

Oregon State GAME COMMISSION BULLETIN

Vol. V

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No. 2

"PRONGHORN ANTELOPE" RECEIVES BOOK AWARD

The National Association for Conservation Education and Publicity recently announced presentation of its 1949 award for "outstanding service to conservation through a technical book" to Arthur S. Einarsen for his book, "The Pronghorn Antelope." Awards of the Association, which is composed of conservation education and public relations personnel of state conservation, fish and game departments, are usually made at the annual meeting held in September but the judges had not reached their decision at that time in regard to the book award.

Mr. Einarsen's book was nominated for consideration by the information and education department of the Oregon State Game Commission.

"The Pronghorn Antelope" is based largely upon studies carried on in Oregon for a number of years. Mr. Einarsen has been director of the Oregon Cooperative Wildlife Research Unit at Corvallis since its beginning in 1935, and one of the first research projects assigned to him by the Oregon State Game Commission was the antelope problem.

1950 Angling Regulations

By ROBERT C. HOLLOWAY, Chief Biologist

The angling regulations for 1950 were adopted by the Oregon State Game Commission on January 28. Tentative rules were formulated two weeks earlier and the interval in between provided an opportunity for the sportsmen to present objections to them and to submit additional recommendations. A complete outline of the angling laws and a map showing zone boundaries can be found elsewhere in this issue. Several important changes have been made in the regulations as they applied in 1949. These changes will be discussed in some detail below.

Trout

The trout season will open on May 1 in all parts of the state, except that in Zone 1 (Coastal waters) and in the northern part of Zone 2 the season will begin on April 15. A closing date of October 15 will apply in all areas except Zone 4, the Rogue River drainage, where the general trout season will end on September 30.

The season on coastal waters will be much longer this year than it has been for

several years. An additional two months of trout angling will be possible in tide-water of the coastal streams because the late opening date of June 15 in that area has been eliminated. Also the season will be longer in the fall providing an opportunity for the angler to fish the fall cutthroat runs while the general trout bag limit of 10 per day and 20 per week applies.

8" Minimum Length Limit

A minimum length limit of 8 inches will again apply to all coastal waters including the lower portions of the Rogue and Umpqua rivers. This regulation when placed in effect in 1947 met with a storm of protest from all sides. Anglers accustomed to keeping anything over 6 inches long did not take to this type of restriction. There are many anglers who still protest such a size limit for one reason or another, but an acceptance of this minimum size limit and in some instances an actual enthusiasm for it has become apparent among many individuals and sportsmen's groups.

The Game Commission has attempted on many different occasions to explain the necessity for and reasons behind the 8-inch minimum length limit. Repetition may not be out of place at this point to bring again to the attention of the anglers the reasoning back of this law. The young cutthroat, steelhead, and salmon remain in fresh water for varying periods of time before migrating to the ocean. Some may never migrate at all. Many of these young fish reach a size in excess of 6 inches before going to the ocean, some attain a size of more than 8 inches. Should these fish be cropped before they have an opportunity to move on to the rich feeding grounds in the ocean where

See Page 5 for summary of angling seasons and limits.



Anglers spending a sunny and profitable day on the Upper Deschutes river.

(Continued on Page 4)

☆ THIS AND THAT ☆

A tract of approximately 4,840 acres in eastern Oregon has been leased by the Oregon State Game Commission for winter big game range, valuable especially for deer. The land, owned by the Pilot Rock Lumber Company, is located in Umatilla, Morrow and Grant counties.

* * *

The second annual interstate antelope meeting of representatives of the Oregon, Idaho, California and Nevada game departments was held January 24 in Lakeview. The Fish and Wildlife Service also was represented. As the antelope herds move from one state to another, it is important to coordinate the information from all four states for proper management of the species.

* * *

The fastest tagged salmon recovered to date is the salmon caught this summer 20 miles up the Columbia river by an Astoria fisherman, William M. Pice. The fish had been tagged on July 21 by the California bureau of marine fisheries near San Francisco and was caught 22 days later in the Columbia river. The fish had travelled a distance of 660 miles or an average of 30 miles a day.

* * *

The 1950 *Angler's Guide*, official compilation of the angling regulations, is now being printed and will be sent to license agents for general distribution within the next few weeks.

* * *

Take of rainbow eggs from brood fish being held at the Game Commission hatcheries, Oak Springs, Rock Creek and Roaring River, has approached the 10,000,000 mark.

* * *

Nearly all district game agents had completed their sex ratio census and fawn ratio work by the first of January.

* * *

Two sportsmen's groups, the Milwaukie Sportsmen's Club and the Newberg Rod and Gun Club have taken advantage of the Commission's offer to furnish multiflora rose bushes to be planted on areas sponsored by the clubs. A demonstration planting will be held on the Newberg Club grounds.

* * *

A postseason census of upland game birds in alternate counties indicates a normal carryover of both pheasants and quail. An encouraging note is that the valley quail planted in Malheur county last winter have made substantial increases during the past season.

* * *

An investigation of the life history, economics and related subjects concerning the striped bass has been started at Coos Bay as a cooperative project by the Fish and Game Commissions in accordance with legislative instructions.

ELK REPORTS OVERDUE

With the closure of the Baker county elk season on December 31, elk hunting returns were received at a better rate by the Game Commission office. Hunters are again reminded that the deadline has passed for turning in their reports and anyone now refusing to report may be denied an elk tag for the 1950 season within discretion of the Commission. Of the 13,183 hunters reporting by the end of the first week in January, 6,848 made kills, 5,930 no kills, and 405 did not hunt. The deer kill reported to date is 43,000.

February-March Calendar

Species	Open Season
Salmon and Steelhead over 20", until February 28, coastal area.	
Salmon and Steelhead over 20", both months inland waters.	
Spiny-rayed Fish, both months.	
Predatory Animals, both months.	
Mink, Muskrat, Otter, Raccoon, until February 15.	

NOTE: For exceptions consult hunting and angling synopses.

Oregon State Game Commission Bulletin

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Permission to reprint is granted provided proper credit is given.

January Meeting of The Game Commission

In addition to the hearing held on the 1950 angling regulations, regular business considered by the Game Commission at its meeting on January 13 included the following items:

Negotiations for a lease of several hundred acres of land from the Chewaucan Land and Cattle Company in Lake county for planting of grain for migratory waterfowl were authorized.

The staff was instructed to proceed with preparations for revision and clarification of the game code for submission to the next session of the legislature.

Commissioner Hill was re-elected chairman for the ensuing calendar year.

T. R. Conn was recommended as wildlife representative for the Lake County Grazing District Advisory Board, in accordance with request of the Lake County Sportsmen's Association and Lake County Izaak Walton League.

A letter was read from Hansell Farms, Athena, submitting a claim for game damages but the Commission, having no authority to consider payment of such claims, took no action.

The request of the Umatilla County Fair for an exhibit was referred to the staff for consideration.

Land and Water Policies to Be Discussed at Conference

Land and water problems, including river development, watershed management, range management, and grazing controls, will be thoroughly discussed at a session of the forthcoming 15th North American Wildlife Conference in San Francisco, the Wildlife Management Institute reports.

Meeting on Tuesday afternoon, March 7, in the Fairmont Hotel, this general session will be under the chairmanship of Dr. Wilson M. Compton, president of Washington State College. Six of America's foremost experts on the subjects covered will present their views at this session and, as at former sessions of this kind, both sides of major issues will be aired. Those attending will be given ample opportunity to address questions to the speakers at scheduled discussion periods. Because this is the first such Conference ever held west of Denver, western problems, in particular, have been stressed in this session and in others which will be held on March 6 and 8. The majority of the speakers on the Tuesday general session will be residents of the western half of the United States.

This meeting is expected to be one of the most important of the nine general and technical sessions scheduled for the 15th North American Wildlife Conference, and the final program, to be announced later, will contain some of the most famous names in public life today.

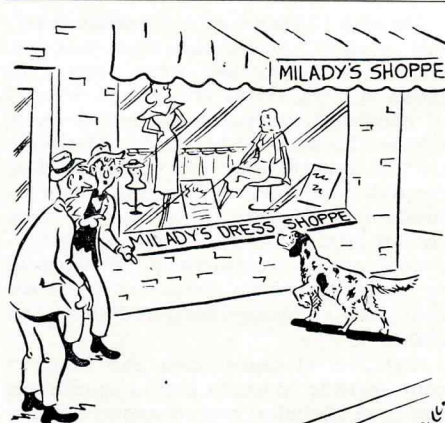
1949 Pheasant Liberations

The Oregon Game Commission's four pheasant farms produced 61,557 pheasants during the summer of 1949 and shipped a total of 60,632 birds to stock upland game habitat throughout the state. In addition, 4-H Club members raised 719 pheasants which were purchased and released by the Game Commission.

During the past ten years, the Commission has been studying the survival of and return from released pheasants in order to determine the most practical and effective stocking methods. This information indicates that the return to hunters is generally in proportion to the time interval between releases and hunting season. The two most effective practices appear to be liberation of mature hens in March immediately prior to the nesting season and liberation of cocks immediately before the hunting season; however, such operations require a large investment in covered pens and substantially higher production costs per bird. During the 1949 season, 9,553 pheasants were released in the spring and 1,552 cocks were released immediately prior to hunting season. A total of 50,246 pheasants were released at an age of 8 weeks during the summer months and of these 15,700 were field reared on game management areas, or private lands, and allowed to disperse as they matured to stock adjacent habitat.

In addition to the 60,962 pheasants liberated this year, 2,434 valley quail were trapped and transplanted early in the year. Observations indicated that these transplanted birds have successfully reproduced and there are now breeding populations of quail in areas that were not previously occupied by that species.

The endurance of the American bison was remarkable. He could tire out three sets of horses, often running 40 miles at a time.



"My wife trained him."

District and County	Total Liberated	
Willamette District		
Clatsop	3	
Columbia	3,316	
Washington	2,542	
Multnomah	87	
Clackamas	1,674	
Marion	2,935	
Yamhill	2,809	
Polk	2,279	
Benton	1,376	
Linn	1,932	
Lane	2,439	21,374
Research Unit		119
Southwest District		
Douglas	3,194	
Coos	38	
Josephine	1,178	
Jackson	2,491	6,901
WESTERN OREGON TOTAL		28,394
Southeast District		
Klamath	2,812	
Lake	2,200	
Harney	1,803	
Malheur	120	6,935
Central District		
Deschutes	973	
Crook	2,142	
Jefferson	2,693	
Wheeler	1,040	
Hood River	639	
Wasco	2,315	
Sherman	1,072	
Gilliam	1,113	11,987
Northeast District		
Morrow	1,567	
Umatilla	2,364	
Grant	1,798	
Union	2,906	
Wallowa	2,413	
Baker	2,598	13,646
EASTERN OREGON TOTAL		32,568
STATE TOTAL 1949 LIBERATIONS		60,962

1949 PHEASANT PRODUCTION

Farm	Spring Release	Summer Release	Fall Release	Pheasants On Hand	Total Liberation	Total Production
Field Projects						
Corvallis Farm	3,036	11,620	1,403	2,174	16,059	15,197
Eugene Farm	1,500	0	101	0	11,801	10,301
Roseburg		2,200				
Coburg		1,600				
Ballston		900				
Hopewell		700				
Orencia		1,500				
Sauvies		3,300				
		10,200				
Hermiston Farm	2,012	9,376	48	2,378	15,236	15,602
Enterprise		2,400				
Madras		1,400				
		13,176				
Ontario Farm	3,005	12,831	0	5,926	17,536	20,457
Summer Lake		1,700				
		14,521				
4-H Clubs		719			719	719
TOTALS	9,553	50,246	1,552	10,478	61,351	62,276

(Continued from Page 1)

they will obtain adult size and return as a much more valuable fish? More and more people are commencing to believe that the answer is "no". Others will say that the young fish die anyway if caught and released, and this opens up an entire new field of argument. It can only be said in reply to this that there is no evidence of a systematic or non-systematic nature supporting the contention that the loss of hooked sub-legal fish is excessive. Admittedly, losses do occur but fish are hardy creatures and if handled carefully when released, the majority will survive. Briefly then, the principle of protecting the immature migrant fish in coastal waters so that they may attain adulthood is the reason for the 8 inch minimum limit. There are indications that the policy is meeting with success in fact as well as in favor.

Seasons for steelhead and salmon, 20 inches or over in length, remain much the same as they were last year. In eastern Oregon they may be angled for at any time of the year but are only to be found in comparatively few streams and in relatively few numbers.

In the Willamette Valley the principal activity in this regard involves the annual spring chinook fishery on the Willamette from its confluence with the Columbia to the Oregon City falls. A new deadline at the falls is designed to prevent snagging at the entrance to the arches below the grinder room of the Crown-Willamette mill.

On the coast, with one exception, all waters will be closed to steelhead and salmon angling from March 1 through April 14. The main Columbia will remain open the year around.

March and April are the peak months for steelhead spawning. Many individuals from runs coming in as early as December and January may delay spawning until this later period. Thus the closure is effective in protecting segments of the earlier runs as well as those migrating to the headwaters at this later period.

Last year deadlines were established on coastal streams above which no fishing was allowed after the close of the general trout season. Deadline locations have been changed in several instances but they will be in effect this year prior to April 15 and after October 15. Their purpose is to protect fish on the spawning grounds during the critical winter and spring months.

A complete list of waters in Zone 1 that are open to angling during the winter can be found on page 5 of this issue and the list will be included in the synopsis of angling laws.

STATE OF OREGON GAME COMMISSION 1950 SALMON & STEELHEAD PUNCH TAG Permit No. _____ License No. _____ STATE OF OREGON GAME COMMISSION 1950 SALMON & STEELHEAD PUNCH TAG Permit No. _____ License No. _____ Signature _____																																																																																					
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Some changes have been made in the Salmon-Steelhead Tag shown. In its final form, card will have removable tags in the right hand column. Each time a fish is caught, one of these tags must be attached to the fish by means of wire furnished.

Many people fail to realize or they overlook the fact that an annual aggregate bag limit of 20 steelhead and salmon, 20 inches or over in length, is in effect. This regulation is particularly difficult to enforce for obvious reasons. To facilitate enforcement on the one hand and to obtain data on the size and location of steelhead and salmon catches, the Game Commission has seen fit to adopt an Annual Steelhead and Salmon Punch Tag to be issued free to all anglers.

An angler must have one of these tag cards in possession, in addition to the general angling license, when angling for steelhead and salmon and immediately after catching either fish a punch tag is removed from the card, attached to the fish, and information as to date and stream or lake taken is entered on the card in the place provided. These tags will not be available for distribution until late in February and will become effective on March 1.

Following action of the last legislature which fixed a bag limit of 5 striped bass for certain waters in and tributary to Coos Bay, the Game Commission established a statewide bag limit of the same number. This is a reduction of 10 per day from the bag allowed last year.

A regulation that has provoked considerable controversy is that fixing minimum and maximum length limits on sport-caught sturgeon. Both of these limits are designed to accomplish the same end, a greater survival of young fish to spawning age. The minimum length limit of 30 inches will prohibit the taking of fish that are of little value to the angler but of considerable value as potential spawners. The maximum length limit of 72 inches is equally as important if not more important than the minimum length limit. This provides for an escapement of the large fish, fish that have not spawned as yet and whose numbers are too few to remove any from the river.

No major changes in regulations applying to catfish, perch, bass, and other species of spiny-ray fish were made. The trend in most states is towards removal of most restrictions on fishing for these species because it has been illustrated that in general they are not in need of regulatory protection. Their ability to reproduce themselves is far greater than that of salmon and trout, in fact this surprising ability has in many instances led to situations where these fish have actually "eaten themselves out of house and home."

The special season and bag limit on spiny-rays in Klamath and Lake counties has been abolished and spiny-ray angling in that area now falls under the general regulation.

(Continued on Page 9)

SUMMARY OF ANGLING REGULATIONS

SUMMER REGULATIONS FOR TROUT, STEELHEAD, SALMON AND JACK SALMON

(Including Whitefish and Montana Grayling)

Open Area: Entire state except as hereinafter provided.

Open Season: April 15 to October 15 in Zone 1; April 15 to October 15 in Zone 2 except that open season is May 1 to October 15 for the North Santiam river and its tributaries, for Linn County, and for that part of Lane County in Zone 2.

May 1 to September 30 in Zone 4.

May 1 to October 15 in Zones 3, 5, 6, 7, 8 and 9.

Bag Limits for Trout, Jack Salmon, and both Steelhead and Salmon under 20 inches: 10 fish but not to exceed 15 pounds and 1 fish in any one day, and 20 fish but not to exceed 30 pounds and 2 fish in any 7 consecutive days and in possession at any one time.

Bag Limits for Whitefish and Dolly Varden: No bag limit except in Odell Lake the bag limit for Dolly Varden is to be counted as part of the trout bag limit.

Bag Limits for Steelhead and Salmon 20 inches or more in length: 2 fish in the aggregate in any one day but not more than 4 such fish in any 7 consecutive days and in possession at any one time; nor more than 20 in the aggregate in any one calendar year. (See regulation regarding punch card for steelhead and salmon.)

Minimum Length Limits for Trout, Jack Salmon and both Steelhead and Salmon under 20 inches:

6 Inches: All waters except as otherwise hereafter listed.

8 Inches: All waters in Zone 1, including the Columbia River up to north city limits of St. Helens. Main Umpqua River below the forks and the stream systems tributary to its tide-water portion. Rogue River and its tributaries in Curry County below and including Mule Creek on Rogue River and below and excluding Indigo Creek on the Illinois River.

9 Inches: East Lake, Paulina Lake, Sparks Lake, Davis Lake, Crane Prairie Reservoir and Wikipup Reservoir.

10 Inches: Owyhee Reservoir and that part of Owyhee River below the dam (Malheur County).

No Length Limit: For eastern brook in all lakes above 5,000 feet elevation in the Wallowa Mountains, except Duck, Twin and Fish. For Dolly Varden and whitefish in McKenzie River and its tributaries.

WINTER REGULATIONS FOR TROUT (Zone 2)

Open Season: October 16 to February 28, inclusive, for trout 10 inches or over in length, in that part of the Clackamas River below River Mill Dam (Zone 2). Bag limit 2 such trout in any one day and not more than 4 in any 7 consecutive days or in possession at any one time.

WINTER REGULATIONS FOR STEELHEAD AND SALMON IN COASTAL WATERS OF ZONES 1 AND 3

Bag Limit: 2 salmon and steelhead, 20 inches or over in length, in the aggregate in any one day but not more than 4 such fish in any 7 consecutive days or in possession at any one time. Not more than 20 in the aggregate of salmon and steelhead 20 inches or over in length may be taken in any one calendar year. (See regulation regarding salmon and steelhead punch card.)

Open Season and Open Areas: October 16 to April 14, inclusive, in that part of the Columbia River, exclusive of its tributaries, below St. Helens. October 16 to February 28, inclusive, in the following waters, exclusive of their tributaries unless specifically named and exclusive of those sections closed to all angling or having special seasons as listed by Zones.

Tidewater of Zone 1.

Clatskanie River up to the forks below the falls.

Beaver Creek up to a point 200 feet below falls (Columbia County).

Big Creek up to Camp Three (Clatsop County).

Bear Creek (Clatsop County).

Gnat Creek (Clatsop County).

Klaskanine River.

North Fork Klaskanine River up to a point 200 feet below Fish Commission Hatchery.

South Fork Klaskanine River up to first railroad bridge site.

Youngs River up to a point 200 feet below falls.

Lewis and Clark River up to confluence of the South Fork.

Necanicum River up to second highway bridge.

Elk Creek (Clatsop) up to forks.

COUNTIES BY ZONES

Baker	Zone 9
Benton	Zones 1 and 2
Clackamas	Zone 2
Clatsop	Zone 1
Columbia	Zones 1 and 2
Coos	Zone 1
Crook	Zone 5
Curry	Zones 1 and 4
Deschutes	Zones 5 and 6
Douglas	Zones 1 and 3
Gilliam	Zone 7
Grant	Zones 7 and 8
Harney	Zone 8
Hood River	Zone 2
Jackson	Zone 4
Jefferson	Zone 5
Josephine	Zone 4
Klamath	Zones 5 and 6
Lake	Zone 6
Lane	Zones 1 and 2
Lincoln	Zone 1
Linn	Zone 2
Malheur	Zone 8
Marion	Zone 2
Morrow	Zone 7
Multnomah	Zone 2
Polk	Zones 1 and 2
Sherman	Zones 5 and 7
Tillamook	Zone 1
Umatilla	Zone 7
Union	Zone 9
Wallowa	Zone 9
Wasco	Zone 5
Washington	Zones 1 and 2
Wheeler	Zone 7
Yamhill	Zones 1 and 2

Nehalem River up to confluence of Rock Creek.

North Fork Nehalem River up to confluence of Sweethome Creek.

Salmonberry River up to confluence of North Fork.

North Fork Salmonberry River.

Rock Creek up to former Keasey dam site.

Miami River up to marker established by the Game Commission near the point where the Foley Creek road leaves the river.

Kilchis River up to end of road by entrance to picnic grounds.

Wilson River up to Lee's Bridge.

Trask River.

North Fork Trask River up to Bark Shanty Creek.

Tillamook River up to confluence of Munson Creek.

Sand Creek up to head of tidewater.

Three Rivers up to a point 200 feet below hatchery racks (Tillamook County).

Beaver Creek up to confluence of West Beaver Creek (Tillamook County).

Nestucca River up to confluence of Moon Creek.

Little Nestucca River up to confluence of South Fork.

Neskowin Creek up to confluence of Prospect Creek.

Salmon River up to confluence of Slick Rock Creek.

Devils Lake.

Schooner Creek up to confluence of Erickson Creek.

Drift Creek (Siletz Bay) up to marker established at the Big Bend above gorge.

Siletz River up to point one-fourth mile below falls.

Pogarty Creek (Lincoln County).

Rocky Creek (Lincoln County).

Yaquina River up to confluence of Little Elk Creek.

Big Elk Creek up to confluence of Beaver Creek.

Beaver Creek up to confluence of South Fork.

Drift Creek (tributary to Alsea Bay).

Alsea River.

North Fork Alsea River up to concrete bridge crossing said river on Alsea-Deadwood road.

Five Rivers up to confluence of Cascade Creek.

Fall Creek up to a point 200 feet below the big falls.

Yachats River up to confluence of the forks.

Cummins Creek (Lane County).

Tenmile Creek (Lane County).

Big Creek (Lane County).

Cape Creek (Lane County).

Sutton Lake (Lane County).

Mercer Lake (Lane County).

North Fork Siuslaw River up to Meadows Bridge above McLeod Creek.

Siuslaw River up to confluence of Wildcat Creek.

Lake Creek up to confluence of Deadwood Creek.

Siltcoos Lake.

Maple Creek up to railroad trestle approximately one mile northeast of Siltcoos Station.

Fiddle Creek up to the county road bridge on the Five Mile Road.

Siltcoos River.

Tahkenitch Lake.

Tahkenitch Creek.

North Fork Smith River.

Smith River up to a point 400 feet below the falls.

Umpqua River, see page 7.

Ten Mile Lakes.

Ten Mile Creek.

Coos River.

Millicoma River.

West Fork Millicoma River up to a point 200 feet below Stull's Falls.

East Fork Millicoma River up to confluence of Glenn's Creek.

South Coos River up to a point 400 feet below the dam near Irwin Lyons Truck Shop.

Coquille River.

North Fork Coquille River up to confluence of Hudson Creek.

East Fork Coquille River up to confluence of Brummit Creek.

Middle Fork Coquille River up to confluence of Twelvemile Creek.

South Fork Coquille River up to confluence of Coal Creek.

Fourmile Creek.

New Lake.

New River.

Floras Lake.

Floras Creek up to first county bridge east of Highway 101.

Sixes River up to mouth of Dry Creek (Curry County).

Elk River up to McClellan's Swinging Bridge (Curry County).

Brush Creek.

Euchre Creek.

Rogue River, see page 8.

Hunters Creek up to confluence of South Fork.

Pistol River up to mouth of Deep Creek.

Chetco River.

Winchuck River.

WINTER REGULATIONS FOR STEELHEAD AND SALMON IN INLAND WATERS (Zones 2, 5, 6, 7, 8 and 9)

Open Seasons and Open Areas: October 16 to April 14, inclusive, in Zone 2 for salmon and steelhead 20 inches or over in length; provided that the minimum length limit is 15 inches from March 1 to April 14, inclusive, in that part of the Willamette River and slough from its mouth to Oregon City Falls. October 16 to April 30, inclusive, for salmon and steelhead 20 inches or over in length in Zones 5, 6, 7, 8 and 9.

Exceptions: Waters closed to all angling or having special seasons are listed hereinafter by Zones.

Bag Limit: 2 steelhead and salmon in the aggregate in any one day but not more than 4 such fish in the aggregate in any 7 consecutive days or in possession at any one time. Not more than 20 in the aggregate of salmon and steelhead 20 inches or over in length may be taken in any one calendar year. (See regulation regarding steelhead and salmon punch card.)

STRIPED BASS, SHAD, STURGEON, BULLFROGS AND SPINY-RAYED FISH

Striped Bass: Open season entire year. Bag limit 5 per day.

Shad: Open season entire year. No bag limit.

Sturgeon: Open season entire year except that season is closed in the Umpqua River and tri-

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butaries. Minimum length limit is 30 inches and maximum length limit is 72 inches. Bag limit: Not more than 3 sturgeon 30 to 47 inches in length and not more than 2 sturgeon 48 to 72 inches in length.

Bullfrogs: Open season entire year. Bag limit: 12 in possession at any one time. Bullfrogs must be not less than 4 inches in body length and can be caught only by hook and line.

Spiny-Rayed Fish: Open season entire year for sunfish, perch, crappies, catfish and black bass. Bag limits: No limit on perch. For other species of spiny-rayed fish, 30 fish or 20 pounds and 1 fish but not to exceed 30 fish of all species combined in possession at any one time.

EXCEPTIONS TO SPINY-RAY REGULATIONS

Oswego Lake: Open season April 15 to October 15, inclusive. Bag limit: 30 spiny-rayed fish or 20 pounds and 1 fish but not to exceed 30 fish of all species combined in possession at any one time of which not more than 6 may be black bass.

Lake of the Woods (Klamath County): Open season, entire year and no bag limit for spiny-rayed fish.

Fern Ridge Reservoir (Lane County): March 7 to September 15, inclusive.

Owyhee Reservoir (Malheur County): No bag limit for crappies.

Owyhee River from old Owyhee Ditch diversion dam up to a point one mile below the Owyhee Dam, open season, May 1 to October 15, inclusive.

Woahink Lake: Open season April 15 to October 15, inclusive.

Long Tom River from Fern Ridge Dam to second bridge about ½ mile below. Open season, April 15 to October 15, inclusive.

Ten Mile Lake: No bag limit for catfish. Night angling: Catfish may be caught or angled for during the open seasons therefor at any hour of the day or night.

SALMON AND STEELHEAD PUNCH TAG

A free salmon and steelhead Punch Tag is to be used by Oregon anglers beginning March 1, 1950, and extending to February 28, 1951.

Twenty salmon and steelhead in the aggregate are allowed each fisherman for the tag year. Each time a fish is caught a punch tag is removed from the card attached to the fish, and the date and river are entered in the space provided at the time the fish is taken. The tags will be available at all Game Commission license agencies on or about February 25, 1950.

BOAT FISHING

Fishing from boats or floating devices prohibited on Todd Lake and that part of Williamson River above U. S. Highway 97 bridge. Other boat fishing restrictions remain the same as last year.

MISCELLANEOUS REGULATIONS

Regulations in regard to fly fishing, chumming, live minnows, hooks, and weights, etc., remain the same as last season.

ZONE 1

CLOSED TO ANGLING AT ALL TIMES

Tide Creek from falls to a point 200 feet below.

All tributaries of Necanicum River except the North and South Forks.

All tributaries of North and South Forks of the Necanicum River.

Elk Creek and tributaries above the forks in Clatsop County.

Nehalem River from Nehalem falls downstream to a marker to be established near the narrows.

All tributaries of the Nehalem River above and including Deep Creek (near Birkenfeld) but exclusive of Rock Creek.

Nehalem River above Wolf Creek.

All tributaries of Rock Creek, tributary to the Nehalem River.

All tributaries of Humbug Creek, tributary to the Nehalem River.

All tributaries, except Beneke Creek, of Fishhawk Creek, tributary to the Nehalem River and originating in section 12, township 5 north, range 7 west.

That part of North Fork Nehalem for a distance of 200 feet below the falls.

All streams in Tillamook County are closed to angling except the following streams which, exclusive of their tributaries, are open to angling during the seasons therefor: Kilchis River, Big Nestucca River, Little Nestucca River, Trask River, and its North Fork, Tillamook River, Miami River, Nehalem River, North Fork of Nehalem River, Three Rivers,

Salmonberry River and its North Fork, Beaver Creek, Lost Creek, Coal Creek, Salmon River, Foley Creek, Sand Creek, Neskowin Creek, and that part of the Wilson River below Lee's Bridge, and that part of Cook Creek from its mouth to confluence of the South Fork.

That portion of the Trask River from the head fish rack site near its confluence with Gold Creek downstream to a point 200 feet below the lower racks.

That part of Little Nestucca River from Stella Falls to a point 400 feet below the falls. All tributaries of Salmon River except Slick Rock Creek (Lincoln County).

Dee River and Beaver Creek (Lincoln County) from the east side of Highway 101 right-of-way downstream to the ocean.

Siletz River for a distance of ¼ mile below break of falls and for a distance of 400 feet below the dam at Valselt Lake.

All inlets to Valselt Lake, including the South Fork of the Siletz River above said lake. All tributaries of Siletz River except Rock, Sunshine, Euchre, Drift and Schooner Creeks.

Big Creek and Fogarty Creek from Highway 101 crossing downstream to ocean and for 100 yards on each side of their mouths.

All tributaries of the Alsea River except the North and South Forks, Drift Creek, Five Rivers, Fall Creek, Spencer Creek, and that part of Lobster Creek below Wilkinson Creek; provided, however, that the tributaries of the foregoing named streams are closed to angling also.

That part of Fall Creek from a point 200 feet below to a point 200 feet above the big falls (Lincoln County).

That part of the North Fork of Alsea River and its tributaries from the highway bridge across said river upstream to but not including Klickitat Lake.

Yachats River from Koontz Point to the east side of the highway right-of-way.

North and South Forks of Yachats River and their tributaries.

Cummins, Ten Mile, Big and Cape Creeks (Lane County) from where Highway 101 bridge crosses said streams downstream to the ocean and for 100 yards on each side of their mouths.

Sutton Creek from Highway 101 crossing downstream to the ocean and within a 400 yard radius of the mouth.

Munsell Creek, outlet of Munsell Lake. All tributaries of Sutton, Mercer, Munsell, Woahink, Siltcoos and Tahkenitch Lakes except Maple and Fiddle Creeks, tributaries of Siltcoos Lake and Five Mile and Leitel Creeks, tributaries of Tahkenitch Lake.

All tributaries of Fiddle and Maple Creeks, tributaries of Siltcoos Lake, and all tributaries of Five Mile and Leitel Creeks, tributaries of Tahkenitch Lake.

That part of the North Fork of the Siuslaw River from the forks above Pawn upstream.

All tributaries of the North Fork of the Siuslaw River.

All tributaries of the Siuslaw River above the mouth of Lake Creek, except Wolf and Wildcat Creeks.

All tributaries of Lake Creek from its source to Triangle Lake.

That part of Lake Creek and its tributaries from the Horton Road Bridge at Blachly up to its source.

Hadsall Creek, a tributary of Siuslaw River.

That part of West Fork of Indian Creek, a tributary of Lake Creek, above Rogers Creek.

All tributaries of Sweet Creek except Beaver Creek.

That part of Sweet Creek above the foot of the mountains above the Hill ranch.

That part of Deadwood Creek and its tributaries above the Leonard Brook's ranch.

That part of Knowles Creek and its tributaries above the point ¼ mile below the fish hatchery.

Nelson, Greenleaf and Fish Creeks, all tributaries of Lake Creek, and their tributaries.

Bear, Misery and Failor Creeks, all tributaries to Deadwood Creek, and their tributaries.

Woahink Lake within a radius of 300 feet of the outlet of said lake.

Siltcoos River, outlet to Siltcoos Lake, from a point 50 feet west of the first Forest Service bridge west of Highway 101 downstream to the ocean and within a 400 yard radius of the mouth.

Tahkenitch Creek, outlet to Lake Tahkenitch, from a point 1 mile below Highway 101 bridge downstream to the ocean and within a 400 yard radius of the mouth.

Ten Mile Creek within ½ mile radius of its mouth, as established by markers of Game Commission.

All tributaries of North and South Ten Mile Lakes.

That part of Glen Creek, a tributary of East

Fork of Millicoma River from Golden Falls to a point 200 feet below said falls.

All tributaries of North Fork Coquille River, exclusive of Middle Creek.

All tributaries of Middle Creek.

All tributaries of East, Middle and South Forks of Coquille River.

North Fork Coquille River for a distance of 200 feet below the dam and for a distance of 200 feet below the falls in Lavern Park.

Ferry Creek and its tributaries in Coos County.

Floras Creek in Curry County from the lower falls to a point 200 feet below said falls.

Crystal Creek, a tributary to Sixes River, from the falls to a point ¼ mile below said falls.

Hunters Creek in Curry County from a point 200 feet below to a point 200 feet above the bridge on Highway 101 and from the falls to a point ¼ mile below said falls.

New River, Elk River, Euchre Creek, Pistol River, Sixes River, Winchuck River and Floras Creek within a radius of 400 yards from the mouth of each stream.

Bear and Bear Trap Creeks, tributaries to Brush Creek, and their tributaries.

CLOSED TO ALL ANGLING FOR A SPECIFIED PERIOD

Ten Mile Creek, outlet to Ten Mile Lake, from a point 1¼ miles below the highway bridge downstream to a point ½ mile above the mouth as established by marker of the Game Commission, is closed to all angling from March 1 to December 31, both dates inclusive.

Miami River, closed to all angling from October 16 to December 15, both dates inclusive.

EXCEPTIONS TO GENERAL TROUT SEASON AND BAG LIMIT

Big and Klaskanine Creeks (Clatsop County) from Fish Commission hatchery racks down to tidewater, June 15 to October 15, inclusive.

Trask River (Tillamook County) from Fish Commission hatchery racks down to tidewater, June 15 to October 15, inclusive.

Eel and Marie Lakes, bag limit is 5 fish but not to exceed 15 pounds and 1 fish in any one day, and 10 fish but not to exceed 30 pounds and 2 fish in any 7 consecutive days.

Hebo Lake, June 1 to July 15, inclusive.

Valselt Lake, April 15 to June 30, inclusive.

EXCEPTIONS TO GENERAL SALMON SEASON

Open season for salmon 20 inches or over in length in the following streams or stream sections are as follows:

Nehalem River between Mohler Bridge and confluence of Rock Creek, October 1 to February 28, inclusive. (Below Mohler Bridge, open April 15 to February 28. Above Rock Creek, closed entire year to salmon angling.)

Salmonberry River from mouth up to confluence of the North Fork; October 1 to February 28, inclusive.

North Fork Salmonberry River, October 1 to February 28, inclusive.

Rock Creek from mouth up to the former Keasey dam site (tributary of Nehalem River), October 1 to February 28, inclusive.

Wilson River between Highway 101 bridge and Lee's Bridge, October 1 to February 28, inclusive. (Below Highway 101 bridge open April 15 to February 28; above Lee's bridge, closed entire year.)

Trask River above Highway 101 bridge, October 1 to February 28, inclusive. (Below said bridge open from April 15 to February 28.)

North Fork Trask River from mouth up to Bark Shanty Creek, October 1 to February 28, inclusive.

Closed entire year to Salmon 20 inches or over: Foley Creek, Lost Creek and Cook Creek.

ZONE 2

CLOSED TO ANGLING AT ALL TIMES

Deadpoint Creek and its tributaries (Hood River County).

Lost Lake Inlet Creek (Hood River County).

Columbia River from Bonneville dam downstream to a line drawn across the river as follows: Following the downstream power line crossing between the Washington shore and Bradford Island, and thence on a direct line to the domestic water tank of the government reservation on the Oregon shore.

In Sandy River Drainage:

Sandy River from Marmot dam downstream to the lower end of the Big Joe Long Hole at a marker to be established by the Game Commission, a distance of approximately 4,000 feet.

Henry Creek from Henry Creek Avenue in

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Angling Regulations

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Rhododendron to the source of said stream.

Bull Run River and its tributaries above a point located 300 feet below the power house.

In Main Willamette River Drainage:

Willamette River for a distance of 200 feet above the fishway at the Oregon City Falls to a line below said fishway reaching straight across the said river from the southwesterly corner of the electric plant of the Hawley Pulp and Paper Company, which is located on Black Point on the east side of the river, to the northeasterly corner of the grinder room of Mill A of the Crown-Willamette Pulp and Paper Company, which is located on the west side of the river; thence downstream for a distance of 20 feet below the Crown-Willamette grinder room arches; thence directly westward to a point directly opposite on the west bank.

That part of the Willamette River, known as the tailrace of the Crown-Willamette Pulp and Paper Company and described as follows: Beginning at a point near the mouth of said tailrace on the south bank thereof; thence extending across said tailrace following the line established by the bridge across said tailrace to the north bank thereof; thence in a westerly, southerly and easterly direction around the bank of said tailrace to the place of beginning.

In Tualatin River Drainage:

Tualatin River and tributaries above Lee Falls.

Rock Creek and tributaries from the Germantown road to its source.

East Dairy Creek and tributaries above Meacham bridge.

West Dairy Creek and tributaries above the forks just below the Wolf Creek highway bridge at Buxton.

McKay Creek and tributaries above a point at the first forks on the Johnson place.

Gales Creek and tributaries above the Glenwood Mill dam.

Scroggins Creek and tributaries above Scott's bridge.

Sain Creek above the City of Hillsboro's water intake.

In Yamhill River Drainage:

North Yamhill River and tributaries above Fairdale bridge.

Fairchild and Turner Creeks and their tributaries (tributary to Yamhill River).

All tributaries of South Yamhill River west of Old Grande Ronde except Agency Creek.

In Molalla River Drainage:

North Fork, Tablerock Fork (Middle Fork), and South Fork and their tributaries.

In Rickreall Drainage:

North and South Forks of Rickreall River and their tributaries.

In Santiam Drainage:

Turner Ditch.

North Santiam River from the dam at Mill City to a point 400 feet below the dam.

North Santiam River above Downing Creek.

Middle Fork Santiam River beginning at the head fish rack site at the confluence with Coal Creek and extending downstream $\frac{1}{2}$ mile.

All tributaries of North Fork Santiam above Mehama except Main Breitenbush, Marion and Little North Forks.

Main Breitenbush River above its forks.

All tributaries of Breitenbush, Marion and Little North Forks of North Santiam River.

Marion Creek from Marion Lake to what is known as Marion and Linn Falls in said stream.

Marion Lake lying west of a line drawn south across said lake from a point known as Outlet Rock on the north shore of said lake.

Elk Lake and tributaries.

Outlet to Elk Lake (Marion County) from the lake to a point 100 feet below the bridge crossing the outlet.

Roaring River (Linn County) from the upper end of the Game Commission hatchery grounds downstream to the first bridge crossing a distance of about $\frac{1}{4}$ mile.

Woods Creek (Benton County).

In McKenzie Drainage:

All tributaries of McKenzie River from confluence of Blue River downstream to Hendricks Bridge.

All tributaries of Blue River except Lookout Creek.

All tributaries of South Fork McKenzie River.

All tributaries of Horse Creek from confluence of Separation Creek downstream.

The outlet of Clear Lake from said lake to the first rapids in said outlet.

Clear Lake north of the boat docks on said lake.

Ikenick Creek (tributary to Clear Lake) and its tributaries.

Fish Lake Creek.

Hackleman Creek, tributary to Fish Lake.

In Middle Fork Willamette Drainage:

Middle Fork of the Willamette River beginning at the head fish rack site adjacent to the City of Oakridge and extending downstream 2,640 feet.

All tributaries to Big Fall Creek above the mouth of Winberry Creek and that part of Big Fall Creek above the mouth of He He Creek.

All tributaries to Little Fall Creek.

North Fork of Winberry Creek and its tributaries (tributary to Big Fall Creek).

All tributaries of the Middle Fork Willamette River above Lowell bridge except the North Fork, Salt, Salmon, Hills, Staley and Swift Creeks.

Salmon Creek, tributary to Willamette River, from the first falls above the fish hatchery to a point 200 feet below said falls.

Salt Creek from its source down to Gold Lake and from Gold Lake downstream to the first highway No. 58 crossing.

All inlets to Gold Lake.

Hidden Lake (Lane County).

Outlet of Waldo Lake from the lake to the first falls.

All tributaries to Otter and Ermabell Lakes and the outlets of these lakes for a distance of $\frac{1}{4}$ mile downstream.

In Coast Fork Willamette Drainage:

Rat and Teeter Creeks, tributaries of Dorena reservoir.

EXCEPTIONS TO GENERAL TROUT SEASON AND BAG LIMIT

East Dairy Creek (Tualatin tributary) and tributaries from the first bridge north of Mountindale to the Meacham bridge, April 15 to June 30, inclusive.

McKay Creek (Tualatin tributary) and tributaries from Scotch Church to the first fork above the Johnson place, April 15 to June 30, inclusive.

Rock Creek (Tualatin tributary) and tributaries from Tualatin Valley highway to Germantown road, April 15 to June 30, inclusive.

Little Wiley Creek (South Santiam tributary) April 15 to June 30, inclusive.

Calapooya River above Dollar Camp, April 15 to June 30, inclusive.

Abiqua, Butte, Silver and Drift Creeks (Pudding River drainage) and their tributaries except South Fork Silver Creek (see below), April 15 to July 15, inclusive.

Little North Fork Santiam River above Mehama, exclusive of its tributaries, April 15 to July 15, inclusive.

South Fork of Silver Creek east of the Silver Creek Falls highway and tributaries thereto, June 15 to August 31, inclusive. Bag limit is 5 fish in any 1 day but not to exceed 15 fish in any 7 consecutive days.

Pine Lake (Linn County), June 30 to August 4, inclusive. Bag limit is 5 fish in 1 day but not to exceed 15 fish in any 7 consecutive days.

Gold Lake (Lane County), June 1 to July 10, inclusive.

Fish Lake (Linn County), May 1 to May 31, inclusive. Bag limit: 5 fish in any 1 day but not to exceed 15 fish in any 7 consecutive days.

Lost Lake, June 1 to June 30.

Ann Lake: Bag limit, 5 fish in any 1 day but not to exceed 15 fish in any 7 consecutive days.

All lakes inside national forest boundaries, except as otherwise above specified, open season June 1 to September 15, inclusive.

McKenzie River and tributaries, open season May 1 to September 30, inclusive.

EXCEPTIONS TO GENERAL STEELHEAD AND SALMON SEASON

Willamette River and tributaries above Oregon City Falls, open season for salmon over 20 inches, April 15 to June 30, inclusive.

Willamette River and tributaries above Oregon City Falls, open season for steelhead over 20 inches, April 15 to October 15, inclusive.

Milton Creek and tributaries above Taylors Dam in Columbia County, April 15 to October 15, inclusive.

Tanner Creek from its mouth up to a point 200 feet below the Tanner Creek fishway, March 15 to August 15, inclusive.

Columbia River within a radius of 200 yards of the mouth of Tanner Creek, March 15 to August 15, inclusive.

Herman Creek from the bridge where Highway 30 crosses said creek downstream to the mouth, open October 21 to August 14, inclusive.

Columbia River within one-fourth mile radius of the mouth of Herman Creek, open October 21 to August 14, inclusive.

ZONE 3

CLOSED TO ANGLING AT ALL TIMES

That part of North Fork of Smith River and its tributaries above the Reed Ranch.

All tributaries of Smith River above but not including the North Fork.

Smith River from the falls to a point 400 feet below the falls.

All tributaries of Loon Lake, including that part of Lake Creek and its tributaries below the falls.

Calapooya Creek from the dam at the City of Sutherlin water works downstream to bridge crossing road leading to Nonpareil, a distance of 800 feet.

North Umpqua River between Winchester dam and highway bridge over the North Umpqua River on Route 99.

All tributaries of the North Umpqua below and including Steamboat Creek except Rock Creek and Little River.

All tributaries of Little River.

Rock Creek from a point 50 yards above new hatchery water supply intake downstream to a point marked by a sign approximately 75 yards below the old dam.

Lake Creek from a point where said creek empties out of Diamond Lake downstream to a point where North Umpqua highway crosses said stream.

Diamond Lake lying within a radius of 1,000 feet from the beginning of Lake Creek.

Silent Creek and Short Creeks, tributaries of Diamond Lake.

South Umpqua from a point 50 yards above to a point 150 yards below the South Umpqua Falls.

Fish Lake extending east of a line beginning at a point 400 feet north of the mouth of High Rock Creek.

All tributaries to Fish Lake.

EXCEPTIONS TO GENERAL TROUT SEASON AND BAG LIMIT

Smith River above the falls, May 1 to July 15, inclusive.

Diamond Lake, open season June 1 to September 15, inclusive; except that the open season is from July 15 to September 15, inclusive, in that part of the lake lying within a radius of 450 feet from the mouth of Silent Creek and within a radius of 450 feet from the mouth of Short Creek. Use of fish eggs, single or cluster, prohibited in this lake.

Fish, Buckeye, Cliff, and Twin Lakes and Fish Lake Creek, June 1 to September 15, inclusive.

Bag limit for Diamond, Fish, Buckeye, Cliff and Twin Lakes is 5 fish but not to exceed 15 pounds and 1 fish in any 1 day, and 10 fish but not to exceed 30 pounds and 2 fish in any 7 consecutive days.

UMPQUA RIVER AND TIDEWATER OF SMITH RIVER — ZONE 3

TIDEWATER

In tidewater of Smith and Umpqua rivers below Highway 38 bridge at Scottsburg trout not less than 8 inches may be taken between May 1 and October 15; salmon, 20 inches or over in length, may be taken except from March 1 through April 14, and steelhead, 20 inches or over, except from March 1 to April 30. The bag limit on salmon from April 15 through May 31 is 1 per day and 1 per week. The bag limit on salmon and steelhead the rest of the open season is 2 per day and 4 per week.

ABOVE TIDEWATER

Above tidewater, except in the Main Umpqua and stream systems whose mouths are in tidewater, trout not less than 6 inches may be taken from May 1 to October 15 except that after September 15 trout angling will not be allowed above Steamboat Creek on the North Umpqua and above Jackson Creek on South Umpqua. Trout not less than 8 inches long may be taken in the Main Umpqua River (below forks) and other stream systems whose mouths are in tidewater from May 1 through October 15.

Steelhead, not less than 20 inches, may be taken from May 1 through October 15 in all waters not specifically closed except that the South Umpqua exclusive of tributaries is open to Jackson Creek only and except that from September 16 to October 16 the North Umpqua and tributaries are open only below Steamboat Creek.

Steelhead not less than 20 inches may be taken from October 16 to February 28, and salmon not less than 20 inches may be taken from April 15 through May 31 and from September 1 through October 31 in the North and South Umpquas, exclusive of tributaries of both streams below the narrows at Rock Creek and below Jackson Creek respectively; the main Umpqua exclusive of tributaries except Elk and Calapooya Creeks (exclusive of tributaries west of Highway 99) and Mill Creek (exclusive of its tributaries); and tidewater above Highway 38 bridge at Scottsburg. The bag limit for steelhead and salmon is 2 per day and 4 per week except that the bag limit for salmon from April 15 to May 31 is 1 per day and 1 per week.

For specific closures see "Closed to Angling At All Times" under Zone 3.

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ZONE 4

CLOSED TO ANGLING AT ALL TIMES

Rogue River 100 yards above and below any tagging trap or fish rack.

Illinois River from the mouth of Fall Creek up to a point 400 feet above Illinois Falls.

Rogue River from Rainey Falls to a point 400 feet below the falls.

Rogue River from a point 300 feet above the upper end of diversion dam of the Beaver-Portland Cement Company's power house to a point 500 feet below the lower side of the Junction of the tailrace from the power house and main channel of the Rogue River, including the canal.

Rogue River from the Savage Rapids Dam to a point 400 feet below said dam.

Rogue River from the Gold Ray Dam to a point 950 feet below Copco Gold Ray bridge.

Big Butte Creek from a point 100 yards below the lower fish racks of the Game Commission egg-taking station to a point 100 yards above the upper fish racks.

Fish Lake from its head for a distance of $\frac{1}{4}$ mile below the head of said lake.

EXCEPTIONS TO GENERAL TROUT SEASON AND BAG LIMITS

Fish Lake, bag limit is 10 pounds and 1 fish but not to exceed 5 fish in any 1 day or 20 pounds and 2 fish but not to exceed 10 fish in any 7 consecutive days.

ROGUE RIVER — ZONE 4

Steelhead, regardless of size, are classified as trout in the Rogue River and its tributaries and may be taken only under the provisions for trout.

Salmon under 20 inches also come under the regulations for trout, except jack salmon.

From May 1 to September 30 the Rogue River and its tributaries below and including Mule Creek on Rogue River, and below and excluding Indigo Creek on Illinois River are open for trout not less than 8 inches. All other waters of the Rogue drainage not described above are open to trout not less than 6 inches. The bag limit pertaining during this season on these waters is 10 fish, not to exceed 10 pounds and 1 fish in any 1 day and 20 fish not to exceed 20 pounds in 7 days or in possession.

A bag limit of 3 trout over 12 inches in any 1 day, not to exceed 6 fish in 7 days or in possession applies to the following three seasons: October 1 to November 30 the season is open on Rogue River exclusive of tributaries below Crater Lake highway crossing at Shady Cove. From January 15 to February 15 the season is open on Rogue River, exclusive of tributaries, below the mouth of the Applegate River. From October 1 to February 15 the Illinois River, exclusive of tributaries, from its mouth upstream to a point 400 feet below Pomeroy Dam is open.

A bag limit of 2 chinook salmon over 20 inches per day, not to exceed 5 in 7 days or in possession will apply during the following seasons: From April 1 through October 31 open season on Rogue River, exclusive of its tributaries, below the swinging bridge at Agness and from January 1 through July 31 open season on Rogue River, exclusive of tributaries, above the swinging bridge at Agness.

The same bag limit of 2 fish over 20 inches per day, not to exceed 5 in 7 days applies to an open season the entire year for silver salmon on Rogue River, exclusive of all tributaries except the Illinois River, exclusive of its tributaries, from the mouth to a point 400 feet below Pomeroy Dam.

The aggregate yearly limit for steelhead and salmon 20 inches or over in length is 20 such fish, of which not more than 10 may be taken during the period from March 1 to August 15, inclusive.

The bag limit for jack salmon under 20 inches is 4 a day and 8 in 7 days.

Note: All tributaries of Rogue River are closed to salmon angling the entire year. From October 1 to April 30 all tributaries of Rogue River are closed to steelhead angling. (Exception: See Illinois River.) For special regulations see Zone 4.

ZONE 5

CLOSED TO ANGLING AT ALL TIMES

Fifteen Mile Creek lying below a point 200 feet above the fishway in the Seufert Dam to the outlet of said creek into the Columbia River (Wasco County).

Rock Creek above Rock Creek Reservoir (Wasco County).

Metolius River and tributaries from its source to head of canyon below the Allingham Ranger Station.

Suttle Lake within a radius of 100 yards of the mouth of Link Creek.

Link Creek and tributaries, outlet of Suttle Lake.

Link Creek, tributary of Suttle Lake.

Ochoco Reservoir and all tributaries above the dam.

Big Lava and Little Cultus Lakes.

Fall River from the dam at the Game Commission hatchery to a point 300 feet below the outlet of the ponds at a marker established by the Game Commission.

Deschutes River from Little Lava Lake downstream to Deschutes bridge.

Deschutes River from Wickiup Dam to a point $\frac{1}{4}$ mile below said dam.

Deschutes River from Sheep Bridge, about 2 miles below Crane Prairie Dam, upstream to Crane Prairie Dam.

Charlton Creek, Deer Creek, Cultus Creek, Quinn River and Cultus River (all tributary to Crane Prairie Reservoir).

Paulina Lake upstream from the irrigation company's dam to a line extending across the lake described as follows: Beginning at a point 400 yards north of the Paulina Resort boat house, thence diagonally across the lake in the direction of the Forest Service camp to a marker to be placed by the Game Commission at the point of land on the south shore of the lake.

East Lake west of a line beginning at a point on the north shore of said lake 20 chains south of the quarter section corner between sections 19 and 20, township 21 south, range 13 east, Willamette meridian; thence running south 26 degrees west across said lake to a point on the south shore of said lake $7\frac{1}{2}$ chains north of the quarter section corner between sections 30 and 31, township 21 south, range 13 east, Willamette meridian.

Elk Lake extending north of a line running from a point on the west shore of the lake 200 yards south of the Elk Lake lodge boat house to a point on the east shore just north of the former girls' camp.

Sparks Lake extending north and west of a line drawn from a point at the end of the Forest Service road on the east shore of the lake across the lake to a marker to be established by the Oregon State Game Commission.

Quinn Creek, a tributary to Mud Lake.

All tributaries of Devils, Three Creeks and Sparks Lakes except that part of Fall Creek (tributary of Sparks Lake) above the first falls on said creek.

Odell Lake within a 200-foot radius of the point where the outlet leaves the lake.

Odell Creek and tributaries from Odell Lake downstream to a point where the line of telephone poles run east and west across said creek adjacent to the forestry camp at Davis Lake.

Crystal Creek and that part of Trapper Creek from Southern Pacific Dam downstream to Odell Lake (both streams tributary to Odell Lake).

EXCEPTIONS TO GENERAL TROUT SEASON AND BAG LIMIT

Rock Creek Reservoir, May 1 to July 15, inclusive (Wasco County).

Chenoweth Creek and that part of Mill Creek from its mouth to junction of north and south forks, open entire year (Wasco County).

South Twin Lake, June 15 to August 15, inclusive (Deschutes County).

Paulina and East Lakes, June 1 to September 15, inclusive; provided that portion of East Lake marked by buoy lines at the south, west and northeast ends is open July 1 to September 15, inclusive (Deschutes County).

Davis Lake, Sparks Lake, Crane Prairie Reservoir and North Twin Lake, May 1 to September 15, inclusive.

Deschutes River and tributaries from Deschutes Bridge to a point to be established by a marker approximately 300 yards downstream from Cow Camp Bridge, June 15 to September 15, inclusive.

Rosary Lakes, June 1 to September 7, inclusive (Klamath County).

Fawn and Wahoo Lakes, June 1 to September 30, inclusive (Klamath County).

Odell Lake, bag limit for Dolly Varden is to be counted with and as part of the general trout limit.

Bag limit is 5 fish but not to exceed 15 pounds and 1 fish in any 1 day, and 10 fish but not to exceed 30 pounds and 2 fish in any 7 consecutive days, in the following waters:

Davis Creek.

Deschutes River and tributaries from Deschutes Bridge downstream to Crane Prairie Dam, including Crane Prairie Reservoir.

Deschutes River and tributaries between Wickiup Dam and Sheeps Bridge, known as Wickiup Reservoir.

Big Cultus, Davis, Devils, East, Elk, Irish, Mud, Paulina, Sparks, Taylor, Three Creek,

Todd, Little Lava, North Twin and South Twin Lakes.

EXCEPTIONS TO GENERAL STEELHEAD AND SALMON SEASON

Deschutes River and tributaries above Warm Springs bridge, May 1 to October 15, inclusive. (Closed to steelhead and salmon angling the remainder of the year.)

ZONE 6

CLOSED TO ANGLING AT ALL TIMES

Klamath River for a distance of 4,000 feet below and 2,000 feet above the mouth of Spencer Creek.

Spencer Creek.

Link River beginning at the California-Oregon Power Company's dam on said river to a point 200 feet below said dam.

All tributaries to Lake of the Woods.

EXCEPTIONS TO GENERAL TROUT SEASON AND BAG LIMIT

Dry Creek, March 15 to October 15, inclusive (Lake County).

Drews Reservoir, open season entire year. (Unlawful to fish through ice for trout.)

Drews Creek and tributaries below the first railroad crossing about one-half mile above the Klamath Falls-Lakeview highway, March 15 to September 30, inclusive.

Campbell, Deadhorse, and Blue Lakes, July 1 to September 10, inclusive.

Dog Lake, Crump Lake, and Hart Lake, open entire year (Lake County).

Lake County, except as otherwise provided, open season May 20 to October 15, inclusive.

Lake Ewauna, Link River, and that portion of Upper Klamath Lake, from Modoc Point to Eagle Ridge south to Link River, open entire year (Klamath County).

Williamson River, exclusive of tributaries except as herein provided, and that part of Spring Creek from its mouth to a point 100 yards upstream, May 28 to October 15, inclusive (Klamath County).

Klamath River, October 1 to July 5, inclusive.

Lost River, July 1 to October 15, inclusive (Klamath County).

Four Mile Lake and Lake of the Woods, bag limit is 10 pounds and 1 fish but not to exceed 5 fish in any 1 day, and 20 pounds and 2 fish but not to exceed 10 fish in any 7 consecutive days.

ZONE 7

CLOSED TO ANGLING AT ALL TIMES

Camp Creek, tributary of Middle Fork John Day River.

Deordorf, Fields, Riley, Moon, and Lacock Creeks, tributaries of John Day River.

Deer Creek and tributaries above and including Corral Creek.

Lewis Creek and tributaries (tributary to South Fork John Day River).

Middle Fork Canyon Creek and tributaries.

Murderers Creek above and including Tex Creek.

Lake Creek between Olive Lake and what is known as the upper reservoir.

All tributaries of Magoon and Strawberry Lakes.

Umatilla River from the Three Mile diversion dam in said river to a point 300 feet below said dam.

Meacham Reservoir.

EXCEPTIONS TO GENERAL TROUT SEASON

Magoon Lake, May 15 to July 10, inclusive, and September 1 to October 15, inclusive (Grant County).

Strawberry Lake, June 15 to October 15, inclusive (Grant County).

Mill Creek, May 21 to September 15, inclusive (Umatilla County).

North Fork Walla Walla River and tributaries, May 1 to June 30.

South Fork of Walla Walla River between the intake of the P.P. & L. plant (commonly known as the dam) and the new plant at the Couse Creek Bridge, May 1 to June 30, inclusive.

Cable, Hideaway, and Five Mile Creeks and their tributaries (all tributary to North Fork John Day River), May 1 to July 15, inclusive.

South Fork Umatilla River, May 1 to July 15, inclusive.

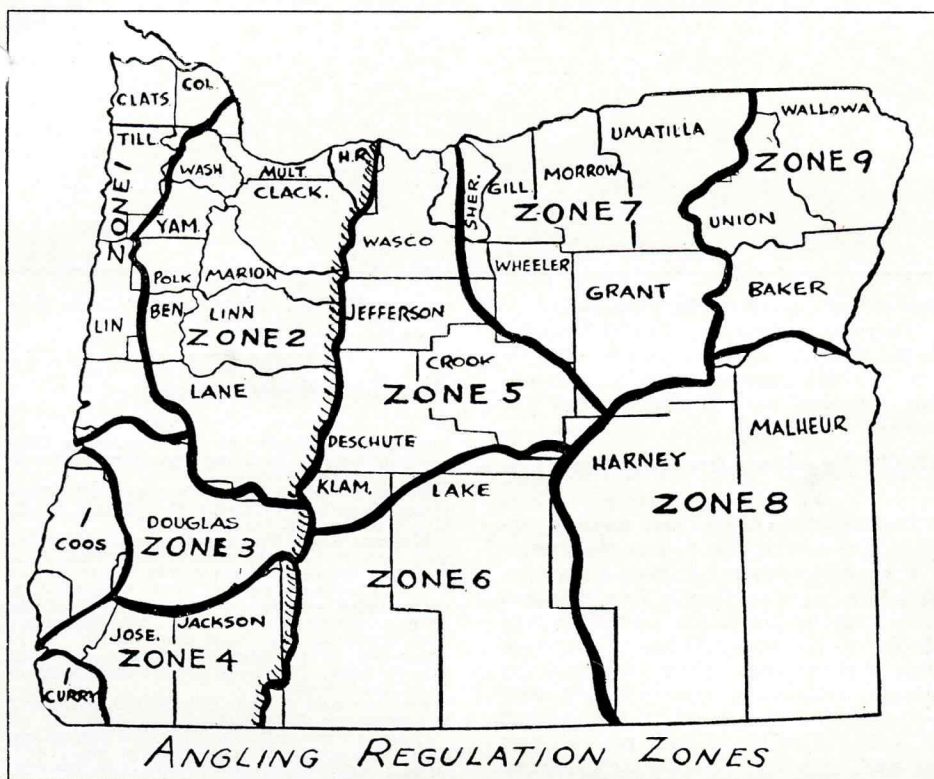
Camas Creek above Ukiah Bridge, May 1 to July 15, inclusive.

All tributaries of Camas Creek, May 1 to July 15, inclusive.

Umatilla River and tributaries from the west limits of Pendleton to the intake ditch of Cold Springs reservoir, May 1 to September 15, inclusive.

Birch Creek below confluence of east and west forks, May 1 to September 15, inclusive; above confluence of said forks, May 1 to July 15, inclusive.

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Angling Regulations

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McKay Creek and tributaries below confluence of north and south forks, including McKay Reservoir, May 1 to September 15, inclusive; above confluence of said forks, May 1 to July 15, inclusive.

EXCEPTIONS TO GENERAL STEELHEAD AND SALMON SEASON

Umatilla River and tributaries from intake ditch of Cold Springs Reservoir to west city limits of Pendleton, May 1 to September 15, inclusive.

Umatilla River and tributaries above the west city limits of Pendleton, May 1 to October 15, inclusive.

Birch Creek below confluence of east and west forks, May 1 to September 15, inclusive; above confluence of said forks, May 1 to July 15, inclusive.

McKay Creek and tributaries including McKay Reservoir below confluence of north and south forks, May 1 to September 15, inclusive; above confluence of said forks, May 1 to July 15, inclusive.

Walla Walla River, exclusive of tributaries, open entire year.

All tributaries of North Fork John Day River, May 1 to October 15, inclusive, except that part of Camas Creek below Ukiah, which is open entire year.

All Grant County streams, May 1 to October 15, except the following which are open the entire year: Main John Day River, Middle and North Forks John Day River, South Fork John Day River below Jackass Creek, Beech Creek, Rock Creek (tributary to John Day River), Canyon Creek below the southern city limits of Canyon City.

ZONE 3

CLOSED TO ANGLING AT ALL TIMES

North Fork Malheur River and tributaries above Malheur Guard Station.

Whitehorse Creek and its tributaries within confines of Whitehorse Ranch.

Blitzen River, exclusive of its tributaries, from the mouth of Bridge Creek to Malheur Lake.

Delintment Lake.

Baca Lake.

Eastside Canal.

Owyhee River for a distance of 1 mile below Owyhee Dam.

All tributaries of Owyhee River below the dam.

Hog and Wickiup Creeks and tributaries (tributaries to Silvies River).

EXCEPTIONS TO GENERAL TROUT SEASON AND BAG LIMIT

Bridge and Mud Creeks and their tributaries, June 1 to September 30.

Fish Lake, May 1 to September 15, inclusive.

Owyhee Reservoir and that part of Owyhee River below the dam. Bag limit for trout not less than 10 inches in length, 5 a day and not more than 5 in possession at any one time.

Beulah Reservoir, May 1 to August 31, inclusive. Bag limit: 10 fish but not to exceed 10 pounds and 1 fish in any one day, or 20 fish but not to exceed 20 pounds and 2 fish in any 7 consecutive days.

Harney County, except as otherwise provided, open season May 1 to September 30, inclusive.

EXCEPTIONS TO GENERAL STEELHEAD AND SALMON SEASON

Owyhee River from the Old Owyhee Ditch Diversion Dam to the Owyhee Dam, May 1 to October 15, inclusive.

ZONE 9

CLOSED TO ANGLING AT ALL TIMES

Camp Creek and tributaries above Higgins Reservoir in Baker County.

Unity Reservoir.

Love Reservoir.

Van Patten Lake.

All tributaries of Catherine Creek, except Mill Creek below Caldwell ditch and Ladd Canyon Creek.

Mill Creek and its tributaries (tributary of Catherine Creek) above Caldwell Ditch.

Jarbeau Creek and North Fork of Looking-glass Creek and their tributaries.

Catherine Creek for a distance of 500 feet above and below the dam and spillway of the City of Union water intake.

Bear Creek from a point of diversion of the City of Wallowa's water intake to the mouth of Little Bearcreek, a distance of about 5 miles.

West Fork of Wallowa River above head of Wallowa Lake to Wallowa Falls.

East Fork of Wallowa River from head of Wallowa Lake to intake of Pacific Light & Power Company.

West Fork of Eagle Creek and its tributaries.

East Fork of Eagle Creek and its tributaries above the falls.

Tributaries of all lakes in Wallowa County except as provided hereinbefore.

EXCEPTIONS TO GENERAL TROUT SEASON

Open season entire year and a daily limit of 30 (60 in possession) for eastern brook trout (no length limit) in those lakes and their tri-

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1950 Angling Regulations

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The bag limit on catfish in Ten Mile Lakes in Coos County has been removed to allow unlimited angling for this species in those waters. This is one phase of a program to rehabilitate the lakes for trout angling.

Lakes

Lake seasons will vary in different areas of the state. The lakes in western Oregon with the exception of those within national forest boundaries in Zone 2 will open on April 15. The lakes in eastern Oregon will open on May 1 with a few major exceptions. East, Paulina, and Diamond lakes will open on June 1 and close on September 15. Practically all of the other large lakes and reservoirs will open on May 1.

The lakes in Zone 2 within the Mt. Hood and Willamette National Forest boundaries will not open until June 1 with a few exceptions. Actually few lakes in the Cascades will be accessible earlier than June 1 and many cannot be reached without undue effort until July. Too, many lakes remain ice covered until early summer and except in one or two areas, fishing through the ice for trout is prohibited.

The minimum size limit on Diamond lake which has been at 10 inches for many years was reduced to 6 inches this year. The presence of great numbers of trash fish in the lake, a situation which the Game Commission has thus far been unable to correct by partial control measures, has resulted in a deterioration of the trout fishery. The total catch and average size and weight has decreased markedly in recent years. The 6 inch minimum limit will allow a harvest of smaller fish, including those that have grown from the fry size in the lake and the yearling or legal-sized trout that will of necessity be stocked there.

A 9 inch minimum size limit will apply to East, Paulina, Davis and Sparks lakes, and Crane Prairie and Wickiup reservoirs. All of these bodies of water had a 6 inch minimum limit on them last year. A daily bag limit of 5 fish prevails on these waters, and the minimum length limit was increased to allow the fish to obtain a larger growth before entering into the catch.

Rogue and Umpqua Rivers

No changes of any consequence were made in the regulations applying to the Umpqua river system. Additional data indicate a continued low in the spring chinook fishery and the bag limit of 1 per day and 1 per week from April 15 through May 31 will remain in effect.

On the Rogue river, two major changes were made. The Illinois river below Pomeroy Dam will be open to silver salmon angling for the first time in several years. The run of fish in this stream has increased to the point where a harvest can be permitted. The screening of irrigation

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Oregon State Game Commission Bulletin

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ABOUT THE AUTHOR

Robert C. Holloway, who for the third year has prepared this annual article on fishing regulations, is, in point of service, the oldest biologist in the fisheries division of the Oregon State Game Commission.

He graduated from the Department of Fish and Game Management at Oregon State College in 1938, being a member of the first graduating class in that department which was established in 1935. Since that time, Holloway has been in continuous employment of the Game Commission except for a three-year leave of absence during the war as a member of the armed forces.

His first assignment with the Game Commission was a survey of the Metolius River. Later when the lake and stream survey program of the Commission was expanded he directed the work of the crews. One of the first tangible results of this program was the beginning of the trash fish control policy of the Commis-



sion at well known South Twin Lake.

His present duties as a chief biologist in the fisheries division include supervision of trout liberations, trash fish control, lake and stream surveys and fish salvage.

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ditches plus the three year angling closure have contributed to this increase.

The weekly possession limit of salmon, 20 inches or over in length, was increased from four to five but a limitation was placed on the seasonal limit. Not more than 10 in the aggregate of steelhead and salmon, 20 inches or over in length, may be taken between March 1 and August 15, inclusive, on the Rogue. This will limit the take of spring chinook to 10 for one individual providing no steelhead over 20 inches are taken during this same period. The annual aggregate bag limit will remain at 20.

The new regulations become effective as soon as they are filed with the Secretary of State. An effort will be made to post all special seasons and closures but this task cannot be completed until road and trail conditions improve in many areas. An angler should obtain a printed copy of the angling laws as soon as they are available but the regulations as outlined in this issue can be used for refer-

ence until the Synopsis has been distributed.

Angling Regulations

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butaries above 5,000 feet elevation in the Wallowa Mountains with the exception of Duck, Twin, and Fish Lakes.

Upper Grande Ronde River and all tributaries above and including Five Points Creek, May 1 to July 15, inclusive.

Wallowa Lake, May 1 to November 30, inclusive, except that the season for "Yanks" is May 1 to August 31; provided that that part of Wallowa Lake at the head of the lake within a radius of 100 yards from the mouth of Wallowa River is closed to all angling from September 1 to April 30. Bag limit for "Yanks" is 10 fish a day, 20 in possession, but said bag limit is to be counted with and as part of the general bag limit for trout.

Anthony and Grande Ronde Lakes, July 1 to September 15, inclusive.

Higgins Reservoir, bag limit is 5 fish in any 1 day but not more than 10 fish in any 7 consecutive days. Open season, May 1 to June 30, and September 1 to October 15.

EXCEPTIONS TO GENERAL STEELHEAD AND SALMON SEASON

Catherine Creek below city intake at Union, January 1 to June 30, inclusive.

Pine Creek and tributaries (Baker County), open May 1 to October 15, inclusive, except that main Pine Creek below the North Fork is open entire year.

All other streams in Zone 9 closed to angling the entire year for steelhead and salmon 20 inches or over in length, except the following streams which, exclusive of their tributaries, are open the entire year:

Grande Ronde River below mouth of Meadowbrook.

Imnaha River below Grouse Creek.

Wallowa River below Lostine Creek.

Minam River below Squaw Creek.

Wenaha River below Crooked Creek.

Powder River below Thief Valley Dam.



Personnel attending fisheries staff conference held in Portland in December.