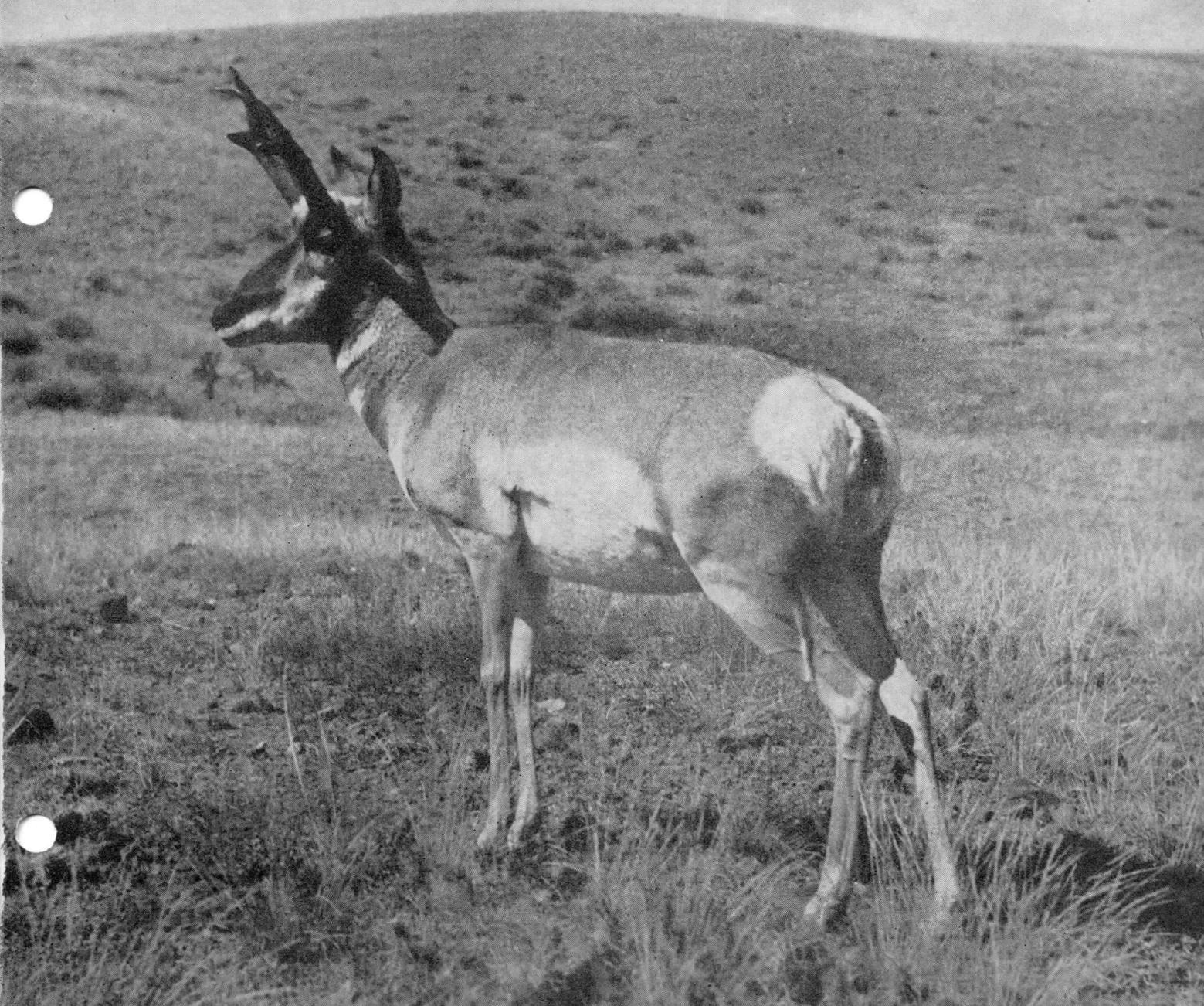


OREGON STATE
GAME COMMISSION
BULLETIN
AUGUST, 1954





THIS and THAT

Hunters will enjoy (we hope) the new form of hunting synopsis to be issued this season. A state map will be used to designate the special big game hunting areas and the regulations will be printed on the back. The synopsis will not be ready for distribution until sometime early in September. Copies will then be available at all license agencies.

* * *

Archers will be able to obtain permits to hunt in the special archery areas only from the Game Commission headquarters office in Portland and from the five regional offices located at La Grande, Corvallis, Roseburg, Bend, and Hines. The small demand (approximately 4,000 archers) does not warrant printing enough forms to distribute among 1,000 license agents. Applications may be mailed in.

* * *

Spring releases of game birds totalled 10,532 pheasants and 3,568 chukars. To provide birds for fall release, 16,045 chukar eggs and 64,583 pheasant eggs were set at the various game farms. Success in hatching and rearing has been above normal to date.

* * *

In preparation for the mass destruction of roach at Diamond Lake, lowering of the water level was started July 15. By September 20, all preparations should be completed so that poisoning of the fish can be started. This will be the largest trash fish control project ever attempted by the Game Commission and is being financed largely with federal Dingell-Johnson funds. . . . All this because a few fishermen dumped live minnows into a once wonderful trout lake and destroyed the fishing.

COVER

An antelope picture from the William L. Finley collection, now owned by the Game Commission. Mr. Finley was State Game Warden during the early history of the game department.

CONSERVATION AND FISHERY GROUPS MEET NEXT MONTH

The 44th annual convention of the International Association of Game, Fish and Conservation Commissioners will be held in Seattle, Washington, on September 15, 16 and 17. Meeting September 13, 14 and 15 will be the American Fisheries Society. The last meeting on the west coast was 15 years ago in San Francisco.

Harry D. Ruhl, Chief, Game Division, Michigan Department of Conservation, is President of the International Association and program committee chairman is P. W. Schneider, director of the Oregon Game Commission. Leading speakers on the program include Orme Lewis, Assistant Secretary of the Interior; Charles E. Greenlay, Minister, Manitoba Department of Mines and Natural Resources; Carl Schwob, Chief of Water Pollution Control Program, U. S. Public Health Service; John L. Farley, Director, U. S. Fish and Wildlife Service; Dr. I. N. Gabrielson, President, Wildlife Management Institute; and W. Winston Mair, Chief, Canadian Wildlife Service.

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At the present time the Bulletin is circulated free of charge to anyone forwarding a written request.

COMMISSIONER REAPPOINTED

Kenneth G. Denman, Medford attorney, last month was reappointed as a member of the Oregon State Game Commission for a five-year term. Mr. Denman has served continuously since January 1951. He also held an interim appointment from June, 1944 to January, 1946.

JULY MEETING OF THE GAME COMMISSION

Routine business acted upon by the Oregon State Game Commission during its meeting on July 9 and 10 included:

Angling Regulations: At a hearing advertised to consider changes in the 1954 angling regulations, the Commission made two changes. One extended the closure on the North Umpqua river below Soda Springs dam to a point 150 feet below the outflow of turbines at the powerhouse.

The bag limit for Unity Reservoir and tributaries was increased to 30 trout a day and 60 in 7 days or possession. This is to permit anglers to remove more trout before the reservoir is rotenoned this fall to destroy the roach.

Hood River building: Low bid of \$38,000 by Donald W. Thompson, North Bend, was accepted for construction of a building at Hood River hatchery.

Ochoco Reservoir: Director was instructed to apply to Bureau of Land Management for withdrawal for recreational use of 40 acres of land located adjacent to Ochoco Reservoir.

Columbia River: Consideration was given to request of the Affiliated Indian Tribes of the Columbia River for closure to sports angling of a section of the Columbia River in vicinity of Celilo, but no action taken.

Public Law 732: Director was instructed to write to the Congressional delegation expressing the Commission's opposition to any changes in Public Law 732 (Wildlife Resources Act of 1946) which would reduce protection given to fish and wildlife resources affected by federal construction activities or projects under federal license.

Resolutions: Resolutions passed by the Oregon Cattlemen's Association at their last convention were read. Also read was a resolution from Western Rod and Reel Club proposing that steelhead be made a game fish.

Biennial budget: Plans for the coming biennium were discussed in connection with preparation of the biennial budget required for submission to the 1955 legislature.



By JOHN McKEAN
Chief of Operation, Game Division

On July 9th the Oregon Game Commission established tentative hunting regulations for the 1954 seasons after receiving information and recommendations from interested organizations and individuals from all parts of the state. A second public hearing was held on July 23 and, with a few minor adjustments, the regulations were formally adopted.

In establishing hunting regulations the Commission gave greatest attention to the current status of the game resources as indicated by annual inventories obtained by their field agents. The expressed desires of the public were carefully weighed in the light of all available information.

The June issue of this Bulletin provided detailed information on conditions pertinent to big game. The purpose of this article is to explain some of the factors considered in formulation of the regulations.

Antelope:

Oregon's antelope ranges are still considered understocked; however, surplus bucks are available and it is believed that a conservative harvest of adult bucks can be permitted without hazard to the resource. Fawn survival has been low for the past four years with last September's measurements indicating only 62 fawns per 100 does. The 1954 spring inventory provided a count of 7,061 antelope and a density

approximately equal to the average for the past six years.

The 600 antelope hunters should enjoy good hunting as the current sex ratio is approximately 44 bucks per 100 does.

In order to assure equitable distribution of hunters, tags will be issued by area and will not be transferable. The antelope season extends from August 21 to 26 in Areas I and III and August 28 to September 2 in Area II. Only residents who did not receive antelope tags last year are eligible to apply.

Deer:

The general deer season is scheduled to open on October 2 and extend through October 18 for bucks with forked antlers. On October 19, 20 and 21, hunters unsuccessful during the buck season will have an opportunity to harvest a deer of either sex in a large part of the state.

With regard to the opening date of deer season it should be explained that weather and fire records defend an early October opening date, and although an emergency fire closure is possible, there is no reason to believe that weather conditions will not conform to past normals. The position of forest protective agencies was strengthened by the 1953 legislature which authorized the State Board of Forestry to make differential fire closures and

the Governor to make a blanket closure of hunting seasons when it is apparent that an emergency exists.

With similar regulations last fall 204,808 hunters reported a harvest of 105,601 deer. In the fall of 1952 deer hunters totalled only 188,250 and they harvested 77,659 deer, 52,023 of which were bucks. Bucks provided 67,539 or 64 per cent of the 1953 harvest. The average reported buck kill for the past six years has been 52,970 bucks per year.

Examination of mule deer herds after the 1953 harvest, when approximately 107,500 hunters reported taking 64,000 mule deer, revealed an improved balance in herd composition and a slight increase in numbers in spite of the heavy legal kill. Classification of 12,512 mule deer last November indicated an average of 26 bucks per 100 does and 83 fawns per 100 does. During the months of February and March field agents observed 27,579 mule deer on 2,206 miles of permanent sample routes. The average density of 12.5 deer per mile is the highest on record since 1946.

The most spectacular evidence of this indicated increase was displayed by a track count of the interstate deer herd on its northward migration this spring. This herd moves across a dirt road along the state line in southern Klamath and Lake counties. By making daily

(Continued on page 4)

'54 Game Outlook

(Continued from page 3)

counts of deer tracks crossing the road during the spring migration period, it is possible to obtain a very accurate record of numbers. This spring 17,615 tracks were counted across the state line, compared to 11,601 last year and 10,547 in 1952.

In the case of mule deer, increases can be attributed largely to the extremely mild winters of 1953 and 1954, which have permitted a high survival on the winter ranges. It can be anticipated that herd numbers will decline to normal levels during the first hard winter when food shortages develop.

In light of indicated increases the Commission has authorized a duplication of the 1953 hunter's choice season with confidence that such action will not jeopardize the mule deer.

In western Oregon the hunter's choice area is again restricted primarily to agricultural lands where resident deer cause damage to berries, orchards, and other high-value crops. It is possible that many of the higher ranges in western Oregon could support a similar hunter's choice regulation. However, the need for heavy hunting pressure in agricultural areas and the necessity of protecting the many productive cut-over and burned areas from excessive hunting require restricting the hunter's choice season to the foothills and valleys.

The area open during the hunter's choice season in southwestern Oregon will be slightly reduced from that of last year by elimination of Coos and Curry counties. Only that part of

Jackson and Josephine counties within two miles of the main Rogue River between Trail and Robertson bridge will be open.

Last year 88,851 hunters reported taking 41,000 blacktails in western Oregon and it appears probable that this year's harvest may be equal or greater.

One controlled deer season has been found necessary in the Alfalfa district east of Bend where 750 permits will be issued for the taking of deer of either sex from November 27 through December 31. The purpose of this season is to discourage heavy deer use of agricultural lands during the winter and spring months. Although hunter success last year was slightly higher on mule deer ranges east of the Cascades, the number of deer harvested per section of habitat was greater in western Oregon. The 1954 deer season should follow a similar pattern with Klamath, Lake, Harney, Baker, Grant, and Wallowa counties most productive of mule deer and Lane county continuing to provide the greatest kill of black-tails.

Elk:

The elk season in coastal counties, with the exception of Tillamook and Clatsop, will extend from October 30 through November 14 with a bag limit of one bull elk with three or more points on one antler.

Certain portions of Clatsop county will open on October 30 with a 3 day hunter's choice season. The purpose of this season is to reduce elk numbers in heavily timbered lowland areas

where the animals are a constant source of damage to agriculture. It should be understood that all of the more popular and productive elk ranges in Clatsop county will be closed during this 3 day season and hunting success is not expected to be high. From November 6 through the 14th all of Clatsop county will be open for the hunting of bull elk with three or more points on one antler.

Recognizing that elk in the Cascade mountains normally are not available to hunters until snow drives them down to lower ranges, the Commission authorized an open season from October 30 to November 21 in the Cascades. Only bulls with three points or more on one antler may be taken.

The general season in eastern Oregon remains the same as last year with the bag limit in Morrow, Umatilla, Wallowa, Union, and portions of Grant and Baker counties restricted to bulls. Elk of either sex are legal on the southeastern Oregon ranges.

This spring game agents observed 3,898 Rocky Mountain elk in 924 miles of census routes. This average of 4.2 elk per mile is the highest density on record for eastern Oregon ranges.

Although hunter success has not been high during the past two years, it is apparent that Rocky Mountain elk have been increasing and acute damage problems can be expected if elk are maintained at the current high level. Last year 26,956 hunters harvested 4,145 elk.

It is anticipated that the bull area in northeastern Oregon will continue

(Continued on page 5)

DRAWINGS FOR CONTROLLED BIG GAME SEASONS

Season	No. Tags or Permits	Season Dates	Bag Limit	**Applications Available	*Fee	Applications Close 10 a.m.	Drawing Date	Mailing Date
<i>Antelope</i>								
Area I	200	Aug. 21-26	One Buck	July 26	\$5.00	Aug. 10	Aug. 12	Aug. 13
Area II	200	Aug. 28-Sept. 2	One Buck	July 26	5.00	Aug. 10	Aug. 12	Aug. 13
Area III	200	Aug. 21-26	One Buck	July 26	5.00	Aug. 10	Aug. 12	Aug. 13
<i>Alfalfa Deer</i>	750	Nov. 27-Dec. 31	One deer— Either sex	Sept. 1	None	Oct. 19	Oct. 21	Oct. 22
<i>Elk</i>								
Tenmile Lake	100	Sept. 18-22	One Elk— Either sex	Aug. 5	None	Aug. 31	Sept. 2	Sept. 3
Tillamook Burn	200	Nov. 20-22	One 3 pt. Bull	Sept. 1	None	Oct. 19	Oct. 28	Oct. 29
North Fork John Day	400	Nov. 27-Dec. 1	One Elk— Either sex	Sept. 1	None	Oct. 19	Oct. 28	Oct. 29
Walla Walla	400	Nov. 27-Dec. 1	One Elk— Either sex	Sept. 1	None	Oct. 19	Oct. 28	Oct. 29
Promise	225	Nov. 27-Dec. 1	One Elk— Either sex	Sept. 1	None	Oct. 19	Oct. 28	Oct. 29

**A special application form must be used in applying for any of the controlled season tags. These forms will be available at all game license agencies and the Game Commission office. Applications by letter will not be accepted for the drawings.

*Free permits valid only when accompanied by an unused general deer or elk tag.

'54 Game Outlook

(Continued from page 4)

to provide the best elk hunting and highest hunter success.

In addition to the general season, the Commission has authorized three controlled elk seasons in eastern Oregon. The purpose of these seasons is to reduce elk on specific problem areas to a level compatible with available forage and primary land uses.

The largest of these areas is on the North Fork of the John Day river south and east of Ukiah where 400 permits will be issued for the taking of elk of either sex.

Another controlled season will be held on the Walla Walla river watershed where 400 permits for taking of elk of either sex will be issued. This area includes the Mill Creek watershed which may be opened to hunting this fall.

The third controlled season in eastern Oregon includes a small area in the vicinity of Promise in northern Willowa county where 225 permits will be issued for elk of either sex.

All three seasons will be held concurrently from November 27 through December 1 and hunters will be required to check in and out of the areas.

Two controlled seasons are authorized in western Oregon. The first is to be held in the vicinity of Tenmile Lake in Coos county where a small herd of elk has been causing substantial damage to dairy farms. One hundred permits will be issued for the taking of elk of either sex from September 18 through the 22nd. The second western Oregon season provides for the harvest of bulls with at least three points within portions of the Tillamook Burn in Tillamook and Washington counties. This season is scheduled for November 20, 21 and 22, and is limited to 200 permit holders.

Additional big game regulations prescribed by the Commission include a provision for closure of all controlled hunt areas to hunting of any wild birds or animals other than the species designated for the controlled season. This regulation is designed to eliminate participation by unauthorized persons and maintain a more orderly harvest on specific problem areas.

Archery Seasons:

Archery areas will remain approximately the same as last year with the exception that lower Table Rock in Jackson county will replace the old Cow Creek refuge which has not been a satisfactory archery area. There will



Notes are compared by a group of Robin Hoods at the end of a day's deer hunt in the Tillamook archery area.

be eight archery areas located at Mt. Emily, Hart Mountain, White River, Baker, Table Rock, McDonald Forest, Canyon Creek, and Tillamook. The season will open on September 11 in all areas except McDonald Forest and Tillamook. The Tillamook season will extend from October 2 to 18, concurrently with the western Oregon buck season and the McDonald Forest season will be limited to two weekends of the general buck season.

All archers will be required to obtain an archery permit and report cards attached to permits must be returned. Permits will be issued only at the Portland and regional offices of the Game Commission. Last year 4,229 archers reported taking 326 deer.

Reports of frequent crippling of elk by archers induced the Commission to limit hunting to deer during specific archery seasons.

Small Game:

The annual inventory of pheasants and quail on agricultural lands this spring indicated a general increase in nearly all areas. A total of 6,606 pheasants, 5,214 valley quail, 306 bobwhite quail, and 145 Huns was counted on

27,998 acres inventoried. The average spring density of 24 pheasants, 19 valley quail and 1 bobwhite quail per 100 acres is substantially higher than that of the past five years. However, these species are short-lived and must be managed as an annual crop. Normally 70 to 80 per cent of the birds harvested are produced during that year. The unusually cold, wet weather which prevailed throughout most of the state during the month of June gives cause for concern; however, brood counts obtained during the month of July indicated a production similar to that of last year. Although a bumper crop cannot be expected, it is anticipated that fair hunting will be enjoyed in all pheasant and quail producing counties.

The pheasant seasons are scheduled to open at noon, Saturday, October 23. In western Oregon the season will extend through November 7 with a daily bag limit of 2 cocks. Eastern Oregon counties, other than Klamath and Malheur, will be open through November 14 with a daily bag limit of 4 cocks. Klamath county will not open until noon, October 30 and will close on November 14 with a bag limit of 4

(Continued on page 8)

1954 Hunting Regulations

(Complete Regulations will be in Hunting Synopsis)

INCLUSIVE DATES LISTED

Antelope Season

Bag limit: one adult buck antelope having horns longer than the ears.

Area I:

Open season: August 21 to August 26.
Number of permits: 200.
Open area: Portions of Klamath, Deschutes, Crook, Lake, and Harney counties.

Area II:

Open season: August 28 to September 2.
Number of permits: 200.
Open area: Portions of Lake and Harney counties.

Area III:

Open season: August 21 to August 26.
Number of permits: 200.
Open area: Portions of Harney and Malheur counties.

Buck Deer Season

Open season: October 2 to October 18, inclusive, in all counties for black-tailed and mule deer; and in Douglas county for white-tailed deer.

Bag limit: one deer having not less than a forked antler.

Hunter's Choice Deer Season

Open season: October 19 to October 21, inclusive.

Bag limit: one mule or black-tailed deer of either sex for those hunters possessing unused deer tags.

WESTERN OREGON OPEN AREAS

(West of Summit of Cascades):

Linn and Polk counties:

All established agricultural lands and adjacent areas within one mile provided that the Willamette National Forest shall remain closed.

Clackamas county:

All lands outside the exterior boundaries of national forests except that the following described area will remain closed; beginning at the intersection of the Mt. Hood National Forest boundary and the Crown Zellerbach Corporation 100 road; thence west along the 100 line road to its intersection with posted road in Section 31, Township 5 south, Range 3 East; thence south along the posted road to its junction with the Molalla river; thence southerly along the Molalla river to the south fork of the Molalla river, thence southeast along the south fork of the Molalla river to the national forest boundary; thence north along the forest boundary to the point of beginning.

Marion and Multnomah counties:

All lands outside the exterior boundaries of national forests.

Benton county:

All established agricultural lands and adjacent areas within one mile and the following described Adair Tract area; beginning at the intersection of the Tampico School road (County road No. 65), and the Soap Creek road in Section 24, Township 10 South, Range 5 West; thence northwesterly along the Tampico School road approximately $4\frac{1}{2}$ miles to a posted fence in Section 4, Township 10 South, Range 5 West; thence southwesterly along posted fence approximately $\frac{1}{2}$ mile; thence in a northwesterly direction along posted fence approximately $\frac{1}{2}$ mile to posted road; thence westerly and southerly along posted road to junction with Soap Creek road in Section 26, Township 10 South, Range 5 West; thence northeasterly along Soap Creek road to the point of beginning.

All hunters entering Adair Tract Area required to possess entry permit in addition to deer tag. Entry permits will be issued at Tampico School.

Washington, Yamhill, and Columbia counties:

All of that portion east of the following described line:

Beginning at Mayer on the Columbia river, thence southwesterly along county road to junction with U. S. Highway 30; thence west along U. S. Highway 30 to junction with State Highway 47 in Clatskanie; thence south along State Highway 47 to Vernonia; thence southwesterly along the Vernonia-Timber-Glenwood road to Glenwood; thence southeasterly along Oregon Highway 6 to Forest Grove; thence south along State Highway 47 to its junction with U. S. Highway 99W; thence south along

U. S. Highway 99W through McMinnville to its junction with State Highway 18; thence southwesterly with the Polk county line near Willamina.

Lane county:

All established agricultural lands and adjacent areas within one mile and the following described area: (Umpqua and Willamette Forests closed.)

Beginning at the junction of the Hatchery Creek road with the McKenzie river highway (U. S. 126) in Section 32, Township 16 South, Range 2 East; thence northwesterly along the Hatchery Creek road and posted logging roads to the Mohawk Falls road; thence northerly along the Mohawk Falls road to the Mohawk river in Section 36, Township 15 South, Range 1 East; thence west and south along the Mohawk river to its confluence with the McKenzie river; thence east along the McKenzie river to its intersection with U. S. Highway 126 at Walterville; thence east along U. S. Highway 126 to the Hatchery Creek road, the point of beginning.

Clatsop county:

All established agricultural lands and adjacent areas within one mile of that portion of Clatsop county north of U. S. Highway 26 and east of U. S. Highway 101.

Douglas county:

All established agricultural lands and adjacent areas within one mile except the following areas which shall remain closed:

(1) Umpqua National Forest and (2) that portion north of the following described line: Beginning at Reedsport; thence east along State Highway 38 to Drain; thence northeasterly along U. S. Highway 99 to its intersection with the Douglas-Lane county line at Divide.

Josephine and Jackson counties:

All lands within two miles of the main Rogue river, exclusive of tributaries, between Shady Cove Bridge and Robertson bridge (13 miles west of Grants Pass).

For purpose of this regulation, established agricultural lands shall be construed as currently cultivated lands not less than 10 acres in extent that have been plowed, tilled, and planted to domestic crops. Areas adjacent to isolated home gardens and abandoned farmsteads will not be considered open to hunting under this regulation.

EASTERN OREGON OPEN AREAS

(East of Summit of Cascades):

Open area: Similar to 1953.

Controlled Deer Season

Controlled deer hunting area will be closed to all hunting during dates specified for the controlled season except to permit holders.

Alfalfa (Deschutes county):

Open season: November 27 to December 31.
Number of permits: 750 (no fee).

Each hunter required to have a general deer tag as well as free permit.

Bag limit: one deer of either sex.

Open area: Beginning at the intersection of Arnold Canal and U. S. Highway 97 at a point approximately two miles south of Bend; thence easterly along the Arnold Canal to its intersection with a posted road in Section 29, Township 18 South, Range 13 East; thence easterly along posted roads to junction with U. S. Highway 20 in Section 25, Township 18 South, Range 13 East; thence southeasterly along U. S. Highway 20 to junction with a posted road in Section 10, Township 19 South, Range 14 East; thence northerly along posted road to road junction $1\frac{1}{2}$ miles east of Alfalfa school; thence westerly along paved road to its intersection with U. S. Highway 20 at a point approximately five miles east of Bend; thence westerly along U. S. Highway 20 to Bend; thence south along U. S. Highway 97 to its intersection with the Arnold Canal, the point of beginning.

General Elk Season

Bag limit: one elk only by the holder of a general elk tag. (Sex and age class determined by area and season in which elk is killed).

Clatsop and Columbia counties:

Open season: October 30, 31, and November 1.
Bag limit: one elk of either sex. All elk taken must be tagged with Game Commission metal seal before transporting from the area. Tagging stations at Seaside, Clatskanie, and Elsie.

Open area: That portion of Columbia county bounded on the North by U. S. Highway 30, on the east by State Highway 47, and on the south by State Highway 202 and Clatsop county, except certain specified areas such as Onion Peak, Saddle Mt., Nicolai Mt., etc.

North Coast Area:

Open season: November 6 to November 14, inclusive.

Bag limit: One bull elk with three points or more, including brow tine, on one antler.

Open area: All of Clatsop and Columbia counties and that portion of Tillamook county bounded on the east by State Highway 53 and on the south and west by U. S. Highway 101.

Coastal Area:

Open season: October 30 to November 14.

Bag limit: one bull elk with three points or more, including the brow tine, on one antler.

Open area: The following counties or portions thereof west of U. S. Highway 99 and 99E: Lincoln, Benton, Lane, Coos, Curry, Josephine counties, and that part of Douglas county south of State Highway 38 (Drain-Reedsport).

Cascade Area:

Open season: October 30 to November 21.

Bag limit: one bull elk with three points or more, including the brow tine, on one antler.

Open area: All of Oregon east of U. S. Highway 99 and 99E and west of U. S. Highway 97, except Douglas county.

Northeastern Area:

Open season: October 30 to November 21.

Bag limit: one bull elk with antlers.

Open area: Beginning at Arlington; thence south and east along Oregon Highway 19 to Kimberly; thence east along Kimberly-Long Creek road to Long Creek; thence north along U. S. Highway 395 to its intersection with the road up the middle fork of the John Day river; thence southeast up the middle fork road to its intersection with U. S. Highway 26 one mile south of Bates; thence easterly along U. S. Highway 26 to its intersection with Burnt river in Section 6, Township 13 South, Range 37 East; thence northeasterly along Burnt river to Durkee; thence northwesterly along U. S. Highway 30 to Baker; thence south along Oregon Highway 7 to its junction with the Sumpter Valley road at Salisbury; thence northwesterly along the Sumpter Valley road to Sumter; thence north along the Fruit Creek road to the summit of Blue Mountains; thence northerly along the summit to its posted intersection with the Anthony Lakes road; thence east along the Anthony Lakes road to North Powder; thence northerly along old U. S. Highway 30 to Telocaset; thence easterly along the posted road to Medical Springs; thence easterly along a posted logging road to its junction with the Flagstaff Butte road; thence northerly along the Flagstaff Butte road past Flagstaff Butte to its junction with the Mule Peak trail; thence along the Mule Peak trail to the summit of Mule Peak; thence easterly along the summit of the Eagle mountains to the Blue Creek trail north of Cornucopia; thence southerly along the Blue Creek trail to Pine creek; thence downstream along Pine creek to its junction with the Snake river; thence following the state line north and west to Arlington, the point of beginning.

Southeastern Area:

Open season: October 30 to November 21.

Bag limit: one elk of either sex.

Open area: That portion of Oregon east of U. S. Highway 97 with the exception of the above described northeastern area.

Controlled Elk Seasons

All controlled elk hunting areas will be closed to all hunting during dates specified for the controlled seasons except to permit holders. Hunters required to check in and out of controlled areas.

Tennile Lake (Coos county):

Open season: September 18 to September 22.

Number of permits: 100 (no fee). Each hunter required to have a general elk tag as well as the free permit.

Bag limit: one elk of either sex.

Open area: Beginning at the confluence of Johnson creek with south Tennile lake; thence easterly along Johnson creek to the confluence of Roberts creek; thence northeasterly along Roberts creek to its intersection with the section line between Sections 29 and 30, Township 23 South, Range 11 West; thence north along said section line approximately two miles to its posted intersection with the ridge summit between Alder and Benson creeks; thence westerly along posted ridge summit to its intersection with county road in Section 14, Township 23 South, Range 12 West; thence south and westerly along county road to its

intersection with the Tenmile lake canal; thence south and easterly along east shore of Tenmile lake canal and south Tenmile lake to the confluence of Johnson creek, the point of beginning.

Tillamook Burn (Tillamook and Washington counties):

Open season: November 20, 21, and 22.
Number of permits: 200 (no fee). Each hunter required to have a general elk tag as well as free permit.

Bag limit: one bull elk with three points or more, including the brow tine, on one antler.
Open area: Same as 1953.

North Fork John Day:

Open season: November 27 to December 1.
Number of permits: 400 (no fee). Permits only valid when accompanied by an unused general elk tag.

Bag limit: one elk of either sex.
Open area: Beginning at Ukiah junction on U. S. Highway 395; thence northeasterly along the Camas Creek road to junction of the Tower Mountain road near Frazier Guard Station; thence south along posted forest roads past Tower Mountain, Big Creek Meadow, Forks Guard Station, Trout Meadows, and Cable Meadows to Granite; thence westerly along the Desolation Creek road to Desolation Guard Station; thence south along the Indian Rock road to junction with the Middle Fork road at Susanville; thence westerly along the Middle Fork road to its junction with U. S. Highway 395; thence north along U. S. Highway 395 to Ukiah junction, the point of beginning.

Walla Walla (Umatilla county):

Open season: November 27 to December 1.
Number of permits: 400 (no fee). Each hunter required to have a general elk tag as well as free permit.

Bag limit: one elk of either sex.
Open area: Beginning at Weston; thence southeasterly along Oregon Highway 204 to Tollgate; thence northeasterly along the Skyline road past Bone Springs to its intersection with the Oregon-Washington state line; thence west along the state line to its junction with Oregon Highway 11; thence south along State Highway 11 to Weston, the point of beginning.

Promise (Wallowa county):

Open season: November 27 to December 1.
Number of permits: 225 (no fee). Each hunter required to have a general elk tag as well as free permit.

Bag limit: one elk of either sex.
Open area: Beginning at the confluence of Wildcat creek with the Grande Ronde river; thence southwesterly up the Grande Ronde river to the mouth of Grossman creek; thence south up Grossman creek and the west fork of Grossman creek to its intersection with the west Grossman logging road; thence southeasterly along the west Grossman logging road to its junction with the Bates logging road; thence along the Bates logging road to its junction with the Tub Spring road; thence southeasterly along the Tub Springs road approximately one mile to its intersection with Simmons Draw; thence northeasterly down Simmons Draw to its confluence with Wildcat creek; thence northerly down Wildcat creek to its confluence with the Grande Ronde river, the point of beginning.

ARCHERY SEASONS

Deer

General regulations regarding archery seasons same as 1953.

Canyon Creek Refuge (Grant County):

Open season: September 11 to October 18.
Bag limit: one deer of either sex.
Open area: same as 1953.

Hart Mountain (Lake county):

Open season: September 11 to September 30.
Bag limit: one deer of either sex.
All hunters required to check in and out of area at Hart Mountain Refuge headquarters:

Open area: Beginning at the old Hart Mountain CCC Camp; thence north, east, and south along posted refuge road to the refuge headquarters; thence south and southwesterly along the posted refuge road to its junction with the Jacobs Reservoir road; thence southerly along the Jacobs Reservoir road to the south boundary of the Hart Mountain Refuge; thence west and north along the refuge boundary to the old CCC Camp, the point of beginning.

Mt. Emily (Union and Umatilla counties):

Open season: September 11 to September 30.
Bag limit: one deer of either sex.
Open area: Same as 1953.

Baker (Baker county):

Open season: September 11 to 30, inclusive.
Bag limit: one deer of either sex.
Open area: Same as 1953.

White River Area (Wasco county):

Open season: September 11 to 30, inclusive.
Bag limit: one deer of either sex.
Open area: Same as 1953.

Tillamook (Tillamook county):

Open season: October 2 to October 18.
Bag limit: one deer of either sex. All deer taken must be tagged with metal seal of the Game Commission before transporting from the area. Tagging station at old McNamer camp.
Open area: Same as 1953.

McDonald Forest (Benton county):

Open season: October 9, 10, 16, and 17.
Bag limit: one deer of either sex.
All hunters required to check in and out of area.

Table Rock (Jackson county):

Open season: September 11 to September 30.
Bag limit: one deer of either sex.

Open area: Beginning at the westerly end of Bybee Bridge in Section 13, Township 36 south, Range 2 west; thence north and west along the Sams Valley road to its posted junction with gravelled road in Section 9, Township 36 south, Range 2 west; thence northwesterly along posted gravelled road to its junction with State Highway 234; thence west and southwesterly along State Highway 234 to its junction with the Sams Valley entrance road to the Table Rock Estate; thence southeasterly along the Table Rock Estate road to Gold Ray dam on the Rogue River; thence easterly along the northerly and westerly bank of Rogue River to Bybee Bridge, the point of beginning.

NOTE: This areas is private land and permission of landowners must be obtained before hunting.

UPLAND GAME BIRDS

PHEASANTS:

Area I: All counties west of the summit of the Cascade mountains.

Open season: noon, October 23 through November 7.
Bag limit: two cocks per day.

Area II: All counties east of the summit of the Cascade mountains except Klamath and Malheur counties.

Open season: noon, October 23 through November 14.
Bag limit: four cocks per day.

Area III: Klamath county.
Open season: noon, October 30 through November 14.
Bag limit: four cocks per day.

Area IV: Malheur county.
Open season: noon, October 23 through November 14, in all of Malheur county.
Bag limit: four cocks per day.

Extended open season: November 15 through 21 in that portion of Malheur county north of the boundary line between Townships 26 and 27 south (which excludes the Jordan valley area and all other pheasant areas south and west of Sheaville.)
Bag limit: four pheasants per day, one of which may be a hen. Not more than three hens in possession at any one time.

State-wide Possession Limit:

It shall be unlawful for any person to have more than 12 pheasants in possession at any one time.

Juvenile Pheasant Season:

Area: designated portions of E. E. Wilson Game Management Area.

Open season: September 25, 26; October 9, 10, 16, 17, 23, 24, 30, 31; November 6 and 7.
Bag limit: two cocks per day.

Restrictions: For juvenile hunters from 14 to 17 years only. All juveniles to be accompanied by licensed adults over 25 years of age. One adult may accompany not to exceed two juveniles. Adults will not bear arms and will be responsible for the conduct of their charges. A maximum of 35 juvenile permits will be issued for each designated day in the order in which applications are received at the E. E. Wilson Game Management Area or the Portland office of the Game Commission.

All juvenile hunters and accompanying adults shall be required to check in and out of the area.

QUAIL AND PARTRIDGE:

Western Oregon (All counties west of the summit of the Cascade mountains.)

Valley and Bobwhite Quail:

Open season: noon, October 23 through November 7.

Bag limit: five valley or bobwhite quail in the aggregate per day and not over ten in possession.

Mountain Quail:

Open season: September 1 through 10.
Bag limit: five mountain quail per day and not over ten in possession.

Hungarian Partridge:

No open season.



QUAIL AND PARTRIDGE:

Eastern Oregon (All counties east of the summit of the Cascade mountains.)

Open season: valley quail, bobwhite quail, mountain quail, Hungarian partridge open concurrent with pheasant seasons in Areas II, III, and IV.

Bag limit: ten valley, bobwhite, or mountain quail or Hungarian partridge in the aggregate per day and not over 20 in possession.

CHUKAR PARTRIDGE:

No open season.

SAGE GROUSE:

No open season.

BLUE AND RUFFED GROUSE:

Open season: September 1 through September 10 in entire state.

Bag limit: three grouse per day and not over six in possession.

SILVER GRAY SQUIRREL:

Open season: October 2 through October 18 in Benton, Linn, Lane, Douglas, Josephine, Jackson, Coos, and Curry counties.

Open season: Entire year in Columbia, Washington, Multnomah, Clackamas, Marion, Yamhill, and Polk counties.

Bag limit: five squirrels in possession.

MOURNING DOVE:

Open season: September 1 to October 10.
Bag limit: 10 a day and in possession.

BAND-TAILED PIGEON:

Open season: September 1 to September 30.
Bag limit: 6 a day and in possession, and not to exceed 24 the season.

GAME REFUGES OPEN TO HUNTING

Same as last year.

AREAS CLOSED TO HUNTING

Madras closure repealed.
New closure made as follows:

Columbia River Closure:

Beginning at the intersection of the west line of Section 2, Township 4 North, Range 25 East, with the center channel Columbia river (state line) at Messner; thence south along said section line approximately one-half mile to its intersection with U. S. Highway 730; thence easterly along U. S. Highway 730 through Irrigon and Umatilla to its intersection with the state line; thence westerly along the center channel of the Columbia river (state line) to Messner, the point of beginning.

FUR-BEARING ANIMALS

Open season, November 15, 1954 through January 15, 1955, for mink and otter.

Open season, November 15, 1954 through February 15, 1955, for muskrat, with the following exceptions:

Lake, Klamath, and Harney counties, open season: November 15, 1954 through March 15, 1955. That portion of the Snake river in Malheur county and the Owyhee river below U. S. Highway 20, open season: November 1, 1954 through February 15, 1955.

Open season: November 15, 1954 through February 15, 1955, for marten.

Closed season for fisher and ringtail cat.
Open season entire year for raccoon.
Open season: November 15, 1954 through February 15, 1955, for beaver in specified areas.

PUBLIC SHOOTING GROUNDS

Regulations governing public shooting grounds are essentially the same as last year.

TAGGING REGULATIONS

Same as last year.

ARMS AND AMMUNITION

All regulations are the same as last year.

'54 Game Outlook

(Continued from page 5)

cocks per day. The season in Malheur county will be from noon, October 23 through November 14 with a daily bag limit of 4 cocks; and one hen allowed per day in a bag of four during an extended season from November 15 through 21st in northern Malheur county.

The open season for quail will be concurrent with pheasant seasons with a daily bag limit of 5 birds in western Oregon counties and 10 birds in eastern Oregon counties. The possession limit will be 12 pheasants and 20 quail.

Last year 90,441 upland game hunters bagged 274,940 pheasants and 147,651 quail.

The Commission has again authorized a juvenile hunting season on the E. E. Wilson Game Management area. Regulations for this hunt will remain the same as last year and the area will be open on designated weekends between September 25 and November 7.

The open season for blue and ruffed grouse will extend from September 1 through September 10 and mountain quail may be hunted on the same dates in western Oregon. Blue and ruffed grouse are not as abundant as in 1951 and 1952. However, they are present in sufficient abundance to provide fair hunting and meet the limited demand for them.

In recognition of a continuing decline in sage grouse numbers, the Commission has closed the season on that species. Sage grouse still maintain fair densities in a few isolated areas but numbers are low on most of their range.

The season will remain closed on chukar partridge this year. The extensive stocking program will be continued and it may be possible to open the season on this species in the near future.

The Commission made few changes in the status of refuges and closed areas. An added closure is a small area along the south bank of the Columbia River in Umatilla county.

Migratory Birds:

Regulation of the harvest of migratory birds is the province of the U. S. Fish and Wildlife Service and the state has authority only to regulate within limits established by that agency. The Fish and Wildlife Service will an-



nounce 1954 regulations in mid-August after a survey of breeding grounds has been completed to determine the size of this year's crop.

Weather conditions this spring have not been conducive to high waterfowl production. However, it is anticipated that a fair crop will be available. The annual waterfowl inventory conducted last January indicated an increase of approximately 12 per cent in the number of birds wintering in Oregon. This increase is partially due to the changes in distribution induced by the very mild winter.

Last fall, 73,661 hunters reported a harvest of 637,535 ducks and 94,286 geese which was 23 per cent less birds than were taken in 1952.

In connection with the hunting of waterfowl, it will be well to advise that the Commission has strengthened regulation of hunter conduct on public shooting grounds and will endeavor through education and persuasion to maintain some semblance of order on the public hunting areas.

Measurement of band-tailed pigeon and dove populations reveal that the downward trend in pigeon numbers has been arrested and that doves have been consistently underharvested.

The recently announced federal regulations provide a 30 day pigeon season and a 40 day dove season both beginning September 1. The daily bag and possession limit is 6 pigeons and 10 doves. The Commission has further regulated a season limit of 24 pigeons.

Pigeon shooting will be best along the bays in coastal counties and excel-

lent dove shooting can be found in the high desert counties of southeastern Oregon. Each of these species have favored concentration areas which may be determined by local inquiry.

Trapping Regulations:

Oregon's 1,730 licensed trappers reported harvest of 162 otter, 3,038 mink, 63,052 muskrat, 109 marten, and 11,103 beaver in 1953 in spite of low market values. Furbearers are plentiful in most of the state and there is little probability that the present light demand will induce overtrapping of any area.

The 1954 regulations lengthen the muskrat season in Harney, Lake, and Klamath counties to March 15th and delete the November 1 opening date for beaver in that area. Additional areas were opened for beaver trapping in many counties to utilize surplus animals.

Summary:

The 1954 regulations provide for an orderly harvest of the anticipated wildlife crops this fall. These needs are designed to adequately protect the wildlife resources and assure an equitable distribution of the economic and recreational values to the people of the state.

In the course of the public hearings much emphasis was placed upon the need for education of hunters. Particular reference was made to the many hunting accidents and the substantial losses of private property resulting from careless or malicious conduct of hunters.

The Game Commission is deeply concerned for these many problems and has an aggressive educational program which is deserving of the cooperation and support of every Oregon hunter.

The hunter who insists upon taking more than his share of these public resources and violating the confidence of his fellow citizens is cheating everyone including himself and he will be an equal loser when the privileges we now enjoy are lost.

This year Oregon hunters can look forward to liberal hunting seasons and, other things being equal, the 1954 harvest of game animals and birds should exceed that of 1953 because breeding populations are at a high level this year.

Oregon State Game Commission Bulletin

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