game animals under 1 year of age	1	1	2	1	----	----	5	5	145.00
Possession of pelts of fur-bearing animals during close season	1	2	1	----	----	2	4	6	270.00
Possession of carcass of untagged deer	1	2	----	----	----	----	3	3	30.00
Possession of game on premises of logging camp, café, etc.	----	----	----	2	----	----	2	2	110.00
Selling or buying big game illegally	----	----	1	3	----	----	4	4	40.00
Setting out poison for taking fur-bearing animals	----	----	----	1	----	----	1	1	----
Trapping big game illegally	----	----	1	----	----	----	1	1	50.00
Game Birds.									
Exceeding bag-limit on game birds	1	----	----	----	----	----	1	1	10.00
Hunting or in possession of migratory birds during close season	4	----	5	1	5	1	15	16	210.00
Hunting, killing, or in possession of game birds during close season	5	1	2	----	17	----	25	25	353.00
Hunting certain game birds with a rifle, contrary to Game Regulations	----	----	1	----	----	1	1	2	----

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, 1944—*Continued.*

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 Birds—Continued.									
Hunting migratory game birds during prohibited hours	.....	.....	.....	.....	11	.....	11	11	$110.00
Hunting upland game birds during prohibited hours	.....	.....	1	.....	.....	.....	1	1	10.00
Hunting migratory game birds from, or with the use of, a power-boat	.....	.....	.....	.....	1	.....	1	1	25.00
Trapping.									
Interfering with a registered trap-line	2	3	4	5	.....	1	14	15	845.00
Trapping or carrying traps without a licence	1	1	5	2	8	.....	17	17	315.00
Licences.									
Carrying firearms without a licence	10	5	5	16	33	.....	69	69	685.00
Guiding without a licence	.....	.....	2	1	.....	.....	3	3	20.00
Minor carrying firearms without licence or without being accompanied by an adult	1	1	1	.....	1	.....	4	4	10.00
Non-resident carrying fishing-tackle or angling without a licence	1	2	.....	.....	.....	.....	3	3	20.00
Non-resident carrying firearms without a licence	.....	.....	.....	.....	1	.....	1	1	.....
Resident carrying fishing-tackle or angling without a licence	4	13	1	.....	24	.....	42	42	420.00
Trading in pelts of fur-bearing animals without a licence	.....	.....	1	.....	1	.....	2	2	100.00
Using another person's licence	.....	.....	.....	.....	.....	1	.....	1	.....
Firearms.									
Carrying firearms in, or discharging same from, an automobile, etc.	6	12	9	2	14	.....	43	43	415.00
Carrying, or in possession of, unplugged pump or repeating or automatic shotgun	.....	.....	.....	.....	3	.....	3	3	10.00
Discharging firearms on or across a highway in a municipality	.....	.....	.....	.....	1	.....	1	1	10.00
Miscellaneous.									
Exporting fur without a permit or payment of royalty	.....	.....	.....	2	.....	.....	2	2	20.00
Fur-trader failing to keep proper record-book	.....	.....	1	.....	.....	.....	1	1	50.00
Interfering with Game Warden in discharge of his duties	.....	.....	1	.....	1	.....	2	2	60.00
Making false statement in obtaining a licence, etc.	.....	1	2	.....	2	1	5	6	60.00
Non-resident hunting big game without a licensed guide	.....	1	.....	.....	.....	.....	1	1	50.00
Trespassing in pursuit of game	.....	.....	3	.....	7	.....	10	10	85.00
British Columbia Special Fishery Regulations.									
Angling by using roe in prohibited area	15	.....	.....	.....	.....	.....	15	15	87.50
Angling for trout during the close season	1	1	.....	1	5	.....	8	8	97.50
Angling with more than one line, etc.	.....	.....	.....	.....	4	.....	4	4	40.00
Exceeding bag-limit on trout	.....	1	.....	.....	.....	.....	1	1	25.00
Netting kokanee without a licence or taking kokanee illegally	.....	1	1	.....	.....	.....	2	2	12.50
Taking undersized trout	.....	4	.....	.....	1	.....	5	5	50.00
									$5,570.50
Gaol Sentences.									
Angling for trout during the close season or without a licence	.....	1	.....	.....	.....	.....	1	1	.....
Hunting and killing big game in unorganized district by an Indian or farmer when not in need of same for food	.....	.....	.....	1	.....	.....	1	1	.....
Interfering with a registered trap-line	.....	.....	.....	4	1	.....	5	5	.....
Pit-lamping of game	1	.....	.....	1	.....	.....	2	2	.....
Totals	56	58	66	51	141	7	372	379	.....

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Gaol sentences ranged from ten days to ninety days.

HUNTING AND FISHING ACCIDENTS, 1944.

Date.	Name of Wounded Person.	Name of Person responsible for Accident.	District.	Cause of Accident.	Nature of Injuries.	Result of Injuries.
Aug. 31	Phillips, Jas. W.	Self	Prince George	Pulling loaded rifle, muzzle first, out of a truck	Shot through heart	Died.
Oct. 4	Erickson, Russell	Self	Williams Lake	Careless handling of a pump shotgun	Struck in foot, losing toe	Not serious.
,, 7	Angus, Stanley E.	Holt, Richard	Grand Forks	Premature discharge of shotgun in faulty condition	Wounded in right leg	Serious.
,, 10	Mitchell, Harold	Dawe, W. (Jr.)	Valdes Islands	Firing at indistinct object in bush	Pellets in shoulder, face, neck, and head	Not serious.
,, 14	Cooney, Lloyd	Newcombe, Walter	Sea Island	Stepping in line of fire	Pellets in calves of both legs	Not serious.
,, 14	Sampson, Dr. J. A.	Andrews, Frank	Kamloops	Shooting at low-flying pheasant in bush	Shot pellets in face, causing loss of sight in right eye	Serious.
,, 29	Scarsbrook, W.	Self	Parksville	Accidental discharge of a shotgun	Wounded in left foot	Not serious.
Nov. 2	From, Oliver	Self	Kettle Valley	Accidental discharge of a rifle	Bullet passing through web of left hand between thumb and forefinger	Not serious.
,, 11	Braithwaite, J. (Jr.)	Self	Vanderhoof	Careless handling of a .22 rifle	Wounded in both legs	Not serious.
,, 30	Janning, B. A.	Self	Kamloops	Pulling loaded shotgun through fence	Shot in foot, necessitating amputation of second toe	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, 1944.

Kind of Game Fish.	Eggs.	Fry.	Fingerlings.
Cut-throat	769,040	217,560	.....
Eastern brook	120,000	306,000	.....
Kamloops trout	3,558,385	2,248,254	1,426,464
Kokanee	2,640,000	28,960	.....
Steelhead	9,605	.....	.....
Totals	7,097,030	2,800,774	1,426,464

SUMMARY OF GAME-FISH EGGS, FRY, AND FINGERLINGS AT DEPARTMENTAL HATCHERIES, DECEMBER 31ST, 1944.

Hatchery.	EASTERN BROOK.	KAMLOOPS.	KOKANEE.
	Eggs or Fry.	Fingerlings or Fry.	Eggs or Fry.
Cultus Lake	.....	111,782	.....
Kaslo	.....	146,645	.....
Nelson	343,800	88,960	247,550
Qualicum Beach	.....	115,561	.....
Smiths Falls	.....	112,431	.....
Stanley Park	.....	.....	43,187
Veitch Creek	.....	76,000	.....
Totals	343,800	651,379	290,737

Summary.

Eggs	7,097,030
Fry	2,800,774
Fingerlings	1,426,464
Total distributions	11,324,268
On hand at hatcheries, December 31st, 1944	1,285,916
Total	12,610,184

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, 1944.

Hatchery or Station. (Particulars of Plantings or Liberations.)	Kind of Fish or Eggs.												
	Cut-throat.		Eastern Brook.		Kamloops.			Kokanee.		Steelhead.		Hatcheries.	
	Eggs.	Fry.	Eggs.	Fry.	Eggs.	Fry.	Fingerlings.	Eggs.	Fry.	Eggs.	Fingerlings.	Eggs.	Fingerlings or Fry.
Vancouver Island.													
Qualicum Hatchery.													
Beach Creek (Hatchery Creek)							51						
Becks Lake							4,000						
Boomerang Lake							3,000						
Cameron Lake							4,000						
Chain Lake							3,000						
Comox Lake							6,600						
Deadwood Creek							500						
Docherty Creek							500						
Echo Lake							2,000						
Englishman River							2,500						
First Nanaimo Lake							3,000						
Great Central Lake							4,000						
Henderson Lake							2,000						
Holdens Lake							3,000						
Horne Lake							4,000						
Little Qualicum River							1,500						
Littles Creek							500						
Long Lake							3,000						
Longley Lake							5,500						
Loon Lake							500						
Mirror Lake							2,000						
Morrison Creek							500						
O.K. Lake							4,000						
Oyster River							3,000						
Puntledge River							5,800						
Quinsam Lake							4,000						
Spencer Creek							1,500						
Sproat Lake							10,000						
Summit Lake							500						
Sutton Creek							500						
Swayne Creek							500						
Toad Lake							4,000						
Westwood Lake							5,500						
Totals							94,951						

GAME-FISH CULTURE BRANCH—SUMMARY OF TROUT PLANTINGS, 1944—*Continued.*

Hatchery or Station. (Particulars of Plantings or Liberations.)	Kind of Fish or Eggs.												
	Cut-throat.		Eastern Brook.		Kamloops.			Kokanee.		Steelhead.		Hatcheries.	
	Eggs.	Fry.	Eggs.	Fry.	Eggs.	Fry.	Fingerlings.	Eggs.	Fry.	Eggs.	Fingerlings.	Eggs.	Fingerlings or Fry.
Vancouver Island—*Continued.*													
Veitch Creek Hatchery.													
Dugan Lake							2,000						
Lost Lake							5,000						
Matheson Lake							5,000						
Maxwell Lake							5,009						
Pike Lake							3,000						
Quamichan Lake							5,000						
Shawnigan Lake							13,500						
Totals							38,509						
Lower Mainland.													
Cultus Lake Hatchery.													
Atchelitz Creek							3,000						
Campbell River							8,000						
Davis Creek					100,000								
Hairsine Creek					100,000								
Hatzic Lake					100,000								
Hope Slough							3,000						
Kakawa Lake					50,000		9,000						
Lake of the Woods							10,000						
Little Sumas River							3,000						
Maria Slough					100,000								
Marshall Creek							3,000						
Mill Lake							2,500						
Nicomekl River							20,000						
North Alouette River					100,000								
Popkum Lake					60,000		4,000						
Renford Creek					50,000								
Stewart Lake							3,000						
Sweltzer Creek					140,000		2,555			9,605			
Totals					800,000		71,055			9,605			

Smiths Falls Hatchery.													
Cannell Lake							5,000						
Clayburn Creek							2,000						
Davis Lake							4,000						
Harrison Lake							14,000						
Hatzic Slough							4,000						
Hayward Lake							9,000						
Loch Erroch							3,000						
Maria Slough							4,000						
Miama Slough							3,000						
Nicomen Slough							8,000						
Rawleigh Lake							5,000						
Salmon River							10,000						
Serpentine River							20,000						
Stave Lake							11,700						
Totals							102,700						
Stanley Park Hatchery.													
Gambier Lake (Linfoot Lake)					6,000								
Petgil Lake					4,000								
Seymour River							9,537						
Totals					10,000		9,537						
OKANAGAN DISTRICT.													
Lloyds Creek Hatchery.													
Alta Lake					40,000								
Aylmer Lake						15,000							
Beaver Lake (Devick Lake)						5,000							
Bouchie Lake					10,000								
Bridge Lake					20,000								
Cheakamus River					45,000								
Crown Lake						10,000							
Crystal Lake					5,000								
Dairy Lake						5,000							
Deka Lake					20,000								
Genier Lake						5,000							
Harper Lake						10,000							
Hidden Lake						15,000							
Horse Lake					20,000								
Jackal Lake						5,000							
Kelly Lake					20,000								
Knouff Lake						75,000							
Leighton Lake						10,000							

GAME-FISH CULTURE BRANCH—SUMMARY OF TROUT PLANTINGS, 1944—*Continued.*

HATCHERY OR STATION. (Particulars of Plantings or Liberations.)	KIND OF FISH OR EGGS.												
	CUT-THROAT.		EASTERN BROOK.		KAMLOOPS.			KOKANEE.		STEELHEAD.		HATCHERIES.	
	Eggs.	Fry.	Eggs.	Fry.	Eggs.	Fry.	Finger-lings.	Eggs.	Fry.	Eggs.	Finger-lings.	Eggs.	Fingerlings or Fry.
OKANAGAN DISTRICT—*Continued.*													
Lloyds Creek Hatchery—Continued.													
Mara Lake					60,000	30,000							
Melburn Lake					10,000								
McConnell Lake						10,000							
McGlashan Lake						10,000							
Nita Lake					10,000								
Palmer Creek					100,000								
Paul Lake						250,000							
Pavilion Lake						20,000							
Pillar Lake						30,000							
Pinantan Lake						150,000							
Pressy Lake					10,000								
Puntchesakut Lake					10,000								
Rosemond Lake						10,000							
Salmon River					50,000								
Shuswap Lake (Big)						90,000							
Shuswap Lake (Little)						30,000							
Spanish Lake						10,000							
Stake Lake						10,000							
Tunkwa Lake						10,000							
Youngs Lake					10,000								
Dominion Department of Fisheries, St. John, N.B.					150,000								
Ontario Department of Game and Fisheries					50,000								
Malaspina Rod and Gun Club					50,000								
Prince George Rod and Gun Club					85,000								
Revelstoke Rod and Gun Club					90,000								
Smithers Rod and Gun Club					60,000								
Cranbrook Hatchery												170,000	
Cultus Lake Hatchery												250,000	
Nelson Hatchery												350,000	
Qualicum Beach Hatchery												170,000	
Stanley Park Hatchery												360,000	
Summerland Hatchery												170,000	
Veitch Creek Hatchery												170,000	
Totals					925,000	815,000						1,640,000	

Penask Lake Hatchery.													
Alleyene Lake						10,000							
Blue Creek					15,000								
Boss Trout Lake						5,000							
Davis Lake						5,000							
Gillies Lake						5,000							
Glimpse Lake						5,000							
Hornet Lake						15,000							
Jackson Lake						5,000							
Kentucky Lake						10,000							
Loosemore Lake						5,000							
Ludwig Lake						10,000							
Moore Creek					130,000								
Peterson Lake						5,000							
Thalia Lake						5,000							
Terrace Rod and Gun Club					50,000								
Cranbrook Hatchery												300,000	
Cultus Lake Hatchery												800,000	
Lloyds Creek Hatchery												630,000	
Nelson Hatchery												880,000	
Stanley Park Hatchery												200,000	
Summerland Hatchery												200,000	
Totals					195,000	85,000						3,010,000	
Beaver Lake Hatchery.													
Barclay Creek					77,000								
Beaver Lake						40,500							
Coldstream Creek					120,000								
Crooked Lake						15,000							
Dee Lake						10,000							
Deer Lake						10,000							
Doreen Lake						10,000							
Echo Lake						2,500							
Eight Mile Creek					50,000								
Hidden Lake						74,395							
Island Lake						10,000							
Kalamalka Lake						117,500							
Lost Lake						5,000							
Mabel Lake						21,500							
Okanagan Lake						370,000							
Oyama Lake						10,500							
Pats Lake						15,000							
Reiswick Creek (Woods Lake)					100,000								
Round Lake						2,500							

GAME-FISH CULTURE BRANCH—SUMMARY OF TROUT PLANTINGS, 1944—*Continued.*

Hatchery or Station: (Particulars of Plantings or Liberations.)	Kind of Fish or Eggs.												
	Cut-throat.		Eastern Brook.		Kamloops.			Kokanee.		Steelhead.		Hatcheries.	
	Eggs.	Fry.	Eggs.	Fry.	Eggs.	Fry.	Finger-lings.	Eggs.	Fry.	Eggs.	Finger-lings.	Eggs.	Fingerlings or Fry.
Okanagan District—*Continued.*													
Beaver Lake Hatchery—Continued.													
Trapper Lake						10,000							
Vance Creek					100,000								
Wilma Lake						7,500							
Woods Lake						98,000							
Kelowna Hatchery													73,500
Stanley Park Hatchery												110,000	
Summerland Hatchery												561,000	
Vernon Rearing-ponds													35,000
Totals					447,000	829,895						671,000	108,500
Summerland Hatchery.													
Agar Lake						5,000							
Allendale Lake						5,000							
Bear Lake						5,000							
Brenda Lake						5,000							
Brent Lake (private sale)						2,000							
Chain Lake						5,000							
Chute Lake						5,000							
Coquihalla Lake						4,000							
Deer Lake						5,000							
Eneas Lake						5,000							
Fish Lake						10,000							
Garnett Lake						10,000							
Glen Lake						10,000							
Link Lake						2,500							
Madden Lake						8,000							
Missezula Lake						10,000							
Murphy Lake						5,000							
McDonald Lake						2,000							
McLean Lake						5,000							
Nicomen Lake						5,000							
Okanagan Lake (South End)						415,235							

Osoyoos Lake						50,000							
Peachland Reservoir or Lake						15,000							
Richter Lake						15,000							
Silver Lake						5,000							
Similkameen River (Hedley)						20,000							
Skaha (Dog) Lake						250,000							
Spring Lake						5,000							
R. J. MacDougall (private sale)						2,000							
W. S. Garrison (private sale)						2,500							
Totals						893,235							
KOOTENAY DISTRICT.													
Nelson Hatchery.													
Alta Lake								25,000					
Bear Lake					10,000								
Beaver Creek				35,000									
Big Sheep Creek				35,000									
Boundary Creek					20,000								
Boundary Lake				55,000									
Box Lake						21,374							
Bush Lake								50,000					
Champion Lake							1,500						
Christina Lake					180,000								
Clearwater Lake								25,000					
Cottonwood Creek						15,000	68,861	100,000					
Cottonwood Lake									28,960				
Crawford Creek					10,000								
Echo Lake				30,000									
Erie Lake				25,000									
Granby River (North Fork)					45,000								
Hayspir Matchery, Idaho (sold)								500,000					
Hill Creek					10,000								
Hoder Creek (Little Slocan Lake)			100,000										
Jewel Lake						35,000							
Kettle River (above Westbridge)					50,000								
Kettle River (West Fork)					20,000								
Kokanee Creek								100,000					
Kootenay Lake (West Arm)							27,606						
Little Slocan Lake				65,000									
Loon Lake (Ainsworth)				12,000									
Loon Lake (Grindrod)				25,000									
Meadow Creek			20,000										
Mill Creek				5,000				25,000					

GAME-FISH CULTURE BRANCH—SUMMARY OF TROUT PLANTINGS, 1944—*Continued.*

Hatchery or Station. (Particulars of Plantings or Liberations.)	Kind of Fish or Eggs.												
	Cut-throat.		Eastern Brook.		Kamloops.			Kokanee.		Steelhead.		Hatcheries.	
	Eggs.	Fry.	Eggs.	Fry.	Eggs.	Fry.	Finger-lings.	Eggs.	Fry.	Eggs.	Finger-lings.	Eggs.	Fingerlings or Fry.
Kootenay District—*Continued.*													
Nelson Hatchery—Continued.													
Mission Creek								100,000					
Moyie Lakes								100,000					
Murphy Creek (Columbia River)						45,000							
MacDonald Creek					20,000								
Mackenzie Lake					10,000								
Nakusp Creek					20,000								
Nursery waters (Crawford Bay)						10,000							
Okanagan Lake								100,000					
Pass Creek						45,000							
Porcupine Creek						4,150							
Redfish Creek								50,000					
Rock Creek					10,000								
Rosebud Lake		60,900				12,600							
Salmon River					40,000								
Salmon River (North Fork)					10,000								
Salmon River (South Fork)					10,000								
Sanca Creek					15,000								
Shuswap Lake								100,000					
Six Mile Lakes					15,000								
Slocan Lake (Inlet Creeks)					60,000								
Slocan Lake (Bonanza Creek)						40,000							
Slocan Lake (Upper Water)								300,000					
Slocan River						45,000							
Smelter Lake					45,000								
Squaw Creek					40,000								
St. Mary Lake								100,000					
Summit Creek					15,000								
Summit Lake						20,000							
Sunshine Creek					60,000								
Twin Falls Hatchery (sold)								500,000					
Whatshan Lakes					40,000			100,000					
Wilgress Lake (Loon Lake)						10,000							
Wilson Lakes					35,000								

Windermere Lake								100,000					
A. H. Peppar (private sale)								25,000					
Prince George Rod and Gun Club								40,000					
Stanley Park Hatchery								200,000					
Twin Lakes				10,000									
D. Schellenberg (private sale)				5,000									
E. A. Malacord (private sale)				2,000									
Don McWhinnie (private sale)				2,000									
Totals		60,900	120,000	306,000	790,000	303,124	97,967	2,640,000	28,960				
Kaslo Hatchery and Ponds.													
Kootenay Lake							75,835						
Bjerkness Ponds					100,000								
Nelson Hatchery												3,190,000*	
Totals					100,000		75,835					3,190,000*	
Gerrard Hatchery.													
Cranbrook Hatchery												125,000†	
Kaslo Hatchery												299,962†	
Nelson Hatchery												65,000†	
Totals												489,962†	
Cranbrook Hatchery.													
Baptiste Lake		15,000											
Bartholomews Lake													6,845
Blackwater Lakes						20,000							
Bull River (between dams)												21,785‡	
Burton Lake						5,000							
Bush Lakes					40,000								
Cartwright Lake						10,000							
Cedar Lakes						10,000							
Cedar Creek	19,700												
Cotton Creek (Moyie Lakes)	15,850											19,020	
Columbia Lake					70,000								
Deer Lake					30,000								
Department of Mines and Resources, Banff	180,215												
Department of Mines and Resources, Waterton Park	70,805												
Doyles Lake		4,000											
Dunbar, Twin, and Bott Lakes	28,435												
Edwards Lake					24,000								
Elk River (south of Fernie)	75,000												
Fish Lakes (Cranbrook)	15,855	7,000											
Garbuts Lake					25,000								

* Kakanee. † Kamloops. ‡ Hybrids.

GAME-FISH CULTURE BRANCH—SUMMARY OF TROUT PLANTINGS, 1944—*Continued.*

Hatchery or Station. (Particulars of Plantings or Liberations.)	Kind of Fish or Eggs.												
	Cut-throat.		Eastern Brook.		Kamloops.			Kokanee.		Steelhead.		Hatcheries.	
	Eggs.	Fry.	Eggs.	Fry.	Eggs.	Fry.	Finger-lings.	Eggs.	Fry.	Eggs.	Finger-lings.	Eggs.	Fingerlings or Fry.
Kootenay District—*Continued.*													
Cranbrook Hatchery—Continued.													
Goat River	48,345												
Griffin Lake	25,000												
Hart Lake		5,000											
Irishman Creek												20,000	
Johnson Lake						12,000							
Lillian Lake						15,000							
Little Bull River Pond		4,370											
Little Sand Creek	20,000												
Lost Lake		5,000											
Loon Lake						10,000							
Manistee Lake						10,000							
Michel Creek	30,000												
Mineral Lake							3,000						17,075
Mirror Lake							2,000						
Monroe Lake		20,290											32,640
Moyie Lakes						15,000	27,000						
Moyie River (below lakes)												23,000	
McBains (Rosen) Lake						16,000							
New Lake							3,000						
North Star Lake							3,000						
Paddy Ryan Lakes		20,000											
Palmer Bar Creek		10,000											
Peavine Creek (Moyie Lakes)	23,555				32,385								
Peckhams Lake							3,000						
Premier Lake							21,800						
Rock (Mud) Lake							500						
Rock (Stevens) Lake							3,500						
Rothwell Lake							2,500						
Silver Springs Lakes						13,000							
Smith Lake							20,470						
St. Mary Lake	20,105	20,000					20,950					31,810	
Summit Lake	25,000												

Surveyors Lake							3,000						
Three Valley Lake	75,000												
Tie Lake							3,000						
Twin Lakes							2,620						
Valley Creek		8,000											
Victor Lake	25,000												
Windermere Lake					70,000								
Wiseman Creek	21,175												
Zwick and Dalziel Creeks, etc.	50,000												
E. C. Coupland (private sale)						1,000							
E. Firstell (private sale)							1,570						
Fernie Rearing-ponds		10,000											
Matthew Creek Rearing-ponds		28,000											
Totals	769,040	156,660			291,385	137,000	120,910					115,615	56,560

Returns from 2,025 Holders of Special Firearms Licences, showing Big Game, Fur-bearing Animals, and Predatory Animals killed, Season 1943–44.

Big Game.

Bear	404	Mountain-goat	189
Caribou	45	Mountain-sheep	8
Deer	826	Wapiti (elk)	9
Moose	558		

Fur-bearing Animals.

Badger	1	Otter	259
Beaver	7,874	Racoon	2,483
Fisher	521	Skunk	136
Fox	8,242	Squirrels	91,683
Lynx	1,108	Weasel	19,904
Marten	5,952	Wildcat	314
Mink	8,807	Wolverine	153
Muskrats	49,492		

Predatory Animals.

Cougar	93	Wolves	365
Coyotes	4,428		

Fur-farm Returns, 1944.

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 1944).	Total Animals on Hand as at December 31st, 1944.	
						Males.	Females.
Beaver	22	2	5	.....	.....	14	5
Fisher	56	4	24	8	23	11	17
Foxes	2,934	47	1,756	38	1,101	373	814
Marten	168	12	19	28	60	60	73
Mink	29,583	583	17,429	1,322	12,676	2,781	8,634
Muskrats	282	4	.....	.....	.....	284	2
Nutria	155	2	58	39	10	28	32
Racoon	17	.....	1	.....	1	9	7

Note.—Figures in respect to muskrats and beaver approximate. Cancelled permits, 32. Six licensed fur-farmers have not submitted their returns. There were four *nil* returns.

STATEMENT OF VERMIN DESTROYED BY GAME WARDENS DURING THE YEAR 1944.

Kind of Animals or Birds destroyed.	Game Divisions.					Total.
	"A."	"B."	"C."	"D."	"E."	
Animals.						
Bear	.....	5	14	4	8	31
Cougar	13	20	16	.....	3	52
Coyotes	.....	84	178	33	3	298
Ground-hogs	.....	145	16	.....	.....	161
Wolves	1	.....	4	22	.....	27
Wild (domestic) cats	196	102	207	1	495	1,001
Wild (domestic) dogs	73	14	13	.....	78	178
Fox	.....	.....	.....	.....	52	52
Bobcat	.....	1	6	.....	8	15
Birds.						
Crows	30	347	595	49	1,530	2,551
Eagles	7	11	11	13	15	57
Hawks	35	121	199	3	120	478
Magpies	.....	122	616	.....	.....	738
Owls	8	49	132	11	19	219
Ravens	5	5	62	58	5	135
Mergansers	18	.....	.....	.....	10	28
Kingfishers	.....	12	.....	.....	2	14

SUMMARY OF LIBERATION OF GAME BIRDS, 1944.

Area.	Pheasants.
Vancouver Island—	
Courtenay	100
Total	100
Lower Mainland—	
Agassiz	105
Chilliwack	175
Lulu and Sea Islands	707
Mission (Hatzic, etc.)	496
Matsqui	161
Pitt Meadows	605
Sumas Prairie	545
Surrey	583
Total	3,377

Summary.

District.	
Vancouver Island	100
Lower Mainland	3,377
Total	3,477

Statement of Game-bird Farmers, 1944.

Number and Kind of Birds on Hand as at January 1st, 1944.

Pheasants	1,154	Geese	9
Quail	73	Partridge	28
Ducks	7		

Number and Kind of Birds raised, 1944.

Pheasants	5,517	Geese	4
Quail	84	Partridge	53

Number and Kind of Birds purchased, 1944.

Pheasants	146	Geese	2

Number and Kind of Birds sold, 1944.

Pheasants	4,053	Partridge	18
Quail	48		

Number and Kind of Birds killed or died, 1944.

Pheasants	991	Geese	1
Quail	47	Partridge	7
Ducks	4		

Number and Kind of Birds on Hand as at December 31st, 1944.

Pheasants	1,773	Geese	14
Quail	62	Partridge	56
Ducks	3		

Note.—During the year 1944 there were 115 licensed game-bird farmers in the Province, but during the year twenty-five of these farmers discontinued operations. There was one *nil* return. Game-bird bands sold to licensed game-bird farmers during the year 1944—482 bands at 10 cents—$48.20.

Miscellaneous Revenue.

Sale of list of licensed fur-farmers	$45.50
Sale of list of licensed fur-traders	7.50
Sale of list of licensed trappers	75.00
Total	$128.00

List of Guides and Non-resident Outfitters, 1944.

Barkerville-Quesnel District.

Armstrong, Wilfred R.	Quesnel.
Becker, Frederick	Wells.
Cochran, James D.	Barkerville.
Evans, Charles	Quesnel.
Grevatt, Walter	Quesnel.
Lavington, Arthur	Quesnel.
Lyngos, Hans	Quesnel.
Mann, Arnold R.	Likely.
McCall, Max A.	Quesnel.
Ostrum, Harry	Likely.
Cooper, Thomas H.	Quesnel.
Quanstrom, Carl	Quesnel.
Quanstrom, Julius	Quesnel.
Rawling, Arden	Quesnel.
Tibbles, Fred S.	Quesnel.
Tibbles, James	Quesnel.
Webster, Hugh J.	Narcosli Creek.

Cassiar District.

Ball, George B.	Telegraph Creek.
Carlick, Billy Fann	Telegraph Creek.
Dennis, Alex.	Telegraph Creek.
Dennis, John C.	Telegraph Creek.

Coast District.

Green, E. H.	Princess Louisa Inlet.
Skuce, Herbert	Ocean Falls.
Stanton, Jas. R.	Glendale Cove, Knight Inlet.
Walker, Thomas A.	Bella Coola.

Hazelton District.

Leon, Paddy	Topley.
Van Tine, Edward	Ootsa Lake.

Kamloops District.

Allison, Alfred E.	Clearwater.
Brousseau, Clifford	Savona.
Brownlee, Cleve A.	Red Lake.
Burdett, George	Savona.
Cooper, Norman T.	Savona.
Deaver, H. Jas.	Savona.
Fraser, David J.	Barriere.
Grant, Gordon	McLure.
Haycock, Wm. A.	Sicamous.
Helset, Torbjorn	Clearwater.
Hoover, Eldred F.	McLure.
Ivens, Joseph	Okanagan Mission.
Johnson, Stewart	Criss Creek.
Langman, Samuel	Red Lake.
Marsden, Gladstone	Criss Creek.
Mobley, Charles W.	Tappen.
Mobley, Howard I.	Salmon Arm.
McKort, Clarence	Clearwater.
McLean, Clifford	McLure.
Paul, Nick	Salmon Arm.
Pedersen, Peter	Sorrento.
Rawson, John C.	Squilax.
Riddle, Albert R.	Criss Creek.
Shook, Floyd A.	Clearwater.
Sleeth, Edward	Savona.
Smith, William	North Kamloops.
Walters, Budd	Savona.
Walters, Jack	Savona.
Walters, June	Savona.
Welland, J. E.	Red Lake.

Kootenay District.

Ashman, Levi	Waterton Lakes, Alta.
Baher, Martin C.	Natal.
Barbour, George G.	Wilmer.
Daney, Seldon (Jr.)	Ferguson.
Daniken, Joseph	Brisco.
DeSimone, S. H.	Revelstoke.
Dilworth, James	Athalmer.
Eftoda, Gordon	Kaslo.
Harrison, Wm. O.	Edgewater.
Hicks, Frank	Fernie.
Hynes, Ben R.	Galena.
Montgomery, Miss Agnes	Spillimacheen.
McClain, J. I.	Galena.
McIvor, Norman D.	Fort St. John.
McKay, Gordon J.	Athalmer.
McKeeman, Robert	Parson.
Nicholas, Dominac	Kootenay Reserve.
Nicol, Arthur H.	Fort Steele.

LIST OF GUIDES AND NON-RESIDENT OUTFITTERS, 1944—*Continued.*

Kootenay District—Continued.

Ogilvy-Wills, J. R.	Fairmont.
Phillips, F. Alex.	1551 St. Andrews St., North Vancouver.
Quinn, Roy	Parson.
Richter, Frank	Invermere.
Sykes, Harry	Galena.
Thomas, O. E.	Parson.
Wiedenman, Otto	Golden.

Lillooet-Cariboo-Chilcotin District.

Archie, George	Canim Lake.
Archie, Jacob	Canim Lake.
Baker, J. C.	Clinton.
Baker, R. M.	Clinton.
Bates, F. M.	Clinton.
Bell, T. D.	70-Mile House.
Bishop, James A.	Clinton.
Bobb, E. R.	Marguerite.
Bones, Alex.	Clinton.
Bones, Frank	Clinton.
Bones, Pete	Clinton.
Bonner, Jas.	Big Creek.
Burgess, T. R.	Fawn.
Church, Richard	Big Creek.
Cleveland, J. G.	Bridge Lake.
Cleveland, L. C.	Bridge Lake.
Cleveland, R. C. L.	Bridge Lake.
Coldwell, H. W.	Jesmond.
Colin, Arthur	Lac la Hache.
Collings, E. M.	Ashcroft.
Coulson, H. R.	70-Mile House.
Daniels, Geo.	Canim Lake.
Daniels, Walter	Fawn.
Davis, S. E.	Bridge Lake.
Donald, Wm. J.	Savona.
Dougherty, C. A.	Clinton.
Dougherty, E. G.	Clinton.
Eagle, Clifford B.	Lac la Hache.
Ewart, D.	Lac la Hache.
Fenton, Charles	Big Bar.
Fenton, Walter	Big Bar Creek.
Ferguson, James	Ashcroft.
Flaherty, R. J.	100-Mile House.
Ford, C. H.	Horsefly.
Gaugh, Allan	Lytton.
Gibbons, M. L.	Horsefly.
Grinder, Isidore	Clinton.
Grinder, John	Big Bar.
Hamilton, M. M.	Lac la Hache.
Hamilton, J. R. (Jr.)	Williams Lake.
Hamilton, P.	Williams Lake.
Hamilton, R. M.	Williams Lake.
Hamilton, Thomas	Williams Lake.
Hansen, John F.	Bridge Lake.
Hansen, R. Lee	Bridge Lake.
Hansen, Wesley B.	Bridge Lake.
Harry, Alfred	Canim Lake.
Higginbottom, A.	Jesmond.
Higgins, Marion	Bridge Lake.
Higgins, Ronald	Fawn.
Hockley, Geo.	Horsefly.
Holding, Richard	Bankier.
Hooker, F. C.	Horsefly.
Hooker, S. B.	Horsefly.
Johnson, Claude	Bridge Lake.
Johnson, J. A.	100-Mile House.
Keary, Chas.	Minto Mine.
King, Gordon	Bridge Lake.
Krebs, Leonard B.	Lac la Hache.
Labordie, Eddie	Clinton.
Land, Robt. R.	Moha.
Larson, Jack O.	Roe Lake, Fawn.
Larson, L. L.	Fawn.
Larum, Sigurd	Fawn.
Levick, J. S.	Fawn.
Lewis Jack	Williams Lake.
Lonneke, F. W.	Horsefly.
Lowe, F. J.	Ashcroft.
Mackill, Clarence	Kleena Kleene.
Madden, E. E.	Cache Creek.
Marriott, Ron	Clinton.
Miller, Wayne	Fawn.
Mobbs, Ben	70-Mile House.
Monkman, E. N.	Narcosli Creek.
Monkman, F. G.	Narcosli Creek.
Moore, Geo.	Ochiltree.
Morgan, Dallas J.	Likely.
Mulvihill, M. J.	Jesmond.
Murray, George	21-Mile.
McClary, Wayne R.	Lac la Hache.
McNeil, H. M.	Canim Lake.
Nicol, Alex.	Horsefly.
Nicol, Shelly	Horsefly.
Owens, Jack	Ashcroft.
Park, Arlie H.	70-Mile House.
Park, Jack P.	70-Mile House.

LIST OF GUIDES AND NON-RESIDENT OUTFITTERS, 1944—*Continued.*

Lillooet-Cariboo-Chilcotin District—Continued.

Paxton, H. E.	Macalister.
Perrault, Joseph	Jesmond.
Perry, Frank	Cache Creek.
Peters, Michell	Clinton.
Pollard, Harold	Clinton.
Pollard, John	Clinton.
Powell, Thomas	Fawn.
Prydatok, Steve	70-Mile House.
Reed, James C.	Bridge Lake.
Reinertson, C. W.	70-Mile House.
Reynolds, A. J.	Big Bar Creek.
Rosetti, August	Gang Ranch.
Scheepbower, J. C.	70-Mile House.
Scott, Douglas	100-Mile House.
Scott, Duncan	Bridge Lake.
Sellers, Albert	Soda Creek.
Sporring, John	Bridge Lake.
Thomason, David	Bridge Lake.
Thorsteinson, C.	Fawn.
Turnbull, John R.	Cache Creek.
Turney, R. J.	Fawn.
Vaness, John J.	Horsefly.
Walters, G. H.	Horsefly.
Walters, Lloyd	Horsefly.
Wilkinson, E. C.	70-Mile House.
Wohlleben, W.	Ashcroft.
Wotzke, Herb	Ashcroft.
Zimmerlee, Ernest	Clinton.
Young, Wm.	Clinton.

Peace River District.

Beaton, Duncan	Fort St. John.
Calliou, John	Goodfare P.O., Alta.
Campbell, Leo	Goodfare P.O., Alta.
Chatlan, Alfred	Goodfare P.O., Alta.
Courtepatte, A.	Goodfare P.O., Alta.
Davidson, J. O.	Watson Lake, Y.T.
Dhenin, Rene G.	Montney.
Durney, Milo	East Pine.
Gladu, Isadore	Lymburn, Alta.
Gray, Geo. D.	Goodfare P.O., Alta.
Hambler, George	Goodfare P.O., Alta.
Hambler, Joe	Goodfare P.O., Alta.
Letendre, R.	Mt. Valley, Alta.
Longhurst, W. J.	Fort St. John.
Noskey, Ernest	Goodfare P.O., Alta.
Noskey, Narcisse	Goodfare P.O., Alta.
Sheffield, Bert	Charlie Lake.
Thomas, John	Arras.
Wanandie, Paul	Goodfare P.O., Alta.

Prince George District.

Blackman, William	Valemont.
Bowman, Geo. A.	Tête Jaune.
Carr, Stan J.	Tête Jaune Cache.
Corless, R. F. (Jr.)	Prince George.
Davidson, Charlie	Vanderhoof.
Hargreaves, Roy F.	Mount Robson.
Hobe, Henry	Hansard.
Hooker, Jas. B.	Bend.
Moore, L. B.	Tintagel.
McEwen, D. C.	Prince George.
McLaughlin, W. A.	Valemont.
Neighbor, H. M.	Tête Jaune.
Sande, Walter J.	Sinclair Mills.
Van Somer, J. E.	Prince George.

Similkameen-Boundary District.

Abel, Cummins	Westbridge.
Fernstrom, John	Rock Creek.
From, Carl H.	Westbridge.
From, Guss W.	Westbridge.
From, Oliver	Westbridge.
Hall, D. Elmer	Westbridge.
Lewis, James	Princeton.
Noren, C. F.	Westbridge.
Peterson, Morris	Westbridge.
Peterson, Stanley	Westbridge.
Rand, S. Percy	Beaverdell.
Richter, John	Keremeos.
Smith, Frank J.	Hope.
Soderquist, Eric	Westbridge.

Non-resident Outfitters.

Brooks, Carl	Wembley, Alta.
Brown, Frank E.	Hazelmere, Alta.
Phillips, Frank A. (Jr.)	1551 St. Andrews Street, North Vancouver.

Personnel of Game Department as at December 31st, 1944.

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

Headquarters.

Senior Clerk (Grade 1)	G. E. Marshall	Vancouver.
Senior Clerk-Stenographer	Miss I. Pettigrew	Vancouver.
Clerk-Stenographer	Miss H. Morris	Vancouver.
Senior Stenographer	Miss T. Jones	Vancouver.
Stenographer	Miss J. Smith	Vancouver.

Game-fish Culture Branch.

Fishery Supervisor	C. H. Robinson	Nelson.
Fishery Officer	E. Hunter	Nelson.
Fishery Officer	J. F. Thompson	Kaslo.
Fishery Officer	F. Pells	Cultus Lake.
Hatchery Officer	C. O. Mellor	Vancouver.
Hatchery Officer	A. Higgs	Qualicum Beach.
Hatchery Officer	J. D. Inverarity	Victoria.

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

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

"B" Division (Kootenay and Boundary Districts).

Inspector	C. F. Kearns	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.
Corporal Game Warden	A. F. Sinclair	Nelson.
Game Warden	H. Tyler	Invermere.
Game Warden	M. J. Wilson	Grand Forks.
Clerk-Stenographer	Mrs. I. Anderson	Nelson.

PERSONNEL OF GAME DEPARTMENT AS AT DECEMBER 31ST, 1944—*Continued.*

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

Inspector	R. M. Robertson	Kamloops.
Game Warden	D. Cameron	Salmon Arm.
Game Warden	W. R. Maxson	Kelowna.
Game Warden	C. F. Still	Vernon.
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	R. S. Welsman	Clinton.
Game Warden	E. M. Martin	Merritt.
Clerk-Stenographer	Miss H. Swadling	Kamloops.

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

Inspector	T. Van Dyk	Prince George.
Corporal Game Warden	K. O. Alexander	Fort Nelson.
Game Warden	P. Brown	Vanderhoof.
Game Warden	A. J. Jank	Prince George.
Corporal Game Warden	E. Martin	Prince Rupert.
Game Warden	C. D. Muirhead	Smithers.
Game Warden	W. O. Quesnel	Dawson Creek.
Game Warden	D. Roumieu	Burns Lake.
Game Warden	J. W. Stewart	Lower Post.
Game Warden (Special)	B. Villeneuve	Fort Nelson.
Clerk (Grade 1)	R. J. Guay	Prince George.
Clerk-Stenographer	Miss E. Foster	Prince Rupert.

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

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

PERSONNEL OF GAME DEPARTMENT AS AT DECEMBER 31ST, 1944—*Continued.*

Predatory-animal Hunter and Special Game Warden.

C. Shuttleworth	Kamloops

On Active Service.

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.

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