



A FIVE-YEAR FISH DISTRIBUTION AND MANAGEMENT PLAN
FOR THE
LIBBY HATCHERY DISTRICT
MONTANA

Field Work by

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Compiled By

DIVISION OF WILDLIFE
FOREST SERVICE
REGION ONE
UNITED STATES DEPARTMENT OF AGRICULTURE

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April 1942



Table 3a. Management data on streams in the Clark Fork
of the Columbia drainage recommended for planting

Sheet 1 of 2

Name of stream	Miles fishing water	Width in feet	Number tribu- tar-ies	Temperature degrees Fahrenheit	Food condition	Amount of fishing	Species fish present	List barriers in stream or rearing pond possibilities
Bull River	16	40	7		Good	V. Heavy	Ct, Rb, Eb, DV, Wf, S, Sockeye, Squaw	300' falls at head of stream
N. Fk. Bull River	5	8	1		"	Med.	Ct, Rb	
Mid. Fk. Bull River	5	8	2		"	"	Ct, Rb	
E. Fk. Bull River	7	8	4		"	Heavy	Ct, Rb	
Snake Creek	2	4			"	None	Ct	
N. Fk. E. Fk. Bull River	4	6	1		"	Light	Ct, Rb	
Rock Creek	5	10	5		"	Heavy	Ct, Rb, Eb	
E. Fk. Rock Creek	5	10			"	"	Ct, Rb, Eb	
Swamp Creek	15	25	3		V. "	Med.	Ct, DV	Beaver dams on upper end
Vermillion Creek	18	30	16		Med.	"	Ct, DV, Rb	" " " "
								10' cascades 4 mi. from mouth, beaver dams on upper end
Canyon Creek	5	8	1		Good	"	Ct, DV	Beaver dams on upper end
Happy Gulch	2	8			"	None	Ct	" " " "
Miller Gulch	3	8			"	"	Ct	Beaver dams
Bear Creek	3	10			"	"	Ct	Cascades on lower end beaver dams
Cataract Creek	4	20	1		"	"	Ct	Cascades on lower end
Deep Creek	5	10			"	Light	Ct	Dry lower 1 mi.; sinks for middle 2 mi.
Graves Creek	9	15	2		"	Heavy	Ct	Many beaver dams
Thorne Creek	5	8			"	None	Ct	
Squaw Creek	5	6			"	Light	Ct	
Ashley Creek	4	4			"	Med.	Ct	
Thompson River	45	30	22		Med.	V. Heavy	Ct, Rb, DV Squaw, S, Wf	Upper 3 mi., city water supply Beaver dams on upper end
W. Fk. Thompson River	7	10	4		Good	Heavy	Ct, DV, Eb	

Table 3a. Management data on streams in the Clark Fork
of the Columbia drainage recommended for planting

Sheet 2 of 2

Name of stream	Miles fishing water	Width in feet	Number tribu- taries	Temperature degrees Fahrenheit	Food condition	Amount of fishing	Species fish present	List barriers in stream of rearing pond possibilities
Fishtrap Creek	15	15	10		Med.	Heavy	Ct, DV	Many beaver dams
W.Fk. " "	6	8			Good	Med.	Ct, DV	" "
Meadow Creek	5	4			"	None	Ct	" "
Twin Creek	3	4	2		Med.	None	Ct	Upper 4 mi. small, has many fls.
Murr Creek	7	4			Good	Heavy	Eb	Upper 3 mi. small and fast
Shroeder Creek	8	8			Med.	Light	Ct	Beaver dams, 6' fls. 3 mi. from
Big Rock Creek	12	10	2		"	Med.	Ct	mouth
Chippy Creek	8	6			Good	Med.	Ct	Sinks on lower end
Bear Creek	8	6			Med.	Heavy	Ct	8' falls 3 mi. from mouth
Lit. Thompson River	15	15	6		Med.	V."	Ct, DV	Beaver dams in upper 5 mi.
N.Fk. Lit. "	5	4			Med.	Light	Ct	
McGinnis Creek	6	6	2		Good	Heavy	Ct	Beaver dams
Lynch Creek	8	4			Med.	Light	Ct	Lower 3 mi. posted, used for irrigation
Swamp Creek	5	6	2		Good	Heavy	Ct	Sinks on lower end
W.Fk. Swamp Cr.	5	4	1		Good	Heavy	Ct	
Cherry Creek	13	10	4		Good	Heavy	Ct, Eb, DV	Beaver dams
Prospect Creek	20	20	14		Good	Heavy	Ct, Eb, DV	Sinks and raises from 10 mi. to 14 mi. from mouth
E.Fk. Dry Creek	4	4	1		Good	Light	Ct	Beaver dams
W.Fk. Dry Creek	5	5	1		Good	Med.	Ct	" "
Wilkes Creek	7	5	1		Good	Light	Ct, Eb	" "
Cooper Gulch	6	10	3		Good	Light	Ct, Eb	" "
Clear Creek	12	10	6		Good	Heavy	Ct, Eb	" "
Martin Creek	10	25	6		Med.	Heavy	Ct, Eb, DV	" "
S. Branch Martin Cr.	3	15	1		Poor	None	Ct, Eb, DV	" "
N. Branch Martin Cr.	3	15	1		Med.	Med.	Ct, Eb, DV	" "
Elk Creek	6	10	3		Med.	Med.	Ct, Eb, DV	" "

Table 3b. Management data on streams in the Kootenai River drainage recommended for planting

Sheet 1 of 1

Name of stream	Miles fishing water	Width in feet	Number tributaries	Temperature degrees Fahrenheit	Food condition	Amount of fishing	Species fish present	List barriers in stream of rearing pond possibilities
Yaak River	45	150	27		Good	Heavy	Rb,Ct,Eb, S W _r	40' falls 10 mi. from mouth
S.Fk.Meadow Cr.	5	10	1		Fair	Light	Ct	
N.Fk.Meadow Cr.	5	10			"	"	Ct	
Spread Creek	10	18	6		Good	Med.	Ct	
Pete Creek	9	15	3		"	"	Ct	
W.Fk.Yaak River	18	25	12		"	Light	Ct	
N.Fk.Yaak River	3	20	3		"	Med.	Ct	
E.Fk.Yaak River	11	20	8		"	"	Ct	
E.Fk.Quartz Cr.	6	20	2		"	Light	Ct,DV	Beaver dams
Pipe Creek	17	30	7		"	V.Heavy	Ct,Eb,Rb, DV	"
Young Creek	8	12	1		"	Med.	Ct,Eb	"
Tobacco River	12	40	4		Poor	Heavy	Ct,Rb,Eb	
Grave Creek	12	30	6		"	Med.	Ct,Rb,DV	
Deep Creek	8	10	1		Good	Med.	Eb	"
Fortine Creek	25	20	8		"	Heavy	Eb,Rb,Ct	"
Swamp Creek	8	10	3		"	Med.	Eb	"
Lake Creek	4	10			"	Med.	Eb	"
Meadow Creek	7	10			"	"	Eb	"
Pinkham Creek	18	20	5		"	Heavy	Eb,Ct	30' falls 3 mi. from mouth
Fivemile Creek	9	15	1		"	"	Eb	
Fisher River	25	40	20		Med.	Light	Ct,Rb,Eb Squaw, S	
Wolf Creek	25	20	8		Good	Heavy	Eb	
Pleasant Valley Fisher R	33	18	10		"	"	Eb,Ct,Rb	
Libby Creek	22	30	15		Med.	"	Rb,Eb,Ct	
Vaughn Slough	1	30			"	"	Rb	Kids' fishing stream
Granite Creek	10	15	6		Poor	Med.	Ct	
Parmenter Creek	10	15	3		Med.	"	Ct	
Lake Creek	12	40	8		Good	Heavy	Ct,Rb	

Table 4a. Management data on lakes in the Clark Fork of the Columbia drainage recommended for planting

Sheet 1 of 1

Name of lake	Acreage	Temperature degrees F.	Food condi- tion	Species fish present	Percent of area under 30 feet in depth	Percent of area over 100 feet in depth	Amount of vegetation present	Principal type of shore line; mud, gravel, rock, etc.	Drains into
Elk Lake	46		Fair	None	25		Small	Rock, mud	Sims Creek
Fishtrap Lake	100		Med.	Ct, S	20	25	Large	Mud, rock	Radio Creek
Lost Lake	5		Good	Ct, S	100		"	Mud, gravel	Slimmer Cr.
Upper Thompson Lake	500		Poor	Ct, Rb, S Squaw, Perch, Bass, Sunfish	40	10	Small	Gravel	Thompson R.
Mid. Thompson Lake	650		Fair	" " "	45	10	Small	Gravel	"
Low. " "	320		"	" " "	50	10	Med.	Gravel, mud	"
McGregor Lake	1300		Poor	Ct, S, Squaw	40	15	Small	Mud	"
Baldy Lake	30		Med.	Rb	20	5	Small	Rock	McGinnis Cr.
Winniemuck Lake	5		Good	None	100		Large	Mud, Rock	Winniemuck Cr.
Cabin Lake	20		Good	Ct	60		Large	Gravel, rock	Four Lakes Cr.
Rainbow Lake*	320		Good	Bass, S Rb, Cat- fish	50	5	Large	Mud, rock	No drainage

*To be planted by the Polson Station with bass rescued from Kicking Horse Reservoir.

Table 4b. Management data on lakes in the Kootenai drainage recommended for planting

Sheet 1 of 2

Name of lake	Acreage	Temperature degrees F.	Food condi- tion	Species fish present	Percent of area under 30 feet in depth	Percent of area over 100 feet in depth	Amount of vegetation present	Principal type of shore line; mud, gravel, rock, etc.	Drains
Hoskin Lake	80		Good	Rb, Ct	50		Large	Mud, gravel	Yaak River
Fish Lakes (4)	100		"	Ct	60		Med.	Rock	Vinal Creek
Vinal Lake	60		"	Rb, Ct	75		Large	Rock, mud	"
Wee Lake (Arbo Lake)	20		Fair	Rb, Ct	100		Med.	Rock	Arbo Creek
Kilbrennan Lake	160		Good	Eb	100		Large	Mud, rock	Kilbrennan Cr.
Alvord Lake	160		"	Eb	60		"	Mud, rock	O'Brien Cr.
Loon Lake (on Pipe Cr.)	80		"	Gr, Eb, Rb, Ct	50		"	Mud, gravel	Loon Creek
Boulder Lakes (2)	20		Poor	Ct	100		Small	Rock	Boulder Cr.
Moran Lake	15		Good	Eb	100		Large	Mud	No drainage
Carpenter Lake	200		"	SS, Eb, Rb	60		"	Sand, mud	Carpenter Cr.
Glen Lake	200		"	Sockeye, Rb, S, Shiners	40		"	Gravel, mud	Tobacco Riv.
Loon Lake (near Fortine)	80		"	SS, Rb, Eb	100		"	Mud	"
Loon Lake (Pleasant Valley Fisher)	500		"	Rb, Ct, Eb, DV rough, warmwater	50		"	Mud, gravel	Pleasant Valley Fisher
Leon Lake	15		Fair	Rb, SS, Bass Rough fish.	50		Small	Sand	"
Horseshoe Lake	25		"	Sockeye, Rb, Squaw, Rough	50		"	Sand, gravel	"
Crystal Lake	60		Poor	Rb, SS Rough fish.	30		"	"	"
Lavon Lake	12		"	Rb, SS Rough fish.	100		"	"	"
Rainbow Lake	30		Good	Rb, SS	50		Med.	Mud, gravel	Pleasant Valley Fisher
Howard Lake	37		"	Ct, Rb	30		Large	Mud	Howard Cr.

Table 4b. Management data on lakes in the Kootenai drainage recommended for planting

Sheet 2 of 2

Name of lake	Acreage	Temperature degrees F.	Food condi- tion	Species fish present	Percent of area under 30 feet in depth	Percent of area over 100 feet in depth	Amount of vegetation present	Principal type of shore line; mud, gravel rock, etc.	Drains into
Leigh Lake	120		Poor	Rb	10		Small	Rock	Leigh Creek
Upper Cedar Lake	80		"	Rb, Ct	10		"	"	Cedar Creek
Lower Cedar Lake	25		Fair	Rb, Ct	30		Med.	Rock, mud	"
Bull Lake	1600		Good	Ct, Squaw, S, Bass, Rough, DV	30	25	Large	Mud, gravel	Lake Creek
Spar Lake	400		Fair	Rb, Eb	30	10	Med.	Rock, mud	Spar Creek
Grouse Lake	20		"	Eb	25		"	"	Lake Creek

Table 6a. Lakes in the Clark Fork of the Columbia drainage in which no planting is recommended

Sheet 1 of 2

Name of lake	Acreage	Species fish present	Reason for not planting				Other
			Too Undesirable warm fish present	Too shallow	Inadequate food	Needs investigation	
St. Paul Lake	15	?				x	
Moran Basin Lakes (2)	4	?				x	
Copper Lake	4	?				x	
Rock Lake	20	?				x	
Unnamed lakes on Rock Cr. Drainage (6)	30	?				x	
Upper Lakes (4)	12	Ct				x	
Wanless Lake	300	Ct				x	
Buck Lake	5	Ct					
Grouse Lake	5	None		x			Adequately stocked
Bear Lake	5	"		x			Too small
Marmot Lake	1	"					"
Rush Lake	1	"					"
Sylvan Lake	1	"					"
Imagine Lake	1	"					"
Carbine Lake	2	None		x			Inaccessible
Graves Lake	3	"					Planted in 1941
Goat Lakes (2)	10	Ct				x	
Deer Lake	2					x	
Duckhead Lake	10	Eb				x	
Honeymoon Lake	5	None				x	
Arrowhead Lake	15	Ct				x	"
Knowles Lake	1	None				x	"
Grass Lake	2	"		x			
Frog Lake	2	"		x			
Porcupine Lake	4			x			
Terrace Lake	3	Ct					Adequately stocked
Stony Lake	3	Ct					"
Crescent Lake	4	Ct					Overstocked
Twin Lakes	4	None		x			

Table 6a.

Lakes in the Clark Fork of the Columbia drainage in which no planting is recommended

Name of lake	Acreage	Species fish present	Reason for not planting				Other
			Too warm	Undesirable fish present	Too shallow	Inadequate food	Needs investigation
Unnamed Lake on Davis Cr.	2	Ct					
Cliff Lake	10	None			x		
Acorn Lake	2	?					
Blossom Lakes (2)	45	Eb, Ct					x
East Lake	2	None			x		"
Berry Lake	2	"			x		"
							Adequately stocked

Table 6b. Lakes in the Kootenai River drainage
in which no planting is recommended

Name of lake	Acreage	Species fish present	Reason for not planting				Needs investigation	Other
			Too warm	Undesirable fish present	Too shallow	Inadequate food		
Hidden Lake	15	?		x			x	
LaFoe Lake	10	?					x	Private lake Inaccessible
Slee Lake	15	?						
China Lake	5	?						
Sophie Lake	200	?					x	
Therriault Lake	35	?					x	
Fish Lakes (10)	40	?					x	
Martin Lake	20	Eb						
Murphy Lake	40	Squaw, S	x	x	x			Adequately stocked at present
Dickey Lake	800	" , Ct, "		x				
Dry Lake	10	?					x	
Holmes Lake	5	?						
Dudley Slough	10	?					x	
Mud Lake	15	?						
Marl Lake	50	?						
Barnaby Lake	20	?					x	
Island Lake	160	None					x	
Timber Lake	40	"						Alkali
Rock Lake	30	"						"
Lost Lake	20	"						"
Alkali Lake	25	None						"
Thirsty Lake	20	"						"
Othorpe Lake	15	"						"
B lack Lake	30	"						"
Green Lake	10	"						"
Mud Lake	20	"						"
Unnamed Lakes head of Cody Cr. (2)	4	Rb, Ct						Adequately stocked
Betts Lake	3	Eb						Private

Table 6b. Lakes in the Kootenai River drainage in which no planting is recommended

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Sheet 2 of 3

Name of lake	Acreage	Species fish present	Reason for not planting					Other
			Too warm fish present	Undesirable fish present	Too shallow	Inadequate food	Needs investigation	
Unnamed Lakes head of Sinclair Cr. (2)	8	None					x	Adequately stocked "
Bootjack Lake	5	Bass			x			
Lily Pad Lake	5	"			x			
Lynch Lake	80	None					x	
Island Lake	320	"					x	
Dahl Lake	400	"					x	
Miller Lake	40	Rb						Overstocked
Sylvan Lake	30	"						"
Upper Sylvan Lake	10	"						
Bear Lakes (2)	10	Ct					x	Adequately stocked
Upper Geiger Lake	10	Rb						"
Lower " "	40	Rb						"
Upper Bramlet Lake	10	Rb					x	"
Lower Bramlet Lake	10	Rb					x	"
Miller Lake	10	Ct						"
Ozette Lake	12	Ct						"
Standard Lake	30	Rb						"
Schrieber Lake	5	Eb					x	Private Lake
Lost Lake	40	"						
Libby Lakes (3)	30	Ct						Inaccessible
Ramsey Lake	5	Ct						"
Cherry Lake	5	None						"
Tahoka Lake	5	"						"
Martin Lake	5	"						"
Snowshoe Lakes (3)	10	Ct						"
Granite Lake	150	"						Overstocked
Wishbone Lake	10	None						Inaccessible
Double Lake	40	Eb						Adequately stocked

Table 6b. Lakes in the Kootenai River drainage
in which no planting is recommended

Sheet 3 of 3

Name of lake	Acreage	Species fish present	Reason for not planting					Needs investigation	Other
			Too warm	Undesirable fish present	Too shallow	Inadequate food			
Vimy Lake	4	None						x	Inaccessible
Klatawa Lake	60	?							Adequately stocked
Crater Lakes (3)	30	Ct							"
Osakis Lake	15	Rb							Overstocked
Hanging Valley L. (3)	150	"						x	
Sky Lakes or Owassa (2)	20	Golden Trout							
Flower Cr. Lake	8	Eb						x	Adequately stocked
Minor Lake	8	Ct						x	"
Parmenter Lake	10	Ct							
Schoolhouse Lake	15	Bass			x				
Miner Lake	40	"						x	
Savage Lake	160	"						x	
Little Spar Lake	20	Eb			x				Overstocked
Spruce Lake	20	None							

Table 7. Species of fishes and their distribution in the main streams and lakes in the Libby Hatchery District.

Stream or lake	Cutthroat	Rainbow	Eastern Brook	Dolly Varden	Grayling	Whitefish	Sockeye Salmon	Suckers	Squawfish	Bass	Perch	Sunfish	Catfish	Ling	Sturgeon	Shiners	Peamouth
Stream																	
Clark Fork of Columbia River	x	x	x	x		x	x	x	x	x							x
Bull River	x	x	x	x		x	x	x	x								
Kootenai River	x	x	x	x		x		x	x					x	x		x
Yaak River	x	x	x			x		x	x							x	
Lakes																	
Thompson Lakes	x	x						x	x	x	x	x					x
McGregor Lake	x							x	x								
Rainbow Lake		x						x		x			x				
Kilbrennen Lake			x														
Alvord Lake			x														
Loon Lake (Pipe Creek)	x	x	x		x												
Loon Lake (Pleasant Valley)	x	x	x	x				x	x	x							x
Glen Lake		x					x	x	x			x				x	x
Bull Lake (Troy)	x			x				x	x	x							
Spar Lake		x	x														
Native Species																	
Native Species	x			x		x		x	x					x	x		x
Introduced Species																	
Introduced Species		x	x		x		x			x	x	x	x			x	