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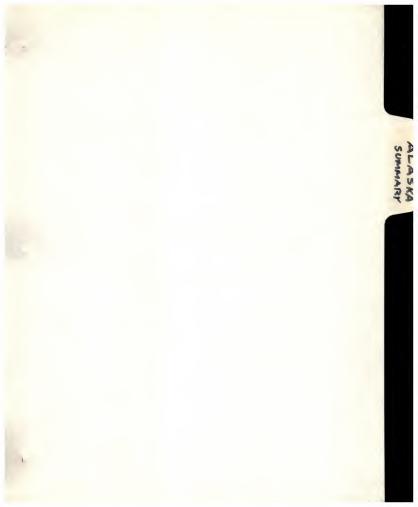


SUMMARY

BLM Library Denver Federal Center Bldg. 50, OC-521 P.O. Box 25047 Denver, CO 80225 1971 WILDLIFE REPORT: Visiter Days

5

STATE {	HUMING	FISHING	NON - CONSUMPTIVE	2
AK	1, 297,300	417,600	920,000	2,634,900
AZ	304,000	# 10,000	®314,000	628,000
СА	1,236,000 .	715,000	1,900,000	3,851,000
Co	535,060	85,300	45,000	665,300
, Id	212,700	252,000	250,800	715,500
MT *	220,400	234,000	20,000	474,400
NV	230,900	240,000	€ <sup>®</sup> 1,675,000	1,545,900
NM	235,000	225,000	1,020,000	( 1,480,00.
OR	785,900	1,501,100	1,948,500	4,235, 50
UT	378,500	56,000	39,200	473,701
WY	316,100	12,100	560,000	\$88,200
OTAL	5,435,700	3,736,000	7,632,500	15,158,300
	5,751,800	3,748,100	5,092,500	16,704,200
		970 Public Level St	to trates	17,592,401



-PTIONAL FORM NO. 10 MAY 182 EDITION SEAS PPAR (41 CPR) 101-11.6 UNITED STATES GOVERNMENT

# Memorandum



TO : Director

DATE: November 24, 1971

FROM : SD, Alaska

SUBJECT: Annual Wildlife Report

In reply refer to: 1165/6960 (930) Your reference: (360)

Attached is a copy of the Wildlife Annual Report for FY 74. The delay

in submitting the report was unavoidable.

Enclosures 3 Encl. 1 - Consolidated State Report w/Narrative Encl. 2 - Anchorage District Report Encl.(3 - Fairbanks District Report

RECEIVED BUREAU OF LAND MANAGEMENT COMMUNICATIONS UNIT.

NOV 29 1971 MM 7,5.9.10.11.12,12,3,4,5,6



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#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Alaska

Fiscal Year 1971

WILDLIFE ANNUAL REPORT GENERAL STATISTICS

ACRES (1,000's)		1.000*s)				
	1. HABITAT COND	DITION	SAT IS.	UNSATIS.	6. WILDLIFE SURVEYS	NUMBER
	Terrestrial (1) Big game		255 Million		a. Use, condition and trend (transects) 2/	40
	(2) Small game		255		b. Stream and lake	None
-	(3) Waterfowl		Million 57		7. HABITAT MANAGEMENT PLANS (Wildlife Species)	
_		NUMBER	Million		a. Terrestrial	None
).	Aquatic (1) Lakes		8,000,000		b. Aquatic	None
	(2) Reservoirs		None		8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
	(3) Stream (total m	iles)	50,000		a. Terrestrial	None
	2. TERRESTRIAL	LAND	ACRES	MILES	b. Aquatic	None
	TO PUBLIC ACO		HABITAT	STREAMS	9. HABITAT EXPENDITURES	DOLLARS
a.	Closure of private 1	lands	No est. a	vailable	a. Management	
ь.	Lack of physical a	ccess	250,000,0	00	b. Development	
-	Total	(a + b)		<b>x</b> .	c. Maintenance	-
	3. WATE	RFOWL USE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	
a.	Impoundments		None	2	10. RECREATION (State Offices complete)	VISITOR DAYS
ь.	Natural wetlands	<u>1</u> /	960,000	0,000	a. Hunting (1) Big game	243,400
	4. RARE AND ENDA SPECIES	ANGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	253,900
a.	Rare Glacier H	Bear	1	Unknown	(3) Waterfowl	800,000
ь.	Endangered Pere	egrine	1	Unknown	TOTAL (Hunting)	1,297,30
	5. WILDLIF	E PERSONN	EL	NUMBER	b. Fishing	417,60
a	Biologists (CSC wi	ildlife serie	s)	5	c. Nonconsumptive use	920,00
b. Coordinators (trained or untrained district coordinators)				None	11. COMMERCIAL HIG (Ibs. barvested)	134.275.

warks 1/ Estimate based on fall population of 8 million waterfowl, resident average
of 120 days/yr.

2/ Established on PD by ADF&G

AK

SPECIES		NUMBER		SPECIES			NUMBER	
UL D'OLDO	POPULATION	AMs	HARVEST	ST LOLLO		POPULATION	AMs	HARVEST
Antelope				SUBTOTA (con't)	L	577,600	1,660,800	30,480
Bear Brown	7,000		250	Elk				
Black	20,000		200	Moose		100,000	1,200,000	3,000
	20,000		200	Mountain Go	at	5,000	15,000	200
Buffalo	600	10,800	30	Mountain Li	on	5,000	15,000	200
Caribou	550,000	1,650,000	30,000	Peccary				
Deer Black Tail				Dall Bighorn She	ep	35,000	105,000	900
White Tail				Turkey				
Mule				Wolf		5,000		750
SUBTOTAL	577,600	1,660,80	30,480	GRAND TO:	FAL	722,600	2,980,800	35,330
			URECT HABIT (Washington O			NTS		
	4				T_		COST	
)	ITEM		UNIT OF WORK	UNITS COM- PLETED		BUREAU	CONT	RIBUTED
a. Wildlife food a (1) Prescribe	d burning		Acres	-			-	/
	spraying, chain	ing	Acres					
(3) Seeding a			Acues	·	_			
(4) Waterfowl (5) Fencing	marsh		Acres Miles		-			
	vater developm	ente	Number					
<ul> <li>b. Fishing stream (1) Channel s</li> </ul>	ms	ents	Number					
(2) Barrier re			Number					
(3) Spawning			Rods					
<ul><li>(4) Bank stab</li><li>(5) Fencing</li></ul>	oilization		Rods		-			
(6) Rough fis	h		Miles		-			
			Miles					
<ul> <li>c. Fishing lakes</li> <li>(1) Aquatic p</li> </ul>		5	Acres					
(2) Rough fis	h removal		Acres		<u>†</u>			
(3) New fishi			Acres					
(4) Minimum			Acre Ft.					
	areas, shelter	s, etc.	Number					
(6) Fencing			Miles		L			
				TOTAL				

12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

GPO 859 - 492

111

#### CONSOLIDATED NARRATIVE REPORT FISCAL YEAR 1971

#### A. Habitat Management

Wildlife activities continue to be focused on inventory and planning within the planning system (URA & MFP). Action centered primarily on the White Mountain, Wrangell Mountain, and Iliamna Planning Units. Pipeline biologists continued their inventory of fish and wildlife resource.

#### B. Animal Damage

Animal damage problems are minor on public lands in Alaska. A minor wolf and fox control program was conducted in FY 71 on the reindeer ranges on the Seward Peninsula. The control program is jointly financed by the BIA and BSF&W. This is a low-key control program employing only nonchemical methods of control. Most of the control is through aerial gunning.

#### C. Wildlife Statistics

Lack of physical access involving an estimated 250 million acres is based on the limited road network. Aircraft use for sport hunting and fishing is common, which affords access to a much broader area of the public lands.

Four species of wildlife on the rare and endangered list are found on the public lands in Alaska. Included are the wolf, grizzly bear, glacier bear and peregrine falcon. Only the glacier bear and peregrine falcon are considered as rare or endangered in Alaska.

Five biologists were employed by BLM in Alaska in FY 71. The positions are distributed as follows: One State Office wildlife biologist; one Fairbanks District wildlife biologist; two wildlife specialists in anchorage District; and one fisheries biologist in the Pipeline Division.

Statistical data on recreational use of the public lands is based on license data furnished by the Alaska Department of Fish and Game. In calendar year 1970, 67,974 hunting licenses and 113,394 fishing licenses were sold.

Big game hunting estimates are based on hunting license sales plus an additional 10 percent of total sales to account for unlicensed big game hunters (under 16 years of age).

Recreational use in small game hunting is based on total license sales plus an additional 20 percent to account for unlicensed hunters.

Only one license need be purchased for both big game and small game hunting. All hunting license holders are assumed to have participated in both big game and small game hunting. The public lands in Alaska are assumed to have absorbed 75 percent of all hunting effort in both big game and small game hunting. We continue to use average hunting days for big and small game hunting developed by Buckley. 1/2 Assumed use is 4.34 days of big game hunting and 4.15 days in small game hunting.

Waterfowl visitor days were calculated on an estimated fall flight of 8 million birds. It is assumed that 20 percent of the fall flight was harvested (1.6 million birds) and that it took an average one-half day of use to harvest one bird.

Fishing visitor days were calculated on the basis that unlicensed fishermen (under age 16) added an additional factor of 50 percent of all licensed fishermen. Fishermen spent an average of 9.82 days fishing.<sup>1</sup> but only 25 percent of this effort is estimated to have occurred on public lands because of limited road access.

The figures reported reflect a <u>15 percent</u> increase in hunting and fishing visitor days (except for waterfow1) over the last reported figures, based on actual license sales data. Accordingly, nonconsumptive use estimates were increased by 15 percent under the assumption that nonconsumptive use would grow at least as fast as consumptive uses. The figure entered is strictly a wild estimate and should be considered as such.

The commercial fish catch reported is based on actual catch statistics for calendar year 1970 published by the Alaska Department of Fish and Game. It should be noted that the estimated catch attributed to the public domain is <u>almost double</u> the figure contained in the previous report. Basic assumptions were the same in developing the estimates for both reports. The commercial fish catch estimates are considered fairly accurate and reliable.

#### D. Other Problems

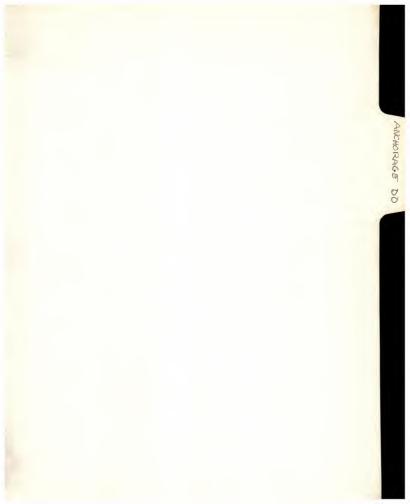
All the wildlife biologists in Alaska devote only part time to the wildlife activity. Other shared responsibilities include range, soil and watershed, and in one case lands. Productivity is suffering because of the constant shifting from one activity to the other to handle priority items.

<sup>1/</sup> Buckley, John L., "Wildlife in the Economy of Alaska," Biological Papers of the University of Alaska, No. 1 (Revised), December 1957, 33 pp., illus.

Of increasing concern is the lack of fisheries biologists on either the regular State Office or District Office staffs. One full-time fisheries biologist is employed on the Fipeline Division staff, but his responsibilities in pipeline connected work absorb his efforts full time. The public domain contributed an estimated 50 percent of the total commercial salmon catch in CY 70. We need staff technical expertise in fisheries at both the State and District office level to give this resource the attention it desarves.

#### E. Training

The wildlife activity funded the attendance of two individuals to the Wildlife and Conservation Short Course, a one-week training session sponsored by the University of Alaska.



Fo	rm 6500-1 y 1970) semeriy 6960-1)	DEPARTME BUREAU O WILDLIF	NITED STAT ENT OF THE F LAND MAI E ANNUAL RAL STATI	NAGEMENT ASC 16 REPORT	1 20, MH 71	Office Anchorage Fiscal Year 1971	
-	1. HABITAT CON	DITION	ACRES (	1,000's)	the spectrum water of the best of the second	E SURVEYS	NUMBER
a.	Terrestrial (1) Big game	1/	90 million	UNDATED.	a. Use, condition an	d trend (transects)	40
_	(2) Small game		same			IAGEMENT PLANS le Species)	-
_	(3) Waterfowl		30 million		a. Terrestrial	e species)	-
Ъ.	Aquatic (1) Lakes	NUMBER	No esti	mate	b. Aquatic	-	-
-	(2) Reservoirs		н	н		OPMENT PROJECTS	
-	(3) Stream (total n	niles)	н	н	a. Terrestrial		-
	2. TERRESTRIA	BLOCKED	ACRES OF	MILES	b. Aquatic		-
	TO PUBLIC AC	-CE35	HABITAT	STREAMS	9. HABITAT	EXPENDITURES	DOLLARS
α.	Closure of private	lands	No esti	mate	a. Management		-
ь.	Lack of physical a	access	п	н	b. Development		
-	TOTA	L (a + b)		11	c. Maintenance		-
-	3. WATE	ERFOWL USE	BIRD	DAYS	TOTAL (Habita	at Expenditures)	-
a	Impoundments				10. REC (State Offi	CREATION ces complete)	VISITOR DAYS
b	Natural wetlands		456 mil	lion	a. Hunting		
	4. RARE AND END SPECIES	ANGERED	NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game		
a	Rare				(3) Waterfowl		
ь	. Endangered	2/	1			TOTAL (Hunting)	
-	5. WILDLI	FE PERSONN	ĒL	NUMBER	b. Fishing		
8	. Biologists (CSC 1	vildlife serie	s)		c. Nonconsumptive	use	
b	. Coordinators (trai distr	ned or u::'rain rict coordinat			11. COMMERCIAL F	ISHING (lbs. barvested)	
	Jarks						

1/ Data not available to properly evaluate whether satisfactory or unsatisfactory. 2/ Peregrine falcon - No acreage estimate.

61 .

SPECIES		NUMBER		SPECIES		NUMBER			
ST ECIES	POPULATION	AMs	HARVEST	or Echilo	POPULATION	AMs	HARVES		
				SUBTOTAL					
Antelope				(con't)					
Bear Brown				Elk					
BIOWI				Moose					
Black									
Buffalo	-			Mountain Goat					
Bullalo		91		Mountain Lion					
Caribou									
Deer			1	Peccary					
Black Tail			· ·	Bighorn Sheep					
Diuck Tuil		Sc	1 12	Bignorn Sneep					
White Tail		- 		Turkey					
Mule			_	Wolf					
mule				WOIT	_				
SUBTOTAL				GRAND TOTA	L				
		13.		TAT IMPROVEM					
			(Washington O	ffice Completes	)				
	ł		UNIT	UNITS		COST			
	ITEM	15.24	OF WORK	COM- PLETED	BUREAU	co	NTRIBUTED		
						-			
a. Wildlife food									
(1) Prescribe			Acres	None			. /		
	spraying, chain	ing	Acres						
(3) Seeding a			Acres	· · · · ·					
(4) Waterfow	l marsh		Acres	· · · · · · · · · · · · · · · · · · ·					
(5) Fencing			Miles						
(b) Wildlife v	water developme	ents	Number						
b. Fishing strea		10 D = -	147	1			~		
(1) Channel	structures		Number						
(2) Barrier re		1.	Number	· · · · · · · · · · · · · · · · · · ·					
(3) Spawning			Rods						
- (4) Bank sta			Rods						
(5) Fencing	bilibution	- 1	Miles						
(6) Rough fis	sh removal		Miles						
c. Fishing lakes									
(1) Aquatic p			Acres						
(2) Rough fis	sh removal		Acres						
(3) New fish	ing lakes		Acres						
	pools of water		Acre Ft.						
	g areas, shelter	s, etc.	Number						
(0) = 1			Miles						
(6) Fencing			1 marco						

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#### 12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

GPO 859 - 4

Wildlife Annual Report FY 1971 AUG 15 1 20 FII '71

ANCHURAGE ALASKA

#### Narrative

A. Habitat Management

Major input was toward completion of the Wrangell Mountains MFP and Iliamna URA.

B. Animal Damage

None

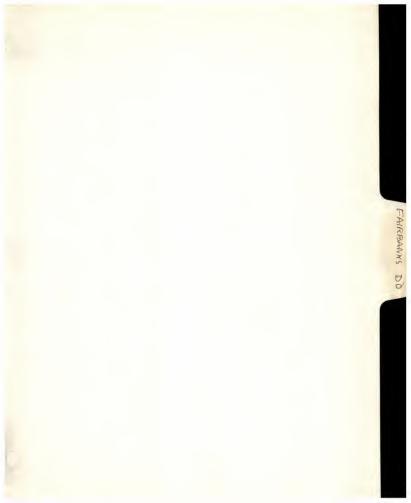
C. Wildlife Statistics

Condition - trend studies shown under 6(a) are being done by Alaska Dept. of Fish and Game.

D. Other Problems

Same as last year

- E. Jobs Completed
  - -- Wrangell Mountains MFP.
  - -- Illiamna URA
  - -- Extensive habitat inventory Kuskokwim River (Stony River-McGrath)
  - -- Wildlife Training, U of A Wildlife Biologist, Glennallen
  - -- Wildlife Workshop Wildlife Specialist, District



Form 6500-1 ly 1970) ormerly 6960-1)

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#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT WILDLIFE ANNUAL REPORT

Office

Fairbanks

Fiscal Year

#### 1971

GENE	RAL STATI			1971	
1. HABITAT CONDITION	ACRES (		6. WILDLIF	E SURVEYS	NUMBER
	SAT IS.	UNSATIS			
. Terrestrial <u>1</u> / (1) Big game	165 m	illion	a. Use, condition and	trend (transects)	None
(2) Small game 1?	165 m	illion	b. Stream and lake		None
(3) Waterfowl		illion	7. HABITAT MAN (Wildlife	AGEMENT PLANS Species)	
NUMBER	27 1	1111011	a. Terrestrial		None
Aquatic <u>1</u> / (1) Lakes	Unknown	Únknówn	b. Aquatic		None
(2) Reservoirs	None	None	8. HABITAT DEVEL (Completed	OPMENT PROJECTS or contracted)	
(3) Stream (total miles) <u>1</u> /	25,000		a. Terrestrial		None
2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED	ACRES	MILES	b. Aquatic		None
TO PUBLIC ACCESS	OF HABITAT	OF STREAMS	9. HABITAT EXPENDITURES		DOLLAR
. Closure of private lands		200	a. Management		7,300
. Lack of physical access	172 mi	llion	b. Development		
TOTAL (a + b)	172 mill:	on 200	c. Maintenance		
3. WATERFOWL USE	BIRD	-DAYS	TOTAL (Habita	t Expenditures)	7,300
a. Impoundments	None	None	10. REC (State O//ic	REATION es complete)	VISITO
o. Natural wetlands			a. Hunting (1) Big game		
4. RARE AND ENDANGERED SPECIES	NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game		
a. Rare 2/	2	165 mill	on (3) Waterfowl		
b. Endangered <u>3</u> /	1	165 mill		<b>COTAL</b> (Hunting)	
5. WILDLIFE PERSONN	EL	NUMBER	b. Fishing		
a. Biologists (CSC wildlife serie	s)		c. Nonconsumptive	use	
b. Coordinators (trained or untrai district coordinat			11. COMMERCIAL F	ISHING (lbs. barvested)	

Includes grizzly bear and peregrine falcon  $\frac{2}{3}$  Includes grizzly beau 3/ Includes timber wolf

	1	NUMBER		1	1	NUMBER			
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMa	HARVEST		
Antelope				SUBTOTAL (con't)					
Bear Brown				Elk					
Black			-	Moose					
Buffalo	++	1		Mountain Goa	ıt				
Caribou	-			Mountain Lio	n				
	479,000			Peccary					
Deer Black Tail				Bighorn Shee	•				
White Tail				Turkey					
Mule				Wolf			1.00		
SUBTOTAL			_	GRAND TOT	AL	1			
		13.		TAT IMPROVE					
	ł		UNIT	UNITS		COST			
- 3	ITEM		OF WORK	COM- PLETED	BUREAU	co	DNTRIBUTED		
<ul> <li>a. Wildlife food</li> <li>(1) Prescribe</li> </ul>	ed burning		Acres	None			· +		
	spraying, chaining	ng	Acres	None					
	and planting		Actes	none *					
(4) Waterfow (5) Fencing	1 marsh		Acres Miles	None					
	water developme	ate	Number	None					
b. Fishing strea (1) Channel	ms		Number				·		
(2) Barrier re			Number	None					
(3) Spawning			Rods	None					
(4) Bank sta	bilization		Rods	None					
(5) Fencing	211		Miles	None			- restant and another		
(6) Rough fis	sh removal		Miles	None					
<ul> <li>c. Fishing lakes</li> <li>(1) Aquatic p</li> </ul>			Acres	None					
(2) Rough fis	sh removal		Acres	None					
(3) New fish	ing lakes		Acres	None		-			
	pools of water		Acre Ft.	None					
	areas, shelters	etc.	Number	None					
(6) Fencing			Miles	None					
				TOTAL					

GPO 859 - 492

## SEP 1 4 1971

# SEP 15 10 05 31 F.Y. 1971 WILDLIFE ANNUAL REPORT

#### A. Habitat Management

One URA and MFP was completed for the White Mountain Planning Unit. Inventory information was gathered for writing of 40-Mile URA and MFP in FY-72.

#### B. Animal Damage

No significant animal damage problems relating to public land resources have occurred during the reporting year. Predator control activities within the District remain small and limited primarily to wolf control on reindeer ranges. Occasionally, a problem grizzly bear is eliminated which is killing reindeer but these incidents are rare.

#### C. Wildlife Statistics

Lack of physical access 2(b) involving 172 million acres (80% of terrestial, and aquatic habitat) is based upon the average individual who is restricted to the limited road system and rivers adjacent roads. Aircraft travel would appear to be high but considering the large acreages involved. limited air strips, high flying costs, etc., air travel access for the average individual is low.

Rare species listed under 4(a) includes the grizzly bear and perigrene falcon. No habitat acreage information is available for the perigrene falcon and grizzly.

#### D. Wildlife Personnel

One District Wildlife Specialist. One-week conservation short course was attended by two District personnel in Spring 1971.

#### E. Other Problems

Throughout the District road system, access problems exist along approximately 200 miles (posted private property). Potential for future access problems exists along the entire road system. Access corridors across state selected lands should be identified and preserved now to ensure future access to public domain lands. As significant fish and wildlife areas are identified for recreational purposes, the State Division of Lands, Department of Natural Resources should be made aware of potential public access problems for their planning purposes.

The District wildlife program continues to move slowly due to other activities (1520, 1260, 1220 and fire fighting duties) demanding the time of the District Wildlife Specialist. Due to the rapid pace with which Alaska is growing and changing, it is imperative that greater input be directed to 1285 activities to ensure protection and sound management of the wildlife resources.

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# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

State Office 3022 Federal Building Phoenix, Arizona 85025

6960 (930 : 360 Your Re:

IN REPLY REE

6Z

October 20, 1971

Memo randum

To : Director

From : State Director, Arizona

Subject: Wildlife Annual Report

This is to transmit our Annual Wildlife Report for 1971 and the General Statistics, Form 6500-1 for F.Y. 1970.

In E. Collins

Acting

RECEIV BUREAU OF LAND MANAGEMENT BUREAU OF LAND MANAGEMENT OCT 23 1971 AM 718-918-11-1213141516 69

#### ANNUAL WILDLIFE REPORT

#### ARIZONA 1971

#### Habitat Management

Wildlife habitat on public domain in Arizona continues to show evidence of decline. Excessive use by domestic livestock and the potential loss of additional lands in satisfaction of State lieu selection rights reduce the opportunity for maintenance of productive wildlife habitat. Newspaper articles have recognized the severity of drought throughout the State during the past year. One District Manager strongly considered the necessity for a full district closure to livestock grazing because of severe drought conditions. Unfortunately, a closure could not be effected because of the potential hardship to individual permittees and the indvertent delay of Bureau interpretation of range conditions to effect a plan of action.

Excessive use by livestock has also been noted in portions of the Kofa Game Range, an area where only forage in excess of wildlife needs is to be utilized by livestock. The previous practice of licensing the allotment as a whole without differential between the Kofa Game Range and the remainder of the allotment outside of the Range has been terminated. Current licensing provides for a limit of use within the Kofa Game Range separate from the remainder of the allotment.

Conflicts have also been recognized with the ephemeral range policy which applies to desert lands within the State. Lands classified as ephemeral frequently are traversed by desert washes where the more luxuriant perennial vegetation is apt to occur. These washes are of prime importance for wildlife. Excessive use by livestock of ephemeral plants provides no assurance that perennials will be protected once the ephemeral range has become desiccated. Livestock are seldom removed from desert ranges on a schedule consistent with the loss of annual forage from use or continuation of the drought. The ephemeral range policy is being reviewed by State and District office personnel to determine what measures must be taken to further assure protection of important wildlife values in desert regions.

During the fiscal year an antelope was collected in the vicinity of Havasu Gity on public domain lands in order that a taxonomical determination could be made. Identification of the animal revealed it to be the sub-species <u>Antilocapra americana mexicana</u> not previously known to occur within the State. Population numbers within the vicinity of Havasu City are estimated to be approximately 20 animals. The importance of public domain within this region to provide habitat for this species is clear. The mexicana sub-species has not been classified by the Department of the Interior as endangered. It is reasonable to assume that in time, as evidence is presented to the Department, this species will be given an endangered status. The State Land Department has applied for lands within the area utilized by this sub-species. Meetings have been held between the Bureau of Land Management, the State Land Department and the Arizona Game & Fish Department in an effort to resolve this conflict. It is conceivable that the State's lieu selection will be modified to allow continued Federal ownership of portions of the region utilized by the mexican antelope. It is evident that protective measures will be difficult to accomplish where the habitat lies adjacent to a burgeoning modern city. The desert region lying north of the Bill Williams River and south of Havasu City has important values which may justify additional measures by the Bureau to assure its continued maintenance.

Cooperation has continued with the Bureau of Sport Fisheries & Wildlife and the Arizona Game & Fish Department in attempts to reintroduce the Masked bobwhite to southern Arizona. Additional birds were released in a cooperative area in June 1971. Approximately 600 acres of habitat have been provided for this purpose and a cooperative plan of management developed with the permittee.

Cooperative construction of water developments on public domain for the benefit of big game species has continued. In the Arizona Strip six additional catchments contemplated for completion in 1970 were completed during the fiscal year. Nine big game water catchments were also constructed in the Phoenix District which will improve habitat important to mule deer and bighorn sheep.

An extensive wildlife inventory has been completed in the Safford District. Other districts have been unable to accomplish wildlife habitat management plans because of additional duties and changes in personnel which allowed for only priority effort.

A joint effort to identify important wildlife habitat areas along the Colorado River associated with the jurisdiction of the Bureau of Land Management was completed during the fiscal year. Personnel from the California Department of Fish & Game and the Arizona Game & Fish Department assisted in this initial identification effort. The completed maps have been forwarded to all participants in order that further revision and updating may occur as additional knowledge becomes available.

#### Animal Damage

The lack of clarification and identified difference in operational procedure between the Bureau and the Bureau of Sport Fisheries & Wildlife prevented use of 1080 on public domain during the fiscal year. Normally three regional meetings with affected agencies, State and Federal, are held in late fall in order to finalize the animal control program. Only one meeting was held and no agreement was reached between participants at that time. The Bureau of Land Management's position not to request control, but only to review requests received from permittees and the Game & Fish Department, was in conflict with directives received by personnel of the Bureau of Sport Fisheries & Wildlife. Animal control in satisfaction of individual requests to correct specific predation problems were authorized where justification appeared adequate. The documentation procedure previously established within the State has continued. All animal control work accomplished on public domain is documented to identify review by the Arizona Game & Fish Department, the Bureau of Sport Fisheries & Wildlife, as well as the district manager.

Changes in statistics have occurred during the fiscal year from those previously provided. In part this has resulted from improved knowledge of the wildlife resources on public domain and in part because of other circumstances not under Bureau control. The loss of lands to the State of Arizona through the selection program in part has effected a change. The assignment of the Upper San Simon Cienega and all of the Mexican Duck project to the Las Cruces District by agreement has effected a change.

Recreation data (Item 10) reflects the basic interpolation procedure previously utilized in modifying harvest statistics compiled by the Arizona Game & Fish Department as necessary to apply to public domain. The interpolation could be further qualified as additional information becomes available within each game management unit to further clarify the relationship or percentage of public ownership within a unit to a more exact analysis of important wildlife habitat within the unit.

#### Wildlife Personnel

Two districts have qualified wildlife biologists. A trained natural resource specialist with wildlife training is also available in the third district. Additional funds could be utilized effectively within the state to assure adequate man months are available to effectively initiate habitat management plans. In the event the man month limitation is not increased, a re-allocation will be required to provide additional emphasis in the Arizona Strip where substantial wildlife benefit can be realized through management and vegetative measures.

#### Other

A general plan providing for management of Mittry Lake by the Arizona Game & Fish Department as a measure to mitigate loss of wildlife habitat along the Colorado River because of channelization has been approved by the respective agencies and is available for signature by the Secretary of the Interior. A Memorandum of Understanding providing for future management of the area has been developed but approval has been delayed

3

by Bureau of Reclamation review. No mitigation measures for wildlife values lost along the Colorado River have been previously authorized. Future management plans by the State for this important wildlife area assure that wildlife will benefit from a management program which is consistent with the Coordination Act of 1958.

Currently identified rare or endangered species of wildlife which occur on public domain within the State are as follow:

		Endan- gered	Rare	Undeter- mined
Mexican Antelope	Antilocapra americana mexicana			x
Sonoran Antelope	Antilocapra americana	х		
Spotted Bat	Euderma maculatum		х	
Tule White Fronted Goose	Anser albifrons gambelli	х		
Mexican Duck	Anas diazi	X		
Bald Eagle	Haliaeetus leucocephalus	х		
Prairie Falcon	Falco mexicanus		х	
American Peregrine	Falco peregrinus anatum	х		
Masked Bobwhite Yuma Clapper Rail	Colinus virginianus ridgwayi Rallus longirostris	<u>    x</u>		
	yumanensis	х		
Greater Sandhill Crane	Grus canadensis tabida	x		
-				
Apache Trout	Salmo sp.	X		
Humpback Chub	Gila cypha	X X		
Little Colorado Spinedace	Lepidomeda vittata	x		
Colorado River Squawfish	Ptychocheilus lucius	x		
Tila Topminnow	Poeciliopsis occidentalis	x		
Loach Minnow	<u>Tiaroga cobitis</u> Meda fulgida	X		
Spikedace	neua Iuigiua	A		

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#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

ARIZONA STATE OFFICE

1970

Fiscal Year

WILDLIFE AN	NUAL	REPORT
GENERAL	STAT	ISTICS

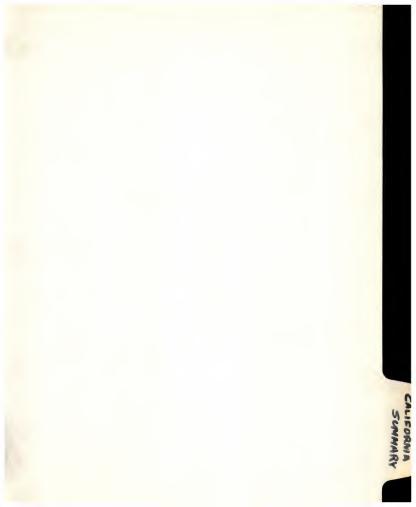
GENI	ERAL STATI	STICS	[19]	
1. HABITAT CONDITION	ACRES		6. WILDLIFE SURVEYS	NUMBER
1. HAGITAT CONDITION	SATIS.	UNSATIS.		
a. Terrestrial (1) Big game	2250	4390	a. Use, condition and trend ( <i>transects</i> )	-
(2) Small game	3728	4592	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	E
(3) Waterfowl (acres)	416	-	a. Terrestrial	_
b. Aquatic (1) Lakes 3	.059	-	b. Aquatic	-
(2) Reservoirs 1/ 2	26.2	-	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
(3) Stream (total miles) 1/	106	104	a. Terrestrial	15
2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED	ACRES	MILES	b. Aquatic	-
TO PUBLIC ACCESS BY	OF HABITAT	STREAMS	9. HABITAT EXPENDITURES	DOLLARS
a. Closure of private lands	102,000	-	a. Management .	22,000
b. Lack of physical access	91,000	25	b. Development	52,900
TOTAL (a + b)	193,000	25	c. Maintenance (BLM construction)	(13900)
3. WATERFOWL USE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	74,900
a. Impoundments (1367) 2/	69	,000 -	10. RECREATION (State Offices complete)	VISITOR DAYS
b. Natural wetlands		-	a. Hunting Theorem Inform	64,131
4. RARE AND ENDANGERED SPECIES	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	239,876
a. Rare	2	-	(3) Waterfowl	
b. Endangered	15	-	. TOTAL (Hunting)	-
5. WILDLIFE PERSONN	IEL	NUMBER	b. Fishing	-
a. Biologists (CSC wildlife serie	2s)	3	c. Nonconsumptive use	<b>_</b> C
b. Coordinators (trained or u::'ra district coordina		-1	11. COMMERCIAL FISHING (lbs. harvested)	<u>'477</u>
arks 1/ Includes com		rom LCR C	Office. Stream totals of 56 and 2	1 miles

are respectively satisfactory and unsatisfactory.

2/ Consist mostly of stock tanks where water supply is not dependable.

17	12. WIL		JLATIONS AN	D HARVEST FRO	PUBLIC LA		•		
SPECIES		NUMBER		SPECIES		NUMBER			
	POPULATION	AMs	HARVEST	ST LCLLS	POPULATION	AMs	HARVEST		
Antelope	265	300	-	SUBTOTAL (con't)	34,965	160,300	2,752		
Bear Brown			5	Elk	35	150	0		
Black				Moose			-		
Buffalo				Mountain Goat			-		
Caribou		-		Mountain Lion			-		
Deer				Peccary	4,000		701		
Black Tail				Bighorn Sheep	2,500	10,000	39		
White Tail	2,100	10,000	129	Turkey	200				
Mule	32,600	150,000	2,623	Wolf			1		
SUBTOTAL	34,965	160,300	2,752	GRAND TOTAL	41,700	170,450	3,492		
				AT IMPROVEME	NTS				
		T	wasnington U	(fice Completes)		COST	1911		
	ITEM		UNIT OF - WORK	UNITS COM- PLETED	BUREAU		RIBUTED		
a. Wildlife food (1) Prescribe			Acres				1		
(2) Release s	spraying, chain	ing	Acres						
(3) Seeding a		*	Acres						
(4) Waterfowl	marsh	1	Acres						
(5) Fencing			Miles						
(6) Wildlife w	vater.developm	ents	Number						
<ul> <li>Fishing strea (1) Channel s</li> </ul>		• • •	 Number				-		
(2) Barrier re	moval		Number						
(3) Spawning	areas		Rods						
(4) Bank stat	bilization	a black	Rods						
(5) Fencing			Miles				-		
(6) Rough fis	h removal		Miles						
<ul> <li>c. Fishing lakes</li> <li>(1) Aquatic p</li> </ul>			Acres				-		
(2) Rough fis	h removal		Acres						
(3) New fishi			Acres						
	pools of water		Acre Ft.						
	areas, shelters	s, etc.	Number						
6) Fencing			Miles						
				TOTAL			19-1		

GPO 859 - 492





# United States Department of the Interior

IN REPLY REFER TO: 04930-C.03e 6501

BUREAU OF LAND MANAGEMENT STATE OFFICE 2800 Cottage Way - Room E-2841

Memorandu		AUG 3 1 1971
To:	Director (360)	
From:	State Director, Californ	ia
Subject:	Annual Wildlife Report -	FY 1971

Attached is a copy of the California consolidated report and narrative plus a copy of each district's report. Also attached is a copy of Form 6500-1 for the Nevada portion of the Susanville District.

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Attachments

#### Wildlife Annual Report FY 1971 Narrative

#### Habitat Management

Major effort continued on inventory and planning for URAs and MFPs. There were several cooperative projects with the California Department of Fish and Game. These included seedings, plantings, exclosures, and water development. The Trinity deer mitigation project (Bureau of Reclamation reimbursable) continued in the Redding District.

Two projects in the Bakersfield District concerned endangered pupfish. One of these was a fencing project to protect a new transplant of the Devil's Hole pupfish in the Saline Valley. The other was a fence and barrier dam for the Ovens River pupfish. This was in cooperation with CDFG and with a \$1,000 contribution from the John Muir Institute. In the Riverside District a fence was constructed around a small spring pond in which the endangered Mohave Chub was planted.

A range survey was conducted in the Owens Valley to provide information for management of livestock and basic vegetative type mapping in the rare tule elk range.

#### Animal Damage

Cooperative work continues with BSFW and CDFG. BSFW have dropped the use of 1080 in California for the FY 1972.

#### Wildlife Statistics

District work continues on refining these data. Completion of URA's has helped here.

#### Other Problems

Present and potential conflicts with off-road vehicle use continues. BLM needs enforcement authority, money and manpower to manage this use.

#### Rare and endangered Species

A summary of these is as follows:

Rare	Acres	District
Tule elk Penninsula Bighorn Greater Sandhill Crane	62,400 130,000 200	Bakersfield and Ukiah Riverside Susanville (essentially on private land)
Limestone salamander Prairie Falcon	Unknown 456,000	Folsom Susanville (and possibly other districts)
California Black Rail	Unknown 648,600 or 65	Riverside 50,000 rounded

Endangered	Acres	District
San Joaquin kit fox Condor Blunt Nosed Leopard Lizard Southern Bald Eagle Peregrine Falcon Black or Inyo Toad Ovens River Pupfish Devil's Hole Pupfish Tecopa Pupfish -Mohave Chub - Colorado River Squawfish - Yuma Clapper Rail	142,000 325,000 50,000 	Bakersfield and Folsom Bakersfield and Folsom Folsom and Bakersfield but acreage unknown Possibly all districts Bakersfield Bakersfield Bakersfield Riverside Riverside Riverside 520,000 rounded
	510,500 01	

Contributed wildlife funds (deposited and undeposited) for Cooperative habitat development projects

DISTRICT	AMOUNT	TOTAL	SOURCE
Bakersfield	\$ 2,000 <u>300</u>	- \$ 2,300	CDFG Kern County
Susanville	\$ 1,233 <u>110</u>	\$ 1,343	CDFG development CDFG maintenance
Redding	\$ 11,000	\$ 11,000	Bureau Reclamation reimbursable
Folsom	\$ 2,500 <u>1,600</u>	\$ 4,100	CDFG Sportsmen's Club
Ukiah	\$ 1,100	\$ 1,100	CDFC - also \$5,822 from California Wildlife Conservation Board for access road.
Riverside	\$ 600 TOTAL	\$ <u>600</u> \$ 20,443	- CDFG

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Office

California 1/

## Fiscal Year 1971

#### WILDLIFE ANNUAL REPORT GENERAL STATISTICS

	GENE	RAL STAT	51105		
1. HABITAT COND	ITION	ACRES (	1,000's)	6. WILDLIFE SURVEYS	NUMBER
Terrestrial (1) Big game		1792	1993	a. Use, condition and trend (transects)	79
		4097	1699	b. Stream and lake	8
(2) Small game		4097	1699	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	-
(3) Waterfowl		10	54	a. Terrestrial	5
o. Aquatic	NUMBER				
(1) Lakes	11	11	78	b. Aquatic	0
(2) Reservoirs	260	16	6	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	1. A. A. A.
(3) Stream (total mi	les)	234	191	a. Terrestrial	10
2. TERRESTRIAL	AND	ACRES	MILES	b. Aquatic .	
TO PUBLIC ACC	ESS	OF HABITAT	OF STREAMS	9. HABITAT EXPENDITURES	DOLLARS
Jusure of private lands		838,000	- 186	a. Management	85,404
b. Lack of physical access		1,082,000	32	b. Development	22,112
TOTAL (a + b)		1,920,000	218	c. Maintenance	.160
3. WATER	RFOWL USE	BIRD-DAYS		TOTAL (Habitat Expenditures)	107,676
a. Impoundments		238	3,000	10. RECREATION (State Offices complete)	VISITOR DAYS
b. Natural wetlands		840,000		a. Hunting (1) Big game	213,000
4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	1,010,000
a. Rare		6	650,000	(3) Waterfowl	13,000
b. Endangered		12	520,000	TOTAL (Hunting)	1,236,000
S. WILDLIF	E PERSONN	EL	NUMBER	b. Fishing	715,000
a. Biologists (CSC wi	ldlife serie	s)	3	c. Nonconsumptive use	1,900,000
b. Coordinators (train	ed or u::'rai ct coordina		3	11. COMMERCIAL FISHING (Ibs. harvested)	10,000

Re

This does not include California portion of the Carson City District. 1/

Details in narrative 2/

	NUMBER					
POPULATION	AMa	HARVEST	SPECIES	POPULATION	AMS	HARVES
2,800			SUBTOTAL (con't)	214,700	1,009,900	6,36
			Elk	400	1,100	
000	8 800	45	Moose			
500	0,000	45	Mountain Goat			
			Mountain Lion Wild	200	2,300	1
++			RRRRRBoar	100	1,200	1
96,000	625,000	2,350	Bighorn Sheep	2,400	25,000	-
			Turkey	500	4,800	-
115,000	365,000	3,800	Wolf			
214,700	1.009.900	6,365	GRAND TOTA	L 218,300	1,044,300	6,38
ITEM		UNIT	UNITS		COST	
II.C.M		WORK	PLETED	BUREAU	CON	TRIBUTED
		Acres				
spraying, chain	ing	Acres				
		Acres				
l marsh		Acres				
vater developme	ents	Number				
		Number				
		Number				
bilization						
(5) Fencing (6) Rough fish removal						
		1				
	5	Acres				
		Acres				
		Acres				
; areas, shelter	s, etc.	Miles	I			
	900 900 96,000 115,000 214,700 214,700 214,700 ITEM and cover 4 burning spraying, chain ind planting I marsh water development spraying, chain ind planting I marsh water development spraying, chain ind planting I marsh water development spraying, chain ind planting I marsh water development spraying, chain ind planting I marsh water development sh removal sh removal sh removal sh removal sh removal sh removal sh removal sh removal sh removal	900 8,800 96,000 625,000 115,000 365,000 214,700 1,009,900 13. D (/ ITEM and cover ed burning spraying, chaining und planting in marsh water developments structures smoval areas bilization sh removal s and reservoirs plant control sh removal ing lakes	900 8,800 45 96,000 625,000 2,350 115,000 365,000 3,800 214,700 1,009,900 6,365 13. DIRECT HABI (Washington O ITEM Quite Structures spraying, chaining Acres spraying A	2,800     11,100     170     (con't)       2,800     11,100     170     (con't)       Elk     Moose       900     8,800     45       900     8,800     45       Mountain Lon     Wountain Lon       96,000     625,000     2,350       Bighorn Sheep     Turkey       115,000     365,000     3,800       214,700     1,009,900     6,365       GRAND TOTA     IBROTECT HABITAT IMPROVEM (Washington O/lice Completes, PLETED       and cover     Acres       id burning     Acres       ind planting     Acres       imarsh     Acres       marsh     Acres       moval     Number       indication     Rods       bilization     Rods       bilization     Miles       s and reservoirs     1       plant contol     Acres       moval     Miles       s and reservoirs     1       plates     Acres	2,800         11,100         170         (con't)         214,700           900         8,800         45         Mountain Lion         200           900         8,800         45         Mountain Goat         Mountain Coat           900         625,000         2,350         Bighorn Sheep         2,400           96,000         625,000         2,350         Bighorn Sheep         2,400           115,000         365,000         3,800         Wolf         100           1214,700         1,009,900         6,365         GRAND TOTAL         218,300           13. DIRECT HABITAT IMPROVEMENTS (Washington Office Completes)         BUREAU           and cover ed, burning, chaining         Acres         MOUNTS           UNTF (during, chaining         Acres         MUNEAU           marsh         Acres         MUNEAU	2,800         11,100         170         (con't)         214,700         ,009,900           900         8,800         45         Mountain Goat         Moose         Mountain Goat           900         8,800         45         Mountain Goat         Mountain Goat         Mountain Goat           900         625,000         2,350         Bighorn Sheep         2,400         25,000           96,000         625,000         2,350         Bighorn Sheep         2,400         25,000           115,000         365,000         3,800         Wolf

TOTAL

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#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

WILDLIFE ANNUAL REPORT

GENERAL STATISTICS

Office	04-010	

Bakersfield, California

Fiscal Year

1971

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	GENE	RAL STATI	STICS	17/1	
1. HABITAT COND	TION	ACRES (1,000's)		6. WILDLIFE SURVEYS	NUMBER
Terrestrial	Terrestrial		UNSATIS.	a. Use, condition and trend (transects)	18
(1) Big game		97,800	358,500	b. Stream and lake	0
(2) Small game		470,000	360,000	7. HABITAT MANAGEMENT PLANS (Wildli/e Species)	5 Ph
(3) Waterfowl		42	180	a. Terrestrial	0
Aquatic (1) Lakes	NUMBER 0	-	-	b. Aquatic	0
(2) Reservoirs	1	10		8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
(3) Stream (total mi	les)	66.2	2.2	a. Terrestrial	1
2. TERRESTRIAL	AND	ACRES	MILES	b. Aquatic	2
AQUATIC HABITAT E TO PUBLIC ACC BY	ESS	OF HABITAT	OF STREAMS	9. HABITAT EXPENDITURES	DOLLARS
LIOSURE of private lands		85,000	6.6	a. Management	2421
Lack of physical access		225,000	2.0	b. Development	244
TOTAL (a + b)		310,000	8.6	c. Maintenance	
3. WATERFOWL USE		BIRD	-DAYS	TOTAL (Habitat Expenditures)	2665
. Impoundments		15,750	)	10. RECREATION (State O//ices complete)	VISITOR DAYS
Natural wetlands		31,500	)	a. Hunting (1) Big game	
4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	
. Rare		21	42,400	(3) Waterfowl	
		9-8*	183,300 151,300	. TOTAL (Hunting)	
5. WILDLIF	E PERSONN		NUMBER	b. Fishing	
a. Biologists (CSC wi	ildlife serie	es)		c. Nonconsumptive use	
Coordinators (trained or u:: rained district coordinators)			1	11. COMMERCIAL FISHING (lbs. harvested)	

Rei <sup>5</sup> \* The Southern Bald Eagle, American Peregrine Falcon, Tecopa Pupfish and the Bluntnosed Leopard Lizard are included in this number. These species are believed to be in the district, but habitat acreage is not known.

SPECIES	1	NUMBER			M PUBLIC LA	NUMBER	
arcoits	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	-	-	-	SUBTOTAL (con'l)	34,970	224,400	855
Bear . Brown	-			Elk (Tule)	350	835	-
Brown		-		Moose	-	-	-
Black	70	300	5	Mountain Goat		-	-
Buffalo	-	-	-	Mountain Lion	5	30	-
Caribou	-	-	-	Peccary		-	
Deer Black Tail	4900	44100	450	Bighorn Sheep	600	42,000	-
White Tail	-	-	-	Turkey	175	2,100	· _
Mule	30,000	180,000	400	Wolf	-	-	-
SUBTOTAL	34 970	224,400	855	GRAND TOTAL	36,100	269,365	855
)	ITEM		UNIT OF WORK	UNITS COM- PLETED	BUREAU CONTRIBU		RIBUTED
a. Wildlife food (1) Prescrib			Acres				
	spraying, chair	ling	Acres				
(3) Seeding		ing	Acres				
(4) Waterfow		-	Acres				
(5) Fencing			Miles				
(6) Wildlife	water develops	ients	Number				
b. Fishing streams (1) Channel structures			Number			- S.	
<ol><li>Channel</li></ol>	(2) Passias sometral						
	removal		Number				
(2) Barrier (3) Spawnin	g areas		Rods				
(2) Barrier (3) Spawnin (4) Bank sta	g areas abilization		Rods Rods				
(2) Barrier (3) Spawnin (4) Bank sta (5) Fencing	g areas abilization		Rods Rods Miles	· · · · · ·			
(2) Barrier (3) Spawnin (4) Bank sta	g areas abilization		Rods Rods				
(2) Barrier (3) Spawnin (4) Bank str (5) Fencing (6) Rough f c. Fishing lake	g areas abilization ish removal	75	Rods Rods Miles			· · · · · · · · · · · · · · · · · · ·	
<ul> <li>(2) Barrier</li> <li>(3) Spawnin</li> <li>(4) Bank statistics</li> <li>(5) Fencing</li> <li>(6) Rough f</li> <li>c. Fishing lake</li> </ul>	g areas abilization ish removal es and reservoi plant control	rs	Rods Rods Miles Miles				
(2) Barrier ( (3) Spawnin (4) Bank str. (5) Fencing (6) Rough f c. Fishing lake (1) Aquatic	g areas abilization ish removal es and reservoi plant control ish removal	15	Rods Rods Miles Miles Acres Acres Acres				
(2) Barrier (3) Spawnin (4) Bank sta (5) Fencing (6) Rough f c. Fishing lakk (1) Aquatic (2) Rough fi (3) New fi (4) Minimum	g areas abilization ish removal es and reservoi plant control ish removal hing lakes n pools of wate	r	Rods Rods Miles Miles Acres Acres Acres Acres Acres				
(2) Barrier (3) Spawnin (4) Bank sta (5) Fencing (6) Rough f c. Fishing lakk (1) Aquatic (2) Rough fi (3) New fi (4) Minimum	g areas abilization ish removal es and reservoi plant control ish removal hing lakes n pools of wate	r	Rods Rods Miles Miles Acres Acres Acres				

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#### FY 1971 Wildlife Annual Report

#### Narrative

#### a. Habitat Management

During FY 1971 two Desert Pupfish sanctuaries were constructed. One was constructed in the Owens Valley north of Bishop, California for the protection of the endangered Owens Kluver Pupfish. The other sanctuary was constructed at Upper Varm Springs in Saline Valley northeast of Lone Pine, California for the protection of the endangered Devils Hole Pupfish.

The Inter-Agency Committee on Owens Valley Land and Wildlife, of which the Bakersfield BLM District is a member, is continuing work on several wildlife problems which occur in the Owens Valley. The two species on which most of the work is being done are the Tule Elk and the Owens River Puofish.

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No start

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#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

۱	Office

Supanville (Nevada)

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Fiscal Year

1971

WILDLIFE ANNUAL REPORT GENERAL STATISTICS

		ACRES (	1 000'-1		NUMBER
1. HABITAT CONDI	TION	SATIS.	UNSATIS.	6. WILDLIFE SURVEYS	NOMBER
. Terrestrial (1) Big game		1,434	529	a. Use, condition and trend (transects)	20
			53	b. Stream and lake	0
(2) Small game		1,910		7. HABITAT MANAGEMENT PLANS (Wildlife Species)	
(3) Waterfow1		<u>1</u> / 0	<u>2</u> / <sub>17</sub>	a. Terrestrial	0
b. Aquatic (1) Lakes	NUMBER 0	0	0	b. Aquatic	0
(2) Reservoirs	196	0	<u>1</u> / 0	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	1.1
(3) Stream (total min	les)	0	0	a. Terrestrial	0
2. TERRESTRIAL	AND	ACRES	MILES	b. Aquatic	0
AQUATIC HABITAT B TO PUBLIC ACC BY	LOCKED	OF HABITAT	OF STREAMS	9. HABITAT EXPENDITURES	DOLLARS
a. Closure of private la	ands	10,000	0	a. Management (2:12)	2,000 400
b. Lack of physical ac		0	σ	b. Development	0 /
TOTAL (a + b)		10,000	0	c. Maintenance	
3. WATERFOWL USE		BIRD-DAYS		TOTAL (Habitat Expenditures)	2,000 400
. Impoundments		80,000		10. RECREATION (State Offices complete)	VISITOR DAYS
b. Natural wetlands		200,000		a. Hunting (1) Big game	
4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	
a. Rare	3/	1	1,963	(3) Waterfow1	3
b. Endangered ,	4/	2	1,963	TOTAL (Hunting)	
5. WILDLIF	E PERSON	IL.	NUMBER	b. Fishing	
a. Biologists (CSC wildlife series)		0	c. Nonconsumptive use		
b. Coordinators (trained or ustrained district coordinators)			1	11. COMMERCIAL FISHING (Ibs. barvested)	0
Remarks 1/ Loss 2/ Shall	s than 1 Llow Inte Lrie Fal	,000 acres ermittent con - Ares regrine Fa	Lakes n Wide alcon - An	rea Uide	

"多点样"。

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	12. WILC		LA HONS AND	J HARVESI FF	TOM PUBLIC LA	NUMBER	
PECIES	POPULATION	NUMBER AM1	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	2,665	10,660	159	SUBTOTAL (con't)	56,666	-47;486	-3,277- -34/76
Bear				Elk			
Brown				Moose			
Black	1	6	. 0	Mountain Goa	t		
Buffalo				Mountain Lion	1 6	24	0 3
Caribou			· · · ·	Peccary			
Deer Black Tail				Bighorn Sheep	p		
White Tail				Turkey			
Mule	54,000 2/	47,486	3,277	Wolf		19194	3436
SUBTOTAL	56,666	58,160	3,436	GRAND TOT	AL 56,672	47,486	-3,277
		13. 0	Washington O	TAT IMPROVE	MENTS s)		
-			UNIT	UNITS		COST	
	ITEM		OF. WORK	COM- PLETED	BUREAU	CON	TRIBUTED
a. Wildlife food							
(1) Prescrib	ed burning		Acres				
	spraying, chair	ing	Acres				
(3) Seeding			Acres				
(4) Waterfow	l marsh		Acres				
(5) Fencing (6) Wildlife	water developm	ente	Number				
b. Fishing strea (1) Channel	ams		Number				-
(2) Barrier r	emoval		Number				
(3) Spawning			Rods				
(4) Bank sta			Rods				
(5) Fencing			Miles				
(6) Rough fish removal			Miles				
c. Fishing lake (1) Aquatic	es and reservoir plant control	s	Acres				
(2) Rough fi	ish removal		Acres				
(3) New fish			Acres		ļ		
(4) Minimum	pools of water		Acre Ft.				
	g areas, shelte	rs, etc.	Number				
(b) Fencing			Miles				
1/ From	CUF&G			TOTAL			
							GPO ASS

x

2/ Changes in population & All figures as compared to 1970 represent refine- cpo set 4

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#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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Susanville, (Calif.)

Fiscal Year 1971

WILDLIFE ANNUAL REPORT GENERAL STATISTICS

ourre						
			6. WILDLIFE SURVEYS	NUMBER		
errestrial			a. Use, condition and trend (transects)	14		
	1,105	105	b. Stream and lake	0		
	1,232	36	7. HABITAT MANAGEMENT PLANS			
	10	<u>1</u> / 54				
NUMBER			a. Terrestrial	80		
4	9	0	b. Aquatic	0 ·		
240	1	6	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)			
(3) Stream (total miles)			a. Terrestrial	.0		
LAND	ACRES	MILES	b. Aquatic	0		
AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY			9. HABITAT EXPENDITURES	DOLLARS		
lands			a. Management (3-191)	4,000 76		
. Lack of physical access 640			b. Development	1,233 14		
TOTAL (a + b) 640 3. WATERFOWL USE BIRD-			c. Maintenance	<del>119-</del> 13		
			TOTAL (Habitat Expenditures)	5,343-92		
. Impoundments 100,000			10. RECREATION (State O//ices complete)	VISITOR DAYS		
b. Natural wetlands 800,000			a. Hunting			
4. RARE AND ENDANGERED NO. OF		ACRES OF				
SPECIES SPECIES						
	2	456				
b. Endangered 3/ 2			TOTAL (Hunting)			
FE PERSONN	EL	NUMBER	b. Fishing			
wildlife serie	es)	0	c. Nonconsumptive use	-		
ned or ustra	ined tors)	1	11. COMMERCIAL FISHING (lbs. harvested)			
	DITION  NUMBER  4 240 niles) LAND BLOCKED CESS Lands access L (a + b) CRFOWL USE FE PERSONN wildlife series and or usiral	ACRES ( SATIS           1,103           1,232           10           1,232           10           240           1           240           1           6           240           16           LLAND           BLOCKED           ACRES           640           L (a + b)           640           ERFOWL USE           BIRD           100,000           300,000           SANGERED           NO. OF           SPECIES           2	ACRES (1,000's)           SATIS         UNATIS.           1,103         165           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,24         9           0         240           1         6           15         STREAMS           LAND         ACRES           BLOCKED         ACRES           OF         FEREME           Iands            access         640            1000,000           S00,000         S00,000           DANGERED         NO. OF SPECIES           ACRES OF SPECIES         ACRES OF (10001-2)           2         456	DITION       SATES.       UNBATIS.       S. HELCH SOULDS         1,103       165       a. Use, condition and trend (transects)         1,103       165       b. Stream and lake         1,232       36       7. HABITAT MANAGEMENT PLANS (Wildlife Species)         4       9       0       b. Aquatic         240       1       6       8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)         niles)       16       15       a. Terrestrial         NUMBER BLOCKED       ACRES OF HABITAT       MILES OF STREAMS       b. Aquatic         SCESS       640        a. Management (2 - 24)         access       640        b. Development         L (a + b)       640        c. Maintenance         ERFOWL USE       BIRD-DAYS       . TOTAL (Habitat Expenditures)         100,000       10. RECREATION (State Offices complete)       a. Hunting (1) Big game         2       456       (3) Waterfowl       2         2       456       TOTAL (Hunting)         FE PERSONNEL       NUMBER       Fishing         wildlife series)       0       c. Nonconsumptive use         mid or w::rained       1       counceschaptid)		

Remarks

1/ Intermittent Dry Lakes 2/ Prairie Falcon (456,000 Ac.) Sandhill Grame (200 Ac.)

3/ American Peregrine Falcon and Southern Bald Eagle

	1	NUMBER		SPECIES		NUMBER	
PECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
ntelope	<u>1</u> / 2,200	<u>-1/</u> 23,760	<u>1</u> / 120	SUBTOTAL (con't)	4,700	47,760	592
ear Brown				Elk			
				Moose			
Black	· · ·			Mountain Goa	t		
buffalo			<u> </u>	Mountain Lior	$\frac{1}{5}$	50	<u>1</u> / 0
laribou				Peccary			
Black Tail				Bighorn Sheep	$\frac{4}{14}$	168	0
White Tail				Turkey			
Mule	2,500	24,700	472	Wolf		47978	
SUBTOTAL	4,700	47,760	592	GRAND TOT	AL 4,719	47,928	592
	1	13. [	URECT HABI	fice Completes	MENTS s)		
1 -	ITEM	• .	UNIT OF WORK	UNITS COM- PLETED	BUREAU	COST	TRIBUTED
a. Wildlife food (1) Prescribe			Acres		-		
	spraying, chai	ning	Acres				
(3) Seeding :			Acres				
(4) Waterfow	1 marsh		Acres Miles				
(5) Fencing	water developm	nante	Number				
<ul> <li>(6) wildlife</li> <li>b. Fishing stream</li> <li>(1) Channel</li> </ul>	ams	lients	Number				
(2) Barrier r	emoval		Number				
(3) Spawning			Rods				
(4) Bank stabilization			Rods				
(5) Fencing			Miles				
(6) Rough fi			miles				
<ul> <li>c. Fishing lakes and reservoirs</li> <li>(1) Aquatic plant control</li> </ul>			Acres				
(2) Rough fi	ish removal		Acres				
(2) 11 (1)	ning lakes		Acres				
(3) New fish	pools of wate	r	Acre Ft.				
(4) Minimum					1		
(4) Minimum	g areas, shelte	ers, etc.	Number Miles				

· 4/ From Sheldon Game Report (BSF&!!)

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## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Susanville (Calif. & Nevada) Fiscal Year 1971

# WILDLIFE ANNUAL REPORT GENERAL STATISTICS

		ACRES (	1.000'e)		NUMBER
1. HABITAT CONDI	TION	SATIS.	UNSATIS.	6. WILDLIFE SURVEYS	NUMBER
. Terrestrial (1) Big game 2,55			694	a. Use, condition and trend (transects)	34
(1) Dig game				b. Stream and lake	0
(2) Small game	(2) Small game		89	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	
(3) Waterfowl		10	1/ 71	a. Terrestrial	0
Aquatic (1) Lakes	NUMBER 4	9	· · · 0	b. Aquatic	0
(2) Reservoirs	436	1	6	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
(3) Stream (total mi	(3) Stream (total miles)			a. Terrestrial	3 4/
2. TERRESTRIAL	AND	ACRES	MILES	b. Aquatic	0
TO PUBLIC ACC	HABITAT	STREAMS	9. HABITAT EXPENDITURES	DOLLARS	
a. Closure of private l	10,000	0	a. Management <u>5.194</u>	\$6,000 1164	
Lack of physical access 640			0	b. Development	1,233 145
TOTAL (a + b) 10,640			0	c. Maintenance	5,343 13.
3. WATERFOWL USE BIRD-			DAYS	TOTAL (Habitat Expenditures)	13220
a. Impoundments	Impoundments 180,000			10. RECREATION (State Offices complete)	VISITOR DAYS
Natural wetlands 1,000,000			00	a. Hunting (1) Big game	
4. RARE AND ENDANGERED NO. OF SPECIES SPECIES			ACRES OF HABITAT	(2) Small game	
a. Rare 2/ 2			2,419	(3) Waterfowl	
b. Endangered 3/ 3			3,231	TOTAL (Hunting)	
5. WILDLIFE PERSONNEL			NUMBER	b. Fishing	
a. Biologists (CSC wildlife series)				c. Nonconsumptive use	
b. Coordinators (train distri	ct coordina	tors)	1	11. COMMERCIAL FISHING (lbs. barvested)	
ACCULATING		t Shallow con and Gr regrine Fa	actor San	dhill Crane thern Bald Eagle, subspecie of La	hontan

Cutthroat Trout 4/ To be reported on JDRs.

· · ·	···				•	۰.	
1	. 12. WILL	LIFE POPU	LATIONS AN	D HARVEST FROM	PUBLIC LA	NDS	
	1	NUMBER	-			NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	4,865	34,428	279	SUBTOTAL (con't)	61,366	105,920	4,028
Bear Brown				Elk			
Black	. 1	6	0	Moose			
Buffalo				Mountain Goat		74	
Caribou				Mountain Lion	11	1:0	. 0
Deer				Peccary			
Black Tail				Bighorn Sheep	14	168	0
White Tail				Turkey			
Mule	56,500	71,486	3,749	Wolf		10611.2	
SUBTOTAL	61,366	105,920	4,028	GRAND TOTAL	1	106,933	4,028
		13. D	RECT HABI	TAT IMPROVEME (fice Completes)	NTS		4
						COST	
	ITEM	-10	UNIT OF WORK	UNITS COM- PLETED	BUREAU	CONT	RIBUTED
a. Wildlife food (1) Prescribe			Acres		•		
	spraying, chair	ing	Acres				
(3) Seeding :			Acres				
(4) Waterfow	1 marsh		Acres		<u>~</u>		
(5) Fencing	water dauglass	anto	Miles Number	<u> </u>			
<ul> <li>(6) Wildlife water developments</li> <li>b. Fishing streams</li> <li>(1) Channel structures</li> </ul>			Number	-			
(2) Barrier removal			Number				•
(3) Spawning	g areas		Rods				
(4) Bank stabilization			Rods				
(5) Fencing			Miles				
(6) Rough fish removal			Miles				
<ul><li>c. Fishing lakes and reservoirs</li><li>(1) Aquatic plant control</li></ul>			Acres				
(2) Rough fi	sh removal		Acres				
(3) New fish			Acres				
	pools of water		Acre Ft.	-			
	g areas, shelte	rs, etc.	Number				
(6) Fencing			Miles				·

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# SUSANVILLE DISTRICT

# WILDLIFE ANNUAL REPORT

#### Fiscal Year 1971

# Narrative

# General

Above normal precipitation and good forage conditions favored wildlife in general. However, the persistent early snows of November and December was adverse to upland game birds. It is believed that a considerable number were lost during this period as the crusted snow was accompanied with relatively cold weather. Grass and grit were difficult to obtain. The snows were not deep enough to cover browse species used by big game, therefore, they fared quite well. Early January thaws relieved a situation which could have become critical if the snows and cold weather had continued. Reports from the field indicate that chukar, sage ground and qual populations are down this year.

#### Livestoc!: Use

According to the District Grazing Statistical Report for the 1970 grazing season, livestock use arounted to 221,736 AU's as compared to 221,579 AU's in 1969, shoring only a slight difference. A considerable amount of regular non-use was taken in the Cal-Neva Unit. This has been reflected by a significant inprovement in range conditions in the area.

# Coordination

The District Wildlife Program was closely coordinated with that of all agencies or organizations participating in or having an active interest in the management of wildlife or habitat on Public Lands. Annual coordination meeting were held with the Pepartments of Fish and Game and the Bureaus of Sports Fisheries and Wildlife of both California and Nevada. All interested parties were invited to attend the annual wildlife coordination meeting, including the Susanville District Advisory Board Wildlife Representative. The District was represented at two hearings held in Alturas May 18 by the California Department of Fish and Game on the proposed antleress hunt of the Warner Mountain Area. The Susanville District supported the recommendations of the California Department of Fish and Game. corplated several projects in this area. Three additional reservoir: were dug within the existing exclosures in Snowstort Canyon. Additional plants of Russian Olive and Colden Willow have also been planted along the stream. A one acre plot was scarified on the adjacent tableland to investigate the possibility of promoting rullein and sunflowers which furnish a prime source of seed for dows and sage grouse. A dense stand of sunflowers now occupies the site.

Susan. 11/2

# District Soil and Matershed Program

Several springs were developed and 5 reservoirs were constructed in the district. Wherever possible, the projects were designed to benefit wildlife habitat.

# Significant Changes in the Fiscal Year 1971 Statistical Peport

Under Item 12 (Calif.), the number of deer using Public Lands during part or all of the year was changed from 75,000 to 54,000. A corresponding decrease in Alis was also nade. This change in numbers was the result of the Oregon-California Interstate Deer Herd Technical Committee determination that only about 50% of the Oregon herd nigrate to California in the winter instead of the former estimated 90%. Another factor taken into consideration was the apparent decline in the population of the interstate deer herd.

# Rare and Endangered Species

At least 4 Bald Eagle nests have been reported in the California portion of the district. Recently it was noted that one of the nests in the Willow Creek area on an old plue tree had been completely destroyed. The cause has not been determined but it is doubtful if it was the result of vandalism. During the past year interest has focused on the Yodoc sucker as possibly being a rare species of wildlife. The district does not have a record as such but the fish is now fully protected by the California Department of Fish and Game. The Creater Sandhill Crame was sighted in several places in Big Valley, all on decded meadows. Old sightings included Willow Creek Valley, Lassen County and the Pit River Valley at Alturas.

# Big Horn Plant on the Sheldon Game Range

The Bureau of Sport Fisheries and Wildlife did not have a recent census on the animals in the Hells Canyon Field. Their latest count showed 14 animals last summer.

Susanuille

# Unit Resource Analyses and Management Framework Plans

Progress on the Unit Fesource Analysis in the wildlife activity included completion of Step 4, Uillow Creek Unit; Steps 2 and 3 of the Tuledad and Hone Camp Units. In the Management Framework Plan, Steps 1 and 2 of the Willow Creek and Tuledad Units were completed. The management recommendations pertaining to wildlife were presented to all district personnel involved and were believed to be comprehensive as well as conclusive. In the Unit Resource Analyses and Management Framework Plans, rare or endangered species of wildlife and their habitat are identified and recommendations are included for the protection and possible enhancement of the habitat.

# Animal Damage to Lands and Resources

Rabbit populations were on the increase throughout the district. However, probably due to an abundance of native range forage, no significant damage to wheat grass seedings was reported. Porcupines are also apparently on the increase. This was reflected in extensive damage to pine saplings.

#### Predator Control Program

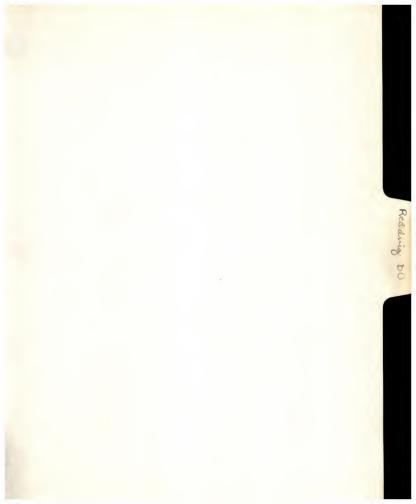
The predator control program continued about the same as the previous year. The main means of control was through the use of 1080 bait stations. The placement of lethal stations was avoided in areas of heavy hunter concentrations. No damage to dogs was reported. The animal control plan for fiscal year 1972 will show some significant changes which will include the suspension of the use of 1080 and other restrictions on the area and period that other control methods may be used.

#### Wildlife Habitat Management

1. Cold Springs Bitterbrush Planting

Due to poor winter conditions for setting out transplants in this area the planting time was changed from November to spring. On April 2nd, the California hepartment of Fish and Game set out about 1200 two year old bitterbrush plants in the Cold Spring Allotment. Observations indicate an excellent survival of the transplants. The favorable moisture conditions following planting resulted in leader growth up to 8 inches in length. An evaluation of the project by the California Department of Fish and Game and Bureau of Land Management personnel is scheduled in August 1971.

 Biscar National Cooperative Land and Wildlife 'anneament Area The Galifornia Department of Finh and Game with the use of Galifornia Conservation Carp equiprent and innate labor



Form 6500-1 UNITED STATES Univ 1970) DEPARTMENT OF THE INTE ((second) 9510-1) BUREAU OF LAND MANAGEA					INTERIOR		Office Redding	,Calif.
WILDLIFE			E ANNUAL P	REPORT		Fiscui Year 1971	-	
			ACRES (		6. WILDLIF	E SURVEYS	NUMBER	
					a. Use, condition an	d trend (transects)	36	
_		) Big game		42	312	b. Stream wXXXX		1
_	(2	2) Small game		88	266	7. HADITAT MAN	AGEMENT PLANS . - Species)	
	(3	3) Waterfowl	,	0.03	0.1	a. Terrestrial		/
b. Aquatic (1) Lakes 5			.057	5. Aquatic				
-	-	2) Reservoirs	5		.058	d. KABITAT DEVEL	OPMENT PROJECTS	3, 7 4
			Stream (total miles)		134	a. Terrestrial		
-	2. TERRESTRIAL AND AQUATIC HADITAT DLOCKED . TO PUBLIC ACCESS BY		9 ACRES	MILES	b. Aquatic			
			HABITAT	STREAMS	9. HABITAT	EXPENDITURES	DOLLARS	
a. Closure of private lands		200,000 115		a Management		137.45		
	_	Lack of physical ac				b. Development		11324
-	_	TOTAL		40,000	1	c. Maintenance	1	2
•		3. WATER	FOWL USE		DAYS	TOTAL (Habitat Expenditures) 10. REGREATION (State Offices complete)		25,071
	a.	Impoundments		3.	000			VISITOR
	ъ.	Natural wetlands		9,000		a. Hunting		
4. RARE AND ENDANGERED SPECIES		NO. OF ACRES		(1) Big game				
		· SPECIES	HABITAT	(2) Small game (3) Waterfowl				
	a. Rare			1		TOTAL (Hunting)		
	b.	Endangered		1	NUMBER	b. Fishing		
S. WILDLIFE PERSONN				c. Nonconsumptive	e use			
		Biologists (CSC w Coordinators (India	ed or untra	ined	1	1	FISHING (lbs. barrested)	
	_	distri	ct coordina	tors)				

(Inollactions maine back covers

	12. WIL	DLIFE POPU	LATIONS AN	ID HARVEST FR	IOM PUBLIC LA		
SPECIES		NUMBER		SPECES		NUMBER	HARVEST
	POPULATION	A4++	RAEVEST		POPULATION	AN:4	
Antelope	110	450	9	SUBTOTAL (con'l)	84,600	287,500	460
Bear Brown							
Black	500	6,000	30	Moose Mountain Goal			
Buffalo				Mountain Goat			
Caribou				Hountain Lion	180	2,160	10
				Peccary			
Deer Black Tail	55,000	165,000	350	Bighorn Sheep			
White Tail				Turkey	. 150	1,800	
Mule	29,000	116,000	60	Wolf		511-0121	-259
SUBTOTAL	84,610	287,450	460 1	GRAND TOTA	104,200	291,460	470-
		· 13. D	RECT HABI	TAT IMPROVEN	ENTS		
			UNIT	UNITS	, 	CCS7	
P. Wildlife food and cover (1) Prescribed burning			WORK	COX- PLETED	BUREAU	CONT	RIBUTED
			Acres				
	sprnying, chair	ing	Acres				
(3) Seeding :			Acres				
(4) Waterfow	l marsh		Acres				
(5) Fencing	unter daugtern	in ante	Number				
(6) Wildlife water developments b. Fishing streams (1) Channel structures			Number	-			
(2) Barrier n	enoval		Number				
(3) Spawning			Rods				
(C) Bank stabilization     (S) Fencing     (G) Rough fish removal     (C) Fishing lakes and reservoirs     (1) Aquatic plant control     (2) Rough fish removal     (3) New fishing lakes			Rods				
			Miles				
			Miles				
		Acres					
		Acres		· ·			
		Acres					
	pools of water		Acre Ft. Number				
(6) Fencinz	areas, shelte	15, C.C.	Miles				
(b) Pending							
-				TOTAL			

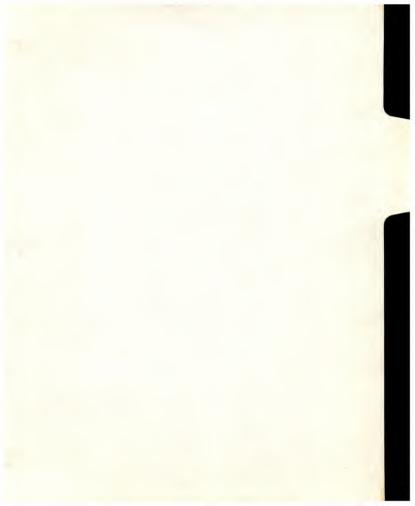
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# WILDLIFE ANNUAL REPORT FY 1971

#### NARRATIVE

- No 1285 project funds have been available in FY-1971. Priority projects have not been scheduled for funding, specifically, Dry Creek steelhead fisheries enhancement work and others of that nature.
- 2. Data resultant of field studies are available, which indicate that anadromous fisheries, primarily steelhead, have declined sharply on the Trinity River resultant of dewatering the river through dam construction. Quality coldwater fishing has declined accordingly on the Upper Trinity. The Redding District biologist is a member of the Fisheries, Sediment, and Wildlife Committees, which are analyzing the numerous problems of the Trinity Basin.

The assessment of the "Riffle Sifter" on one portion of the Trinity was initiated August 2, 1971. Limited segments of Federal-BLM lands may be used to evaluate this equipment and spawning riffle rehabilitation technique.



for \$500-1 Jul 70) (fc 1y 6960-1)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office
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Folsom Fiscal Year 1971

# WILDLIFE ANNUAL REPORT GENERAL STATISTICS

-	1. HABITAT COND		ACRES (1,000's)		6. WILDLIFE SURVEYS	NUMBER
	T. HAGITAT COND.		SATIS.	UNSATIS.		
	Terrestrial			a. Use, condition and trend (transects)	11	
_	(1) Big game		239 2	208	b. Stream and lake	0
_	(2) Small game		147	237	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	
	(3) Waterfowl		0	0	a. Terrestrial	,
	Aquatic	NUMBER				
	(1) Lakes	1	2	o i	b. Aquatic	0
	(2) Reservoirs -	10	15	0	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
(3) Stream (total miles)			108	0	a. Terrestrial	1
	2. TERRESTRIAL	AND	ACRES	MILES	b. Aquatic	0
	TO PUBLIC ACC	OF HABITAT	STREAMS	9. HABITAT EXPENDITURES	DOLLARS	
	Closure of private la	200 000	54	a. Management	-7,930-90	
	Lack of physical access 70			5	b. Development	41-
			270 000 59		c. Maintenance	2
			BIRD	-DAYS	TOTAL (Habitat Expenditures)	7,930-132
a .	Impoundments \$120,000		0	10. RECREATION (State O/fices complete)	VISITOR DAYS	
b. Natural wetlands		0		a. Hunting		
			NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game	
-	a. Rare			4000	(3) Waterfowl	
-				3400.000	TOTAL (Hunting)	
2				NUMBER	b. Fishing	
_	5. WILDLIFT	E PERSONN	EL	NUMBER	D. 1 1511111g	
a.	Biologists (CSC wi	ldlife serie.	s)	1	c. Nonconsumptive use	
ь.	Coordinators (traine	ed or ustrain st coordinat			11. COMMERCIAL FISHING (lbs. barvested)	

Re s \*Estimated day - used resting & feeding on large reservoirs with adjacent public domain.

-6							
•	12. WIL	DLIFE POPUL	ATIONS AND	HARVEST FR	OM PUBLIC LA	NDS	
		NUMBER		SPECIES		NUMBER	
CIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
ntelope				SUBTOTAL (con't)	10,8‡0	108100	390
ear				Elk			
Brown				Moose			
Black	10	100	-	Mountain Goat	t		
Buffalo				Mountain Lion	1 5	60	0
Caribou				Peccary Boar	1 100	1200	10
Black Tail	10,300	105,000	360	Bighorn Sheep	1		
White Tail				Turkey			\$
Mule	. 500	3000	30	Wolf		109360	
SUBTOTAL	10,8\$0	108100	390	GRAND TOT		-14,223-	400
		13. D	RECT HABI	TAT IMPROVE	MENTS		
						COST	
ITEM			UNIT OF WORK	UNITS COM- PLETED	BUREAU	CON	TRIBUTED
a. Wildlife food (1) Prescrib	and cover ed burning		Acres	·			-
(2) Release	spraying, cha	ining	Acres				
(3) Seeding	and planting		- Acres				
(4) Waterfow			Acres				
(5) Fencing			Number				
(6) Wildlife	water develop	ments	Number				
b. Fishing stre (1) Channel			Number				8
(2) Barrier	removal		Number				
(3) Spawnin			Rods				
(4) Bank st			Rods				
(5) Fencing			Miles				
	ish removal		Miles				
c. Fishing lak		irs	Acres				×
			Acres		1		
	fish removal		Acres				
(3) New fis	sning lakes	0.1	Acre Ft.				
(4) Minimu	m pools of wat ng areas, shel	tors etc.	Number				
			Miles				
Fencin	6			Tomas			
				TOTAL			100 C 100 C 100

#### MARRATIVE

#### Habitat Hanagement:

No habitat Improvement funds were programed this par Fresmo County Sportsmens Club spent 51600 pilling brash in mesting and escape cover. Fight small reservoirs were a the denudid areas seeded with annual grasses. Thirty a qual' habitat were improved in the Squaw Leap Management project.

The Talifornia Department of Fish and Eame construct on public land on the Panoche Cooperative Land and Wild! Withdrawal Area at a cost of \$2500. The purpose of this catch and hold silt and winter runoff water to supply mo a heavy cover of strucks. These heavy cover patches are protection areas for upland game and other wildlife. Enis a side benefit.

#### B. Animal Damage:

to modent control work was done in the Folson Distr at

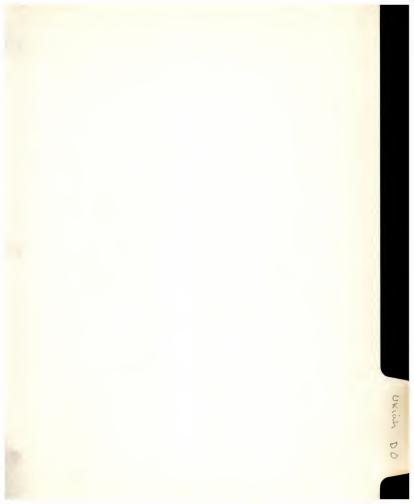
### d Wildlife Statistics:

Deer kill was down throughout the district. Area i we low while Areas H and ill were down mearly 30%. Populate actributed to BLM lands were taken from URA data. Californiand and Sincktail deer and various crosses are all listed un due to lack of maliable information on harvest by specie. listed are those occuring east of the crest of the Sierra f County.

Russian wild boar exists in Area 111. Figures used Grea conservative estimate for public land.

#### Diher Problemst

The Panoche area is still closed to all vehicle us has all but eliminated hunting on this area which suppoupland game population. This area will remain a osed uauthority, money, and manpower become available to contvehicle use.



For 00-1 Jul 70) (formerly 6960-1)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Of	fice	

Ukiah

Fiscal Year

WILDLIFE ANNUAL REPORT GENERAL STATISTICS

1071

ACRES (1,000's) 6. WILDLIFE SURVEYS NUMBER 1. HABITAT CONDITION SAT IS. UNSATIS a. Use, condition and trend (transects) ----. Terrestrial (1) Big game 160 300 b. Stream and lake 7 (2) Small game 300 160 7. HABITAT MANAGEMENT PLANS (Wildlife Species) (3) Waterfowl -a. Terrestrial XC NUMBER b. Aquatic b. Aquatic (1) Lakes ---8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted) (2) Reservoirs -. .... a. Terrestrial . 6 (3) Stream (total miles) 40 35 -2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED b. Aquatic -ACRES MILES OF OF STREAMS TO PUBLIC ACCESS HABITAT DOLLARS 9. HABITAT EXPENDITURES BY 243 a. Management \$11.000 a. Closure of private lands 10 200 00 28 b. Development 523 b. Lack of physical access 4 25 100 000 c. Maintenance -0-TOTAL (a + b) · · . 35 300 \*\*\* TOTAL (Habitat Expenditures) 372 3. WATERFOWL USE BIRD-DAYS 10. RECREATION VISITOR (State Offices complete) a. Impoundments DAYS -b. Natural wetlands a. Hunting (1) Big game ACRES OF 4. RARE AND ENDANGERED NO. OF SPECIES HABITAT (2) Small game SPECIES (3) Waterfowl 20,000 0.5 1 a. Rare Tule Elk TOTAL (Hunting) b. Endangered NUMBER b. Fishing 5. WILDLIFE PERSONNEL c. Nonconsumptive use 1 a. Biologists (CSC wildlife series) b. Coordinators (trained or untrained 11. COMMERCIAL FISHING (lbs. barvested) district coordinators)

Remarks

		NUMBER		1		NUMBER			
PECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST		
Antelope	-	-	-	SUBTOTA (con't)	L 26,300	314,400	1210		
Bear Brown	ear Brown			Elk	50	300	0		
Black		300 2,400 10 Moose		-	-	-			
Buffalo	300 2,40		10	Mountain Goa	at –	-	-		
Caribou		-		Mountain Lic	n <u>Present</u> unknown	ut numbers	are		
Deer	-	-	-	Peccary	-	-	-		
Black Tail	26,000	312,000	. 1,200	Bighorn Shee	ep _	-	-		
White Tail	-	-	- <u>-</u>	Turkey	150 -900*	400-	` <b>-</b>		
Mule	-	-	-	Wolf	-	-	-		
SUBTOTAL	26,300	314,400	1210	GRAND TOT	21,250	315 600	1210		
				TAT IMPROVE //ice Complete.			A granner		
		· · · ·	UNIT	UNITS	.,	COST			
	ITEM	<b>2</b> 10	OF	COM- PLETED	BUREAU	CONT	CONTRIBUTED		
a. Wildlife food (1) Prescribe			Acres				- ,		
	praying, chain	ing	Acres .						
<ul><li>(3) Seeding a</li><li>(4) Waterfowl</li></ul>			Acres	160	121-0\$1,199.00	\$3,5	00.00. 1.7		
	nunting acco	ase roads	Acres Miles	4	121-0-2,602.00	5.8	5,822.00 1/2		
(6) Wildlife w	ater developme	ents	Number	2	1745- 100.00		300.00 (1		
b. Fishing stream (1) Channel s		-	- Number				-		
(2) Barrier re		-	Number						
(3) Spawning			Rods						
<ul><li>(4) Bank stab</li><li>(5) Fencing</li></ul>	lization		Rods Miles						
(6) Rough fis	h removal		Miles						
C. Fishing lakes (1) Aquatic p	and reservoirs		Acres						
(2) Rough fis	h removal		Acres						
(3) New fishi			Acres						
	ools of water		Acre Ft.						
( pawning ( 'encing	areas, shelters	, etc.	Number						
encing			Miles						
				TOTAL	\$3,901.00		22.00		

\* Total turkey population estimate within the district. All or part of

GPO 859 - 492

#### NARRATIVE WILDLIFE ANNUAL REPORT FY 1971

6500 C.03e

#### A. Habitat Management

The Ukiah District, in cooperation with the California Department of Fish and Game, completed the following wildlife habitat improvement accomplishments in FY 1971:

- 150 acres of discing and reseeding for deer.
- 10 acres of vegetative food and cover planting around two reservoits for upland game, small game and waterfowl.
- Improvement of two springs to provide dependable water.
- Completion of four miles of hunter access roads.

B. Animal Damage

Extensive porcupine damage was found on conifer plantations in the North Coast Resource Area last fall. As a result, strychnine salt blockaluminum canopy stations were placed in the field, covering an effective area of 80 acres. These stations were installed with the assistance of Bureau of Sports Fisheries and Wildlife personnel.

C. Wildlife Statistics

A spring survey of wild turkey populations by the C.D.F.& G. of birds released prior to and including 1970 is reflected in the population estimate on the data form. It is not known how many of these birds are making use of BIM habitat. There are no other significant changes in wildlife statistical information.

#### D. Other Problems

There are no specific wildlife program problems to be mentioned in this marrative.

## CALIENTE NCL & WMA

# I. Summary of the Use of the Area

## A. Public Use

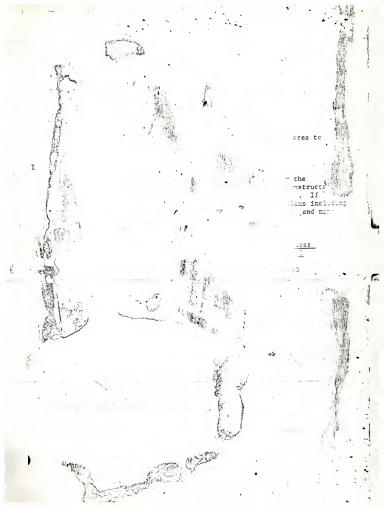
The lack of legal public access limited the use of the area to adjoining landowners and their friends.

# II. Summary of Management Work Accomplished

A. All engineering and design work has been completed for the Caliente access road. However, the road will not be constructed until the BLM can control and manage the use of the area. If the area is opened now it would create management problems including uncontrolled off-road vehicle use, vandalism, littering, and many other problems associated with public use areas.

#### B. Projects

				Repo	ort Expe	nditures	<u> </u>
Name		· No.	Units	BLM	Other	Total	
Cuyama	Exclosure	C1-R-4020	1	<sup>•</sup> 50	1200	1250	



# TEMBLOR NCL & WMA

# I. Summary of Use of the Area

# A. Public Use

There has been a continued increase in the use of this area by motorcyclists and other off-road vehicle operators. There has been no determination of man-days of use by operators of offroad vehicles. In spite of the increase in off-road vehicle use, hunting continues to be the prime recreational use of the area.

### B. Livestock Use

Precipitation was very low during Fiscal Year 1970. Forage production was correspondingly well below the long term average. This was reflected in reduced livestock production and wildlife habitat conditions.

# II. Summary of Management Work Accomplished

On June 8, 1971, the Section 15 Grazing Advisory Board met and the decision was made to phase out the present research project. The project will be phased out and the funds and project will be terminated during Fiscal Year 1972. During the period in which the present project is being phased out, Kern County will decided what other projects, if any, may suitable for the area.

# III. Management Problems

If the use of off-road vehicles continues to increase in all probability it will present a considerable impact on the vegetative cover and wildlife resources of the area.

#### Road Maintenance

Approximately 20 miles of the Lamont Meadows and Canebrake road was maintained during the spring of 1971.

#### Forest Products

Removal of 1494 Finon Pine Christmas trees in the Chimmey Peak area was made under Free Use Permits which provided family recreation for an estimated 3500 people on the 12th and 13th of December 1970, Another 260 trees were sold to two Boy Scout Explorer Posts from Ridgecrest and a church in Inyokern for resale.

Free Use permits were issued for 308 cords of Pinon Pine firewood within the Chimmey Peak area.

#### Fires

Eleven small fires occurred in the Chimmey Peak area during Fiscal Year 1971. All seven fires were less than one acre in size and were manned by the fire crew from the BLM field station at Chimmey Peak.

#### -I. Management Problems

The tremendous increase in the use of off-road vehicles on the public lands presents the most challenging management problem in the NOL & WMA. Destruction of the land resource, interference with the life cycles of wildlife species, distrubance of livestock, increased vandalism, trespass and litter, and disruption of the environment are all problems which have been created by off-road vehicles. Regulations and restrictions are sorely needed to get on top of this situation.

# Summary of Management Work Accomplished

# A. Forage Inventory

Field work for a forage inventory of all the NCL and WMA lands south of Highway 178 was completed during March - May of 1970. The survey has now been compiled and analyzed. The survey determined the proper livestock and deer carrying capacity for nearly ½ million acres. Wildlife requirements for all species present in the area were considered in establishing procedures for the survey. The area covered was bound on the east by Highway 14, on the south by Jawbone Canyon, on the west by the Flute Mountain portion of the Sequoia National Forest, and on the north by Highway 178. Several smaller portions of Federal lands were also surveyed around Lake Isabella. The survey will be used in developing allotment management plans for livestock grazing, wildlife habitat management plans, and for adding more detail and current information to our maps.

# B. City of Los Angeles - Second Aqueduct Rehabilitation

Rehabilitation work on the second City of Los Angeles aqueduct progressed rapidly during Fiscal Year 1971. Approximately 50% of the ripping work was completed. During the Fiscal Year 1972 the remainder of the ripping should be completed. Plans have also been made to establish four 25 acre test plots to determine which plant species are best suited for rehabilitation of the aqueduct. Several species of plants will be planted (drilled) and transplanted into the test plots. The City of Los Angeles has issued a \$7,000.00 contract for the collection of seed to be used in the plots.

C. Projects

1			Repor	t Expen	ditures
Name	No.	Units	BLM	Other	Total
Marques Spring	C1-R-4015	1	1400		1400
				•	
Cholla Canyon Wildlife Exclosure Maint.	C1-R-4025	1	300		100
Powers Well Wildlife Exclosure Maint.	C1-R-4024	1 ·	100		100
Unauthorized Occupancy removal		10	2000		2000
Well Maintenance		7	2700	300	3000
Trespass abatement (Grazing other uses)		1	100		100

# NATIONAL COOPERATIVE LAND AND WILDLIFE MANAGEMENT AREAS

# MONACHE - WALKER PASS NCL & WMA

# I. Summary of Use on the Area

A. Public Use

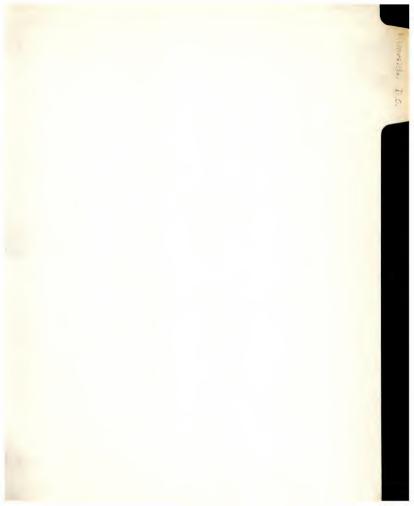
No estimate is available for the amount of public use that occured on the area during Fiscal Year 1971. This large block of public land is subjected to high-intensity use throughout all four seasons because of its relative nearness to the Los Angeles metropolitan area.

Special mention must be made regarding the popularity of the are for operators of off-road vehicles, particularly motorcyclists. -The area to the east of Kelso Valley and Kelso Creek to the Los Angeles Aqueduct has experienced a tremendous increase in off-road vehicle use in the last few years. This is particularly true of organized motorcycle events. The use primarily centered in the Dove Springs Canyon area, where courses for Enduro Races, Hare Scrambles, and European Scrambles have been established by clubs from the Los Angeles area.

In January 1971, the Bakersfield district established a "grass roots" citizens committee of thirteen different user groups to provide recommendations to the district concerning off-road vehicle use in eastern Kern County. The area under consideration consisted of approximately 350,000 acres of BLM administered lands. The committee recommend closing 100,000 acres to all off-road vehicles, restricting their use in 125,000 acres and leaving 125,000 acres to unregulated use. The high value wildlife lands south of Walker Pass to Barren Ridge were recommended for closure with administrative restrictions for vehicular use on designated roads and trails only. The El Paso Mountains have also been recommended for closure. The areas recommended for unregulated use or use with minimal restrictions primarily include Indian Wells Valley, the Rand Mountains and the public lands in the California City area. The remainder of the BLM administered land in eastern Kern County has been recommended for use with various types of restrictions.

## B. Livestock Use

Fiscal Year 1971 was a low to average precipitation year in most of the area. This was reflected in poor to average forage production for livestock and average wildlife habitat conditions.



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# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Riverside

Fiscal Year 1971

WILDLIFE ANNUAL REPORT GENERAL STATISTICS

		NAE STAT			T
1. HABITAT CONDI	TION	ACRES (	1,000's) UNSATIS.	6. WILDLIFE SURVEYS	NUMBER
Terrestrial		150	650	a. Use, condition and trend (transects)	
(1) Big game				b'. Stream and lake	
(2) Small game		2,000	500	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	1.152
(3) Waterfowl				a. Terrestrial	3
	NUMBER			a. Teffesular	
Aquatic (1) Lakes	1		78	b. Aquatic	
(2) Reservoirs	2	.02		8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	and the second
(3). Stream (total mi	les)	·	·	a. Terrestrial	. 2
2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		ACRES	MILES	b. Aquatic	1
		OF HABITAT	OF STREAMS	9. HABITAT EXPENDITURES	DOLLARS
Closure of private lands		153,000		a. Management	5672
Lack of physical access		7,000	·	b. Development	1420
TOTAL	(a + b)	160,000		c. Maintenance	
3. WATER	FOWL USE	BIRD	DAYS	TOTAL (Habitat Expenditures)	7092
Impoundments				10. RECREATION (State O/fices complete)	VISITOR DAYS
Natural wetlands				a. Hunting	
4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game	
Rare		2	130,000	(3) Waterfowl	
. Endangered		5	unknown	TOTAS (Hunting)	
5. WILDLIFE	PERSONN	EL	NUMBER	b. Fishing	
Biologists (CSC wi	ldlife serie	s)	÷	c. Nonconsumptive use	
Coordinators (traine	d or ustrain t coordinat		1	11. COMMERCIAL FISHING (lbs. harvested)	

Remains

				D HARVEST FROM		NUMBER		
ECIES	POPULATION	AMa	HARVEST	SPECIES	POPULATION	AMs	HARVEST	
ntelope	POPULATION	0.00		SUBTOTAL (con'l)				
ear				Elk				
Brown				Moose				
Black			44	Mountain Goat		-		
affalo				Mountain Lion				
Caribou		-		Peccary				
Black Tail				Bighorn Sheep	1,800	21,600		
White Tail			-	Turkey				
Mule	2,500	21,000	75	Wolf				
SUBTOTAL	-,			GRAND TOTAL	4,300	42,600	75	
		13. D	IRECT HAB	ITAT IMPROVEME	NTS			
				Office Completes)		COST		
	ITEM		UNIT OF WORK	UNITS COM- PLETED	BUREAU CON		NTRIBUTED	
a. Wildlife food (1) Prescri	1 and cover bed burning		Acres					
	spraying, chai	ning	Acres					
(3) Seeding	and planting		Acres					
(4) Waterfo			Acres					
(5) Fencing	z		Miles					
(6) Wildlife	water develop	ments	Number					
<ul> <li>Fishing streams</li> <li>(1) Channel structures</li> </ul>			Number					
(2) Barrier	removal		Number			!·		
(3) Spawni	ng areas		Rods					
(4) Bank s	tabilization		Rods					
(5) Fencin			Miles					
	fish removal		Miles					
c. Fishing lal	ces and reservo c plant control	irs	Acres					
			Acres					
			Acres					
(2) Rough	shing lakes		Acrea					
(2) Rough (3) New fi (4) Minimu	shing lakes	er	Acre Ft.					
(2) Rough (3) New fi (4) Minimu	shing lakes im pools of wate ing areas, shelt	er						

GPO 859 - 492

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# Wildlife Annual Report

#### Narrative

#### A. Habitat Management

For the FY 1971 this consisted mainly of custodial management and interagency cooperation. Two water improvements were developed cooperatively with California Department of Fish and Game, and an aquatic habitat was protected with a fence constructed with Bureau funds and manpower.

# B. Animal Damage

Very limited control in San Bernardino County. Estimated one or two requests for control in FY 1972.

### C. Wildlife Statistics

Deer harvest has increased slightly over past years, but is still low in relation to estimated populations. Outlook is about the same forbig game in 1972, and a decline in upland game bag due to the cool, rainy spring this year.

#### D. Wildlife Personnel

The Range Conservationist that functioned as Wildlife Coordinator took an Area Manager's position about halfway through the year. Because of this, programmed wildlife work was not completed and the whole discipline faltered. However, a District Wildlife Specialist was hired in July, and the outlook for 1972 is brighter.

A temporary Biological Technician is developing an intensive inventory of rare, endangered, and isolated species for the district as well as assisting the specialist in other job functions.

#### E. Other Problems

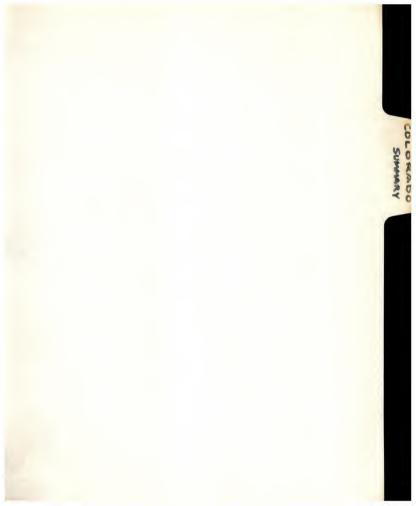
None at present, save for continuing access difficulties to an area of public land in San Diego County.

#### F. Non-Consumptive Uses

Using an estimated 2.9 million recreation visitor days of which an estimated 60,000 are hunter days, the remainder of 2,840,000 is wildlife enhanced, and non-consumptive.

# G. Waterfowl

Waterfowl use is restricted to scattered reservoirs, the Salton Sea, and the Colorado River. Use on Public lands is not felt to be significant.



IN REPLY REFER TO:

CO



# UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

5-930

COLORADO STATE OFFICE ROOM 700, COLORADO STATE BANK BUILDING 1600 BROADWAY DENVER, COLORADO 80202 6501

November 16, 1971

Memorandum

To: Director (360)

From: State Director, Colorado

Subject: Annual Wildlife Report, FY 1971

Attached is the above report and narrative.

Attachment

## FY 1971 Wildlife Annual Report Narrative

#### A. Habitat Management

One cost sharing project was completed in cooperation with the Colorado Division of Game, Fish and Parks. This included the chaining of 1,027 acres and the seeding of 696 acres.

### B. Animal Damage

A long battle with the BSFGM took place over guidelines for animal control. Since the issuance of Instruction Memos 71-149 and 71-222 things have calmed down considerably. The BSFGM is not completely satisfied with our policy, but the ranchers and conservationists have accepted it.

### C. Wildlife Statistics

Several fluctuations occurred in the statistics this year due to the refinement of data gathering processes.

Total hunter days increased about 60% over FY 1970. This was due to good weather during the hunting season.

Total fisherman days show a great reduction. This is due to a new reporting system of fishing use.

(Jul)	1 6500-1 7 1970) rmerly 6960-1)	DEPARTM	NITED STAT ENT OF THE OF LAND MAI	INTERIOR			
			E ANNUAL			Fiscal Year 1971	
	1. HABITAT CON	DITION	ACRES (	1,000's) UNSATIS	6. WILDLIF	E SURVEYS	NUMBER
	Terrestrial				a. Use, condition an	d trend (transects)	298
	(1) Big game		4,876	3,202	b. Stream and lake		10
	(2) Small game		.5,748	876	7. HABITAT MAN	AGEMENT PLANS	
	(3) Waterfowl		8	5	a. Terrestrial	e Species)	
	Aquatic	NUMBER					2
	(1) Lakes	36	694	5	b. Aquatic		-
	(2) Reservoirs	59	2,885	305		OPMENT PROJECTS	
	(3) Stream (total n	niles)	757	584	a. Terrestrial		. 1
2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED		ACRES	MILES	b. Aquatic		-	
1	AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		OF HABITAT	OF STREAMS	9. HABITAT E	EXPENDITURES	DOLLARS
a.	Closure of private	lands	1,159,980	70	a. Management	40,380	
υ.	Lack of physical a	ccess	70,000	35	b. Development		73,220
	Τοται	L (a + b)	1,229,980	105	c. Maintenance	9,620	
	3. WATE	RFOWL USE	BIRD	DAYS	TOTAL (Habita	t Expenditures)	123,020
a.	Impoundments		85,	250	10. REC (State Offic	VISITOR DAYS	
b.	Natural wetlands		588,	250	a. Hunting (1) Big game	2 312.1	437,700
	4. RARE AND END SPECIES	ANGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	f'Oue	95,654
a.	Rare	-X-	5	t/	(3) Waterfowl		1,600
ь.	. Endangered 5			1/	-	FOTAL (Hunting)	534,954
5. WILDLIFE PERSONNEL			NUMBER	b. Fishing		85,348	
a.	Biologists (CSC u	vildlife serie	s)	5	c. Nonconsumptive	use	45,000
b. Coordinators (trained or untrained district coordinators)				1	11. COMMERCIAL F	ISHING (lbs. barvested)	

Remarks 1/ Acres of habitat are unknown at this time. Some of these species are only suspected to be in the area, but have not been verified at this time.

(Instructions inside back cover)

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	1			D HARVEST FR					
SPECIES	POPULATION	NUMBER AMs	HARVEST	SPECIES	POPULATION	NUMBER AMs	HARVEST		
Antelope	7,730	60,975	1,561	SUBTOTAL (con't)	174,705	986,605	31,162		
Bear Brown	-			Elk	.13,150	43,512	1,019		
DIOWN				Moose					
Black	275	850	15	Mountain Goat					
Buffalo	25	300	-	Mountain Lion	7	35			
Caribou					140	1;040	30		
Deer Black Tail				Peccary Bighorn Sheep	-				
White Tail			1	Turkey	455	1,009	6		
Mule	166,675	924,480	29,586	Wolf	433	3,300	30		
SUBTOTAL	174,705	986,605	31,162	GRAND TOTA	L 188,793	1,035,701	32,247		
				AT IMPROVEME (fice Completes)	ENTS				
)	ITEM		UNIT OF WORK	UNITS COM- PLETED	BUREAU	COST BUREAU CONTRIBUTED			
a. Wildlife food : (1) Prescribe			Acres						
	praying, chain	ing	Acres	1,027	8,626.25				
(3) Seeding a			Acres	696	1,991.64	12,42	12,425.51		
(4) Waterfowl	marsh	•	Acres						
(5) Fencing			Miles						
(6) Wildlife w	ater developm	ents	Number						
<ul> <li>b. Fishing stream</li> <li>(1) Channel stream</li> </ul>			Number						
(2) Barrier re			Number						
(3) Spawning			Rods						
(4) Bank stat	oilization		Rods						
(5) Fencing			Miles						
(6) Rough fis	h removal		Miles						
<ul> <li>Fishing lakes</li> <li>(1) Aquatic p</li> </ul>		3	Acres						
(2) Rough fis	h removal		Acres						
(3) New fishi			Acres						
	pools of water		Acre Ft.						
	areas, shelter	s, etc.	Number						
(6) Fencing			Miles						

# 12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

GPO 859 - 492



AAY INE EDITION BAA FPMR (41 CPR) 101-11.6



6960.1(930)

DATE: September 13, 1971

FROM : Acting State Director, Idaho

TO

SUBJECT: Wildlife Annual Report - FY 1971 .

Attached is a copy of the consolidated Idaho Wildlife Annual Report. We have also included copies of the district reports and narrative.

Richard H. Petrie

Attachments

BUREAU OF LAND MANAGEMENT. COMMUNICATIONS UNIT. SEP 15 1971 PM 7,8,9,10.11.12,1,2,3,4,5,6

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Form 6500-1 ly 1970) ormerly 6960-1)

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## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Fiscal Year

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## WILDLIFE GENERAL STATISTICS

ANNUAL	REPORT	

÷			E ANNUAL			1971	
	1. HABITAT CONDI	ITION	ACRES (	1,000's) UNSATIS.	6. WILDLIFE	E SURVEYS	NUMBER
a.	Terrestrial (1) Big game 3407			3303	<ul> <li>a. Use, condition and</li> <li>b. Stream and lake</li> </ul>	1 trend ( <i>transects</i> )	146
_	<ul><li>(2) Small game</li><li>(3) Waterfowl</li></ul>		2997 27	2248 8	7. HABITAT MAN (Wildlife	AGEMENT PLANS Species)	6
ь.	Aquatic	NUMBER	133	8	a. Terrestrial b. Aquatic		3
_	(1) Lakes (2) Reservoirs	40	102	51	8. HABITAT DEVEL	OPMENT PROJECTS or contracted)	
-	(3) Stream (total mi		1,458	856	a. Terrestrial	or connected?	14
	2. TERRESTRIAL	ACRES OF	MILES	b. Aquatic	-	1	
	TO PUBLIC ACCESS BY		HABITAT	STREAMS	9. HABITAT E	XPENDITURES	DOLLARS
	Closure of private la	Closure of private lands 869		360	a. Management		63,897
ь.	Lack of physical ac	cess	4,233,754	493	b. Development		25,365
_	TOTAL	(a + b)	5,103,726	853	c. Maintenance	-	5,000
_	3. WATER	FOWLUSE	BIRD	-DAYS	TOTAL (Habitat	Expenditures)	94,262
a	Impoundments		7;119	,000	10. REC (State Offic	REATION es complete)	VISITOR DAYS
ь.	Natural wetlands		24,817	,800	a. Hunting (1) Big game		135,700
	4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game		63,300
a	Rare		2	43,300	(3) Waterfowl		13,700
ь	Endangered		2	4,150	. 1	TOTAL (Hunting)	212,700
	5. WILDLIFE	E PERSONN	EL	NUMBER	b. Fishing		252,000
a	Biologists (CSC with			5	c. Nonconsumptive	use	250,800
ь	Coordinators (traine distric	ed or untrai et coordinal		2	11. COMMERCIAL F	ISHING (lbs. barvested)	1,125,67

narks

	1	NUMBER		1			
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	NUMBER	HARVEST
Intelope	10,415	92,390	1,135	SUBTOTAL (con't)	130,675	630,980	18,515
Bear Brown				Elk	197,780	19,842	345
Black	205	485	21	Moose	185	530	12
Buffalo	385	485	21	Mountain Goat	75	60	
Caribou				Mountain Lion	165	1,120	22
				Peccary			·
Deer Black Tail				Bighorn Sheep	320	2,640	3
White Tail	6,300	32,600	160	Turkey	50	200	
Mule	113,575	505,505	17,199	Wolf			
SUBTOTAL	130,675	630,980	18,515	GRAND TOTA	L 289,250	655,372	18,897
				TAT IMPROVEM	ENTS	-	
			UNIT	UNITS		COST	
1	ITEM		OF	COM-	BUREAU		RIBUTED
			WORK	PLETED	BUREAU	CONT	RIBUTED
a. Wildlife food (1) Prescribe			WORK Acres	PLETED	BUREAU	C ON 1	-
(1) Prescribe (2) Release s	d burning spraying, chain	ing	Acres Acres	PLETED	BUREAU	C 0N 1	RIBUTED
(1) Prescribe (2) Release s (3) Seeding a	d burning spraying, chain nd planting	ing	Acres Acres Acres	PLETED	BUREAU	C ON 1	RIBUTED
<ul> <li>(1) Prescribe</li> <li>(2) Release s</li> <li>(3) Seeding a</li> <li>(4) Waterfowl</li> </ul>	d burning spraying, chain nd planting	ing	Acres Acres Acres Acres		BUREAU	CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release s</li> <li>Seeding a</li> <li>Waterfowl</li> <li>Fencing</li> </ol>	d burning spraying, chain nd planting marsh		Acres Acres Acres Acres Miles	PLETED	BUREAU	C ON 1	TRIBUTED
<ol> <li>Prescribe</li> <li>Release s</li> <li>Seeding a</li> <li>Waterfowl</li> <li>Fencing</li> </ol>	d burning spraying, chain nd planting marsh vater developments		Acres Acres Acres Acres	PLETED	BUKEAU		RIBUTED
<ol> <li>Prescribe</li> <li>Releases</li> <li>Seeding a</li> <li>Seeding a</li> <li>Waterfowl</li> <li>Fencing</li> <li>Wildlife v</li> <li>Fishing streat</li> <li>Channel s</li> <li>Castrier retire</li> </ol>	d burning spraying, chain nd planting marsh vater developme ms structures moval		Acres Acres Acres Acres Miles Number	PLETED	BUREAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release s</li> <li>Seeding a</li> <li>Seeding a</li> <li>Seeding a</li> <li>Seeding a</li> <li>Sercing</li> <li>Fencing</li> <li>Fishing strea</li> <li>Channel s</li> <li>Barrier re</li> <li>Spawning</li> </ol>	d burning spraying, chain nd planting marsh vater developme ms structures moval areas		Acres Acres Acres Acres Miles Number Number Number Rods	PLETED	BUKEAU		RIBUTED
<ol> <li>Prescribe</li> <li>Releases</li> <li>Seeding a</li> <li>Seeding a</li> <li>Fencing</li> <li>Fencing</li> <li>Wildlife w</li> <li>Fishing strea</li> <li>Channel s</li> <li>Barrier re</li> <li>Spawning</li> <li>Bank stal</li> </ol>	d burning spraying, chain nd planting marsh vater developme ms structures moval areas		Acres Acres Acres Miles Number Number Number Rods Rods	PLETED	BUKEAU		
<ol> <li>Prescribe</li> <li>Release 1</li> <li>Seeding a</li> <li>Seading a</li> <li>Waterfowl</li> <li>Fencing</li> <li>Fishing strea</li> <li>Channel s</li> <li>Castrier re</li> <li>Spawning</li> <li>Barrier re</li> <li>Spawning</li> <li>Fencing</li> <li>Fencing</li> </ol>	d burning spraying, chain nd planting marsh vater developme ms structures moval areas jilization		Acres Acres Acres Miles Number Number Number Rods Rods Miles	PLETED	BUKEAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release: a</li> <li>Seeding at</li> <li>Seeding at</li> <li>Seeding at</li> <li>Waterfowl</li> <li>Fencing</li> <li>Fishing stread</li> <li>Fishing stread</li> <li>Channel s</li> <li>Barrier re</li> <li>Spawning</li> <li>Bank stat</li> <li>Fencing</li> <li>Rough fis</li> </ol>	d burning spraying, chain nd planting marsh vater developme ms structures moval areas oilization h removal	ents	Acres Acres Acres Miles Number Number Number Rods Rods	PLETED	BUKEAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release 1</li> <li>Seeding a</li> <li>Seading a</li> <li>Waterfowl</li> <li>Fencing</li> <li>Fishing strea</li> <li>Channel s</li> <li>Castrier re</li> <li>Spawning</li> <li>Barrier re</li> <li>Spawning</li> <li>Fencing</li> <li>Fencing</li> </ol>	d burning spraying, chain nd planting marsh vater development structures moval areas pilization h removal and reservoirs	ents	Acres Acres Acres Miles Number Number Number Rods Rods Miles	PLETED	BUKEAU		KIBUTED
<ol> <li>Prescribe</li> <li>Release:</li> <li>Seeding:</li> <li>Seeding:</li> <li>Seeding:</li> <li>Fencing:</li> <li>Waterfowl</li> <li>Fishing streat</li> <li>Channel s</li> <li>Channel s</li> <li>Bariser end</li> <li>Spawning</li> <li>Bank stat</li> <li>Fencing</li> <li>(6) Rough fis</li> <li>Fishing lakes</li> </ol>	d burning spraying, chain md planting marsh vater development structures moval areas bilization h removal and reservoirs lant control	ents	Acres Acres Acres Acres Miles Number Number Rods Rods Rods Miles Miles	PLETED	BUKEAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release :</li> <li>Release :</li> <li>Seeding a</li> <li>Waterfowl</li> <li>Fencing</li> <li>Fencing (6) Wildlife v</li> <li>Fishing strea</li> <li>Channel :</li> <li>Darrier re</li> <li>Spawning</li> <li>Bank stal</li> <li>Fencing</li> <li>Go Rough fis</li> <li>Fishing lakes</li> <li>Aquatic p</li> <li>Rough fis</li> <li>Wr fishing lakes</li> <li>New fishing</li> </ol>	d burning spraying, chain and planting marsh vater developme ms structures moval areas pilization h removal and reservoirs lant control h removal ng lakes	ents	Acres Acres Acres Acres Miles Number Number Number Number Number Mules Miles Miles Acres Acres Acres		BUKEAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release :</li> <li>Seeding a</li> <li>Seeding a</li> <li>Waterfowl</li> <li>Fencing</li> <li>Fencing (6) Wildlife w</li> <li>Fishing strees</li> <li>Carrier re</li> <li>Spawning</li> <li>Bank stal</li> <li>Fencing (6) Fencing</li> <li>Rough fis</li> <li>Fishing lakes</li> <li>Fishing lakes</li> <li>Fishing lakes</li> <li>Fishing lakes</li> <li>Sing the stal</li> <li>Second fis</li> <li>Rough fis</li> <li>New fishing</li> <li>New fishing</li> </ol>	d burning spraying, chain of planting marsh vater developme ms structures moval areas allization h removal and reservoirs lant control h removal ng lakes pools of water	ents	Acres Acres Acres Acres Miles Number Number Number Rods Rods Miles Miles Miles Acres Acres Acres Acres		BUKEAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release :</li> <li>Seeding a</li> <li>Seeding a</li> <li>Waterfowl</li> <li>Fencing</li> <li>Fencing (6) Wildlife w</li> <li>Fishing strees</li> <li>Carrier re</li> <li>Spawning</li> <li>Bank stal</li> <li>Fencing (6) Fencing</li> <li>Rough fis</li> <li>Fishing lakes</li> <li>Fishing lakes</li> <li>Fishing lakes</li> <li>Fishing lakes</li> <li>Sing the stal</li> <li>Second fis</li> <li>Rough fis</li> <li>New fishing</li> <li>New fishing</li> </ol>	d burning spraying, chain and planting marsh vater developme ms structures moval areas pilization h removal and reservoirs lant control h removal ng lakes	ents	Acres Acres Acres Acres Miles Number Number Number Number Number Mules Miles Miles Acres Acres Acres		BUREAU		RIBUTED

## 12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

GPO 859 - 492

IDAN NARRATIVE - AD.

## A. HABITAT MANAGEMENT

## Boise District

Application for withdrawal the Snake River Birds of F. the fiscal year. The area value for prairie falcons, A pictorial resume and lan The dedication was held on Order has not been signed a

Three research studies are the district:

- Idaho Fish & Game habitat study
- 2. University of Ida... .Golden Eagle Stud
- University of Ida Prairie Falcon St

A research study on the Cal completed and thesis public.

A rest-rotation grazing ma acres of the Boise Front d designed to improve mule d of planned livestock managinvolved in the system is Department of Fish and Ga: individuals.

Burley District

The 51 big game utilizatic resulted in:

- 1. Increased coopera-Game Department, . Lands.
- 2. Recommendations . Game Department :
- Livestock grazing game winter range:

of public land for was completed during to of significant and other raptors. pleted in August 1970. The Public Land 10, 1971.

carried on within

se grouse

arch Unit -

rch Unit -

sheep has been rsity of Idaho.

initiated on 15,000 rear. The system is that through the use "sture system. Land ad by USFS, BLM, Idaho int of Lands, and private

.nter ranges have

, Idaho Fish and Department of Public

the Idaho Fish and

aned to enhance big

EPORT

At this time it appears that 13 additional transects will be necessary to have one transect per critical winter range area in the District.

Big game counts in February and March, 1971, showed location of additional new winter ranges on the public domain. Therefore, a substantial increase in numbers of deer and elk are shown on Form 6500-1 over last year.

## Idaho Falls District

A wildfire burned approximately 13,999 acres of critical moose and elk winter habitat north of St. Anthony last year. Rehabilitation of this area included the planting of approximately 20,000 bitterbrush seedlings and the seeding of 100 lbs. of bitterbrush seed. The rehabilitation was done in cooperation with the Idaho Fish and Game Department and the Boy Scouts of America.

Plans to modify existing water haul wells so that water will be available for wildlife was discussed with the Idaho Fish and Game Department. The modification of four wells on the big desert south of Big Southern Butte will probably be completed next year.

## Salmon District

Habitat improvement work continues on the Morgan Greek and East Fork of the Salmon River Bighorn Sheep ranges. In the Spring of 1972 we should begin a system of rest-rotation grazing that will be of great benefit to wildlife, watershed and livestock. In FY 1971 we have sprayed sagebrush, chained sagebrush, developed springs and constructed fences to implement the habitat management plan.

The district has continued to expand it's cooperative big game habitat and population studies with the Idaho Fish and Game Department and the USFS.

The district has initiated a program of big game winter range mapping in conjunction with the Idaho Fish and Game Department's winter trend counts.

The district has participated in a sage grouse trapping and tagging program with the Idaho Fish and Game Department and the USFS to study bird migration and map key habitat in the Big Lost River drainage.

The district has cooperated with the Idaho Fish and Game Department in evaluating fish habitat improvement structures on Birch Creek and Summit Creek. The district personnel have continued their work on attempting to improve Willow Creek Summit mountain mahogany stands.

#### Shoshone District

The habitat management work completed during the last fiscal year concerned itself only with maintaining the few projects which have been developed in previous years. Although no wildlife projects per se have been completed, wildlife habitat improvements were considered in the development and/or completion of the range improvement projects and allotment management plans that were done this past year.

At all times all agencies concerned with wildlife management were contacted and suggestions were requested when it was evident that our management would have some affect on wildlife. The rapport this offlice has with other agencies, especially the State Fish and Game Department, is considered excellent.

## Coeur d'Alene District

The district Wildlife Extensive Inventory was completed during the fiscal year. This inventory involved cooperative efforts with two regional fish and game officers and seventeen fish and game conservation officers.

Assistance was extended to the Idaho Fish and Game Department during the annual spring big game aerial census.

Fishery habitat surveys were made on two high mountain lakes during the fiscal year.

## B. ANIMAL DAMAGE

The extensive publicity in Wyoming has created much concern and interest in the Idaho animal control program. We have been working closely at the State and district levels with personnel of the Division of Wildlife Services, BSF&W to effect a reasonable program of far less magnitude than has been carried on in the past. The number of 1060 bait stations has been reduced from about 3000 statewide to about 1200. Further reductions will occur during FY 1972. During FY 1971 three valuable field trial dogs were killed at a bait station in the Burley District. A \$79,295 claim was filed against the U. S. Government on August 4, 1971, as a result of this loss.

## Boise District

A predator loss inquiry was malled to all livestock operators within the district. The following results were obtained for losses occurring during calendar year 1970:

No. sheep operators No. cattle operators	No. 44 515	No. <u>Rept.</u> <u>30</u> <u>139</u>	% Rept. 68 27	No. Rept. no losses 0 85	Lost to <u>Pred.</u> 5,110 189	Lost to other than Pred. 670 696
TOTALS	559	169	30	85	5,299	1,366

Reported predator losses by species of predator:

	Coyote	Red Fox	Bobcat	Cougar	Bear	Eagle	Total
Sheep	Coyote 3,547	3	574	180	411	Eagle 395	5,110
Cattle	165	-	17	2	5	-	189

Specific animal control problem areas are being identified through the use of the report.

## Burley District

The number and location of 1080 bait stations is being evaluated very carefully.

## Idaho Falls District

A meeting was held in Idaho Falls to discuss the BLM's new policy on predator control. Attending the meeting were personnal from BLM, Idaho Fish and Game, BSF&W, Atomic Emergy Commission, State Land Department, SCS, County Agents, and members of the Advisory Board.

## Salmon District

Kill verification information is being gathered from the Division of Wildlife Services as a tool to properly manage the predator control program.

#### Shoshone District

This office has received no animal damage complaints during the last year, with the exception of isolated areas where either coyotes and/or bears have caused noticeable sheep losses.

#### Coeur d'Alene District

Other than the annual porcupine damage to recreation site register boxes, no animal damage occurred during the fiscal year.

No predator control programs are currently being carried out on district land.

# C. WILDLIFE STATISTICS

There are few changes in the statistics reported for FY 1971 from those reported in FY 1970. Where changes have been made, they are a reflection of having been able to obtain better information.

Under Item 4 our Rare and/or Endangered Species in Idaho include:

- a. California Bighorn Sheep
- b. Prairie Falcon
- c. Bald Eagle
- d. Peregrine Falcon

The California bighorn sheep population in Idaho is a result of transplants from Williams Lake area, British Columbia in 1963, 1965, 1966 and 1967. A total of 50 sheep were released in Ownhee County, southwestern Idaho.

The prairie falcon is indigenous to the rocky canyon areas of all of the Snake River Plains area of southern Idaho. In the recently dedicated Snake River Birds of Frey Natural Area, L9 pairs of falcons were known to have nested in the Spring of 1970. This averages out at a nest each 300 to 100 yards. Less concentrated densities inhabit other similar habitat areas.

The bald eagle migrates into parts of Idaho during the winter periods concentrating mainly in areas utilized by waterfowl, spawning kokanee and blacktailed jackrabbits.

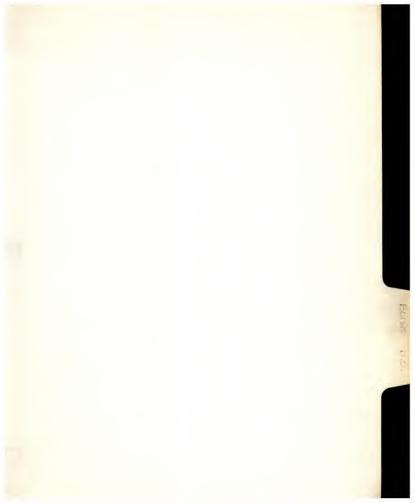
We know of one pair of nesting peregrine falcons and have sightings of peregrine falcons in two other areas. There is also apparently some winter migration into reaches of the Snake River.

In the rare and endangered category, we have indicated the presence of species but not the amount of habitat involved because we have not yet identified the magnitude of the use area. Acres of habitat will increase in future years as information becomes available.

# D. OTHER PROBLEMS

As the numbers of people pursuing outdoor recreational activities increases, blocking of access to public land is increasing.

Lack of man months and money for the wildlife resource and its associated public enjoyment is our major problem. Environmental review and animal control responsibilities have increased our regular work load tremendously.



Form 6500-1 ly 1970) formerly 6960-1)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Boise District

Fiscal Year 1971

## WILDLIFE ANNUAL REPORT GENERAL STATISTICS

		GENE	RAL STATI	STICS		1971	
			ACRES (		6. WILDLIFE	SURVEYS	NUMBER
	1. HABITAT COND	TION	SAT IS.	UNSATIS.			
a.	. Terrestrial (1) Big game		155	1,221	<ul> <li>a. Use, condition and</li> <li>b. Stream and lake</li> </ul>	trend (transects)	26
	(2) Small game		3	1	7. HABITAT MANA	GEMENT PLANS	
	(3) Waterfowl		9	5	a. Terrestrial	Species)	1
		NUMBER		-	a. renesulai		
b.	Aquatic (1) Lakes	6	-	.1	b. Aquatic		
	(2) Reservoirs	38	30	5	8. HABITAT DEVEL (Completed	OPMENT PROJECTS or contracted)	
	(3) Stream (total mi	les)	274	737	a. Terrestrial		
	2. TERRESTRIAL	AND	ACRES	MILES	b. Aquatic	80	
	TO PUBLIC ACCESS BY		OF HABITAT	STREAMS	9. HABITAT E	XPENDITURES	DOLLARS
	Closure of private lands		273,000	26	a. Management		15,000
ь.	Lack of physical ac	cess	2,500,000	383	b. Development		
-	TOTAL	(a + b)	2,773,000 409 c. Maintenance			5,000	
	3. WATER	FOWL USE	BIRD	-DAYS	TOTAL (Habitat Expenditures)		20,000
a	Impoundments		1,590,	000	10. RECI (State O//ic.	REATION es complete)	VISITOR DAYS
b.	Natural wetlands			-	a. Hunting (1) Big game	· ·	-
	4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game		
a	Rare		2	43,000	(3) Waterfow1		
b	Endangered		-		. T	OTAL (Hunting)	
-	5. WILDLIF	E PERSONN	EL	NUMBER	b. Fishing		
8	. Biologists (CSC wi	ldlife serie	s)	1	c. Nonconsumptive	use	-
Б	Coordinators (traine	ed or untrai		-	11. COMMERCIAL FI	SHING (lbs. barvested)	

marks

12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS NUMBER NUMBER SPECIES SPECIES POPULATION AMs HARVEST POPULATION AMs HARVEST SUBTOTAL. Antelope 1,400 11,900 60 (con't)Bear Elk 150 750 12 Brown Moose Black 25 150 Mountain Goat Buffalo Mountain Lion 25 160 4 Caribou Peccary Deer Black Tail Bighorn Sheep 120 1,440 1 White Tail 100 200 Turkey 50 200 Mule 30,000 200.000 3,500 Wolf SUBTOTAL GRAND TOTAL 31,525 212,250 3,560 31,870 214,800 3,577 13. DIRECT HABITAT IMPROVEMENTS (Washington Office Completes) COST UNIT UNITS ITEM OF COM-PLETED . . BUREAU CONTRIBUTED a. Wildlife food and cover (1) Prescribed burning Acres (2) Release spraying, chaining Acres (3) Seeding and planting Acres (4) Waterfowl marsh Acres (5) Fencing Miles (6) Wildlife water developments Number b. Fishing streams (1) Channel structures Number (2) Barrier removal Number (3) Spawning areas Rods (4) Bank stabilization Rods (5) Fencing Miles (6) Rough fish removal Miles c. Fishing lakes and reservoirs (1) Aquatic plant control Acres (2) Rough fish removal Acres (3) New fishing lakes Acres (4) Minimum pools of water Acre Ft. (5) Spawning areas, shelters, etc. Number (6) Fencing Miles TOTAL

GPO 859 - 492

## NARRATIVE -- ANNUAL WILDLIFE REPORT

## A. Habitat Management

The Snake River Birds of Prey Natural Area withdrawal covering 26,255 acres of public land was completed during the fiscal year. The area has major significant major value for prairie falcons, golden eagles, and other raptors. A pictorial resume and land report was completed in August, 1970. The dedicathn was held on August 24, 1971.

Three research studies are presently being carried on within the District:

- 1. Idaho Fish & Game Department Sage grouse habitat study
- 2. University of Idaho Wildlife Research Unit Golden eagle study
- 3. University of Idaho Wildlife Research Unit Prairie Falcon study

A research study on the California bighorn sheep has been completed and thesis published at the University of Idaho.

A rest-rotation grazing system was initiated on 15,000 acres of the Boise Front during the fiscal year. The system is designed to improve mule deer wintering habitat through the use of planned livestock management in a nine pasture system.

## B. Animal Damage

A predator report was mailed to all livestock operators within the District. The following results were obtained for losses occurring

during catendar year	No.	Rept.	Rept.	#Rept. No losses	Fred to	than pred.	
No. sheep operators	44	30	68%	0	5,110	670	
No. cattle operators	<u>515</u>	<u>139</u>	27%	85	189	696	
Total:	559	169	30%	85	5,299	1,366	

Reported predator losses by specie of predator -

	Covote	Red Fox	Bobcat		Bear	Eagle	Total
Sheep	3,547	3	574	180	411	395	5,110
Cattle	165	-	17	2	5	-	189

Specific problem areas are being identified through the use of the report.

## C. Wildlife Statistics

## 1b(2) Aquatic Reservoirs: Total - 38

## Satisfactory

## Unsatisfactory

Name	Surface Acres	Name	Surface Acres
C. Ben Ross	353	Spencer	26
Lucky Peak	3810	Blacks Creek	122
Indian Creek	56	Louisa Creek	16
Triangle Reservoir	87	Grasmere #2	85
Grasmere #1	168	Crane Creek	3,300
Immigrant Crossing	15	Buckhorn	125
, Cedar Creek	1200	Payne Creek	55
Salmon Falls	1700 .	Blue Creek	144
Hardesty	23	Bybee	73
Paddock	1500	Little Blue	188
Morrow	50	Blackstone	34
1/ Mountain Home	440 .	Jacks Creek	26
Brownlee	7550	Long Tom	200
C. J. Strike	7500	Trail Creek	140
Cove Arm	76	John Hoffman	8
1/ Barton	15	Upper Anderson	30
Oxbow	750	Lower Anderson	60
Lower Salmon Falls	420	Foreman #1 & 2	22
Anderson Ranch	4780	Crane Falls	92
	30,493		4,746

1/ Reservoirs adjacent to Burley or Baker Districts only 1/2 surface acreage used.

4(a) Rare species:

California	bighorn	sheep	16,250	acres
Prairie Fa	Leon		26,255	acres

Prairie falcon habitat includes only the Swan Falls Birds of Prey Natural Area. Other nesting habitat is being inventoried during 1972 F.Y.

5. Wilfife Personnel:

C. Mar

The District has one wildlife management biologist. Also three District personnel are wildlife graduates.

7(a) Habitat Nanagement Plans- Terrestrial:

The Juniper Mountain Wildlife Habitat Management Plan was revised during the fiscal year.

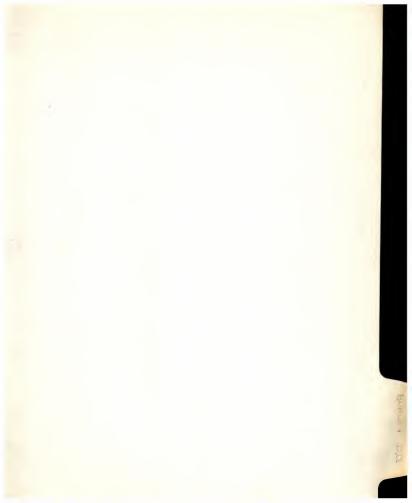
9(c) Maintenance included fences and water developments on Juniper Mountain and the dike maintenance on the Grandview Waterfowl Habitat area.

# D. Other problems:

Terrestrial habitat blocked to public access by closure of private lands is as follows:

Louisa Creek - Hyde Pasture - Mud Flat	21.121
East side of Juniper Mountain	40,410
Riddle Alktment	189,375
Bennett Mountain (Henley)	22,550
	273.456

In addition, since the initiation of the Snake River Birds of Prey Natural Area project, two of the four access roads into the 34-mile stretch of the river have been closed by private land owners.



Form 6500-1 (\*\*\*1y 1970) 'ormerly 6960-1).

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Burley District

Fiscal Year

## WILDLIFE ANNUAL REPORT GENERAL STATISTICS

_		GENE	ERAL STAT	ISTICS		1971	
-	1. HABITAT COND	ITION	ACRES		6. WILDLIFE	SURVEYS	NUMBER
-			SAT IS.	UNSATIS.			
a.	Terrestrial (1) Big game		687	116	a. Use, condition and	trend (transects)	- 51
-	(2) Small game		999		b. Stream and lake		
-	(3) Waterfowl		1	124	7. HABITAT MANA (Wildlife		1. 19
-		NUMBER		-	a. Terrestrial		2
ь.	Aquatic (1) Lakes				b. Aquatic		-
	(2) Reservoirs	19	52	1	8. HABITAT DEVELC (Completed of	PMENT PROJECTS	11 11 11 11 11 11 11 11 11 11 11 11 11
	(3) Stream (total mi	les)	67	2	a. Terrestrial	~ ~	
	2. TERRESTRIAL		ACRES	MILES	b. Aquatic		-
	TO PUBLIC ACC BY		OF HABITAT	OF STREAMS	9. HABITAT EXPENDITURES		DOLLARS
	Closure of private la	ands	375,000	20	a. Management		20,580
ь.	Lack of physical ac	cess	26,000		b. Development	× •	7,565
_	TOTAL	(a + b)	401,000	20	c. Maintenance	- X	
_	3. WATER	FOWL USE	BIRD	-DAYS	TOTAL (Habitat	Expenditures)	28,145
a.	Impoundments		2,	400,000	10. RECR (State Office:		VISITOR DAYS
ь.	Natural wetlands		2 23,	000,000 <sup>1</sup>	a. Hunting		
	4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game		38
a.	Rare				(3) Waterfowl		
ь.	Endangered		2	4,000	Тс	DTAL (Hunting)	
-	5. WILDLIFE	PERSONNE	EL	NUMBER	b. Fishing		
a.	Biologists (CSC wil	dlife series	;)	1	c. Nonconsumptive us	se	
b.	Coordinators (trained	d or untrain t coordinate		-	11. COMMERCIAL FIS	HING (lbs. barvested)	

P- marks

1 Estimated bird days on Dingle Marsh.

SPECIES .		NUMBER		SPECIES		NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	15	90	3	SUBTOTAL (con't)	20,585	96,760	8,229
Bear Brown	-		7	Elk	330	1,620	101
Black	5	15		Moose	15	30	4
Buffalo				Mountain Goat			
Caribou				Mountain Lion	30	360	7
Deer				Peccary			
Black Tail		-		Bighorn Sheep			
White Tail				Turkey			
Mule	20,565	96,655	8,226	Wolf			
SUBTOTAL	20,585	96,760	8,229	GRAND TOTA	L 20,960	98,770	8,341
				TAT IMPROVEM (fice Completes)	ENTS		
			UNIT	UNITS		COST	
	ITEM		OF WORK	COM- PLETED	BUREAU	CON	TRIBUTED
a. Wildlife food (1) Prescribe			Acres				
	spraying, chaini	ng	Acres				
(3) Seeding a			Acres				
(4) Waterfow	marsh		Acres				
(5) Fencing			Miles				
(b) Wildlife v	vater developme		Number				
<ul> <li>b. Fishing streat</li> <li>(1) Channel streat</li> </ul>			Number				
	moval		Number				
- (2) Barrier re							
<ul> <li>(2) Barrier re</li> <li>(3) Spawning</li> </ul>			Rods				
(3) Spawning (4) Bank stal	areas		Rods				
<ul> <li>(3) Spawning</li> <li>(4) Bank stal</li> <li>(5) Fencing</li> </ul>	areas bilization		Rods Miles				
(3) Spawning (4) Bank stal	areas bilization		Rods		•		
(3) Spawning (4) Bank stal (5) Fencing (6) Rough fis	areas bilization h removal and réservoirs		Rods Miles				
<ul> <li>(3) Spawning</li> <li>(4) Bank stal</li> <li>(5) Fencing</li> <li>(6) Rough fis</li> <li>c. Fishing lakes</li> </ul>	areas bilization th removal and réservoirs plant control		Rods Miles Miles	· · · · ·	:		
<ul> <li>(3) Spawning</li> <li>(4) Bank stal</li> <li>(5) Fencing</li> <li>(6) Rough fis</li> <li>(6) Rough fis</li> <li>(1) Aquatic p</li> <li>(2) Rough fis</li> <li>(3) New fishi</li> </ul>	areas bilization h removal and réservoirs blant control h removal ing lakes		Rods Miles Miles Acres Acres Acres	· · · ·	······································		
(3) Spawning (4) Bank stal (5) Fencing (6) Rough fis (7) Aquatic p (2) Rough fis (3) New fishi (4) Minimum	areas bilization h removal and reservoirs lant control h removal ing lakes pools of water		Rods Miles Miles Acres Acres Acres Acres				
(3) Spawning (4) Bank stal (5) Fencing (6) Rough fis (7) Aquatic p (2) Rough fis (3) New fishi (4) Minimum	areas bilization h removal and réservoirs blant control h removal ing lakes	, etc.	Rods Miles Miles Acres Acres Acres	· · · · · · · · · · · · · · · · · · ·			

GPO 859 - 492

## NARRATIVE

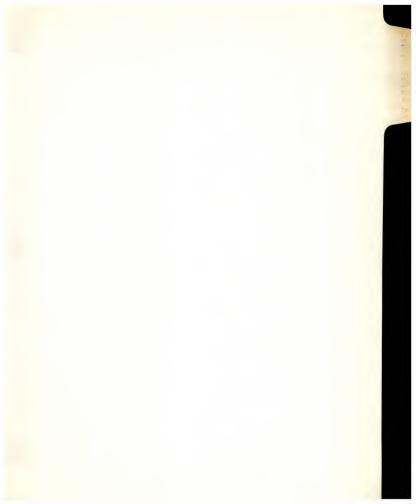
The 51 big game utilization transects on winter ranges have resulted in:

- Increased cooperation between B.L.M., Idaho Fish and Game Department, U. S. Forest Service, and Idaho Department of Public Lands.
- Recommendations from the B.L.M. to the Idaho Fish and Game Department on hunting seasons.
- Livestock grazing programs designed to enhance big game winter ranges.

At this time it appears that 13 additional transects will be necessary to have one transect per critical winter range area in the District.

Big game counts in February and March, 1971, showed location of additional new winter ranges on the public domain. Therefore, a substantial increase in numbers of deer and elk are shown on Form 6500-1 over last year.

The Sublett-Black Pine Deer Herd remains a problem with 2,000 to 3,000 deer migrating across I 80N each spring and fall. After two years of study by B. L. M. and the Idaho Fish and Game Department, definite recommendations to alleviate the problem are being drafted.



n 6500-1 y 1970) (formerly 6960-1)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Idaho Falls District

Fiscal Year

WILDLIFE ANNUAL REPORT GENERAL STATISTICS

*	15 ca	•	1	Ca	•
		1	9	71	

		GENE	RAL STAT		+3/1	1
	1. HABITAT CON	DITION	ACRES (	UNSATIS.	6. WILDLIFE SURVEYS	NUMBER
a.	Terrestrial (1) Big game		900	300	a. Use, condition and trend (transects)	12
-	(2) Small game		600	200	b. Stream and lake	-
-	(3) Waterfow1		2	2	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	
b.	Aquatic (1) Lakes	NUMBER	6		a. Terrestrial b. Aquatic	-
-	(2) Reservoirs		6	45	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	R
	(3) Stream (total miles)		100		a. Terrestrial	-
-	2. TERRESTRIAL AND		ACRES	MILES	b. Aquatic	-
	AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		OF HABITAT	OF STREAMS	9. HABITAT EXPENDITURES	DOLLARS
a	a. Closure of private lands		22,964	81	a. Management	9,657
ь.	Lack of physical a	ccess	10,884	55	b. Development	-
-	TOTAL	, (a + b)	33,848	136	c. Maintenance	-
	3. WATE	RFOWL USE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	9,657
a	Impoundments		-		10. RECREATION (State O//ices complete)	VISITOR
b	Natural wetlands				a. Hunting (1) Big game	
	4. RARE AND END SPECIES	ANGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	
a	Rare		1	300	(3) Waterfowl	
ь	. Endangered		1		TOTAL (Hunting)	
-	5. WILDLIF	E PERSONNE	EL	NUMBER	b. Fishing	
	Biologists (CSC w	ildlife serie:	s-)	-	c. Nonconsumptive use	
Б	. Coordinators (train	ned or untrain ict coordinat		1	11. COMMERCIAL FISHING (lbs. barvested)	

emarks

	12. WIL	DLIFE POP	JLATIONS AN	D HARVEST FR	OM PUBLIC LA	NDS	
SPECIES		NUMBER		SPECIES		NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	3,500	35,000	370	SUBTOTAL (con't)	28,700	117,400	2,680
Bear Brown				Elk	•	5,600	. 20
Black				Moose	150	450	5
Buffalo				Mountain Goat			
Caribou	Caribou			Mountain Lion	10		1
Deer	+		-	Peccary			
Black Tail				Bighorn Sheep			
White Tail	200	2,400	10	Turkey			
Mule	25,000	80,000	2,300	Wolf			
SUBTOTAL		117,400		GRAND TOTA	L 30,260	123,450	2,706
	20,700			AT IMPROVEM			
				(fice Completes)		COST	
•	ITEM		UNIT OF WORK	UNITS COM- PLETED	BUREAU	T	RIBUTED
<ul> <li>a. Wildlife food</li> <li>(1) Prescribe</li> </ul>	d burning		Acres		_		- 1
(2) Release : (3) Seeding a	spraying, chain	ing	Acres Acres				
(4) Waterfowl			Acres		······································		
(5) Fencing	maran		Miles				
	vater developme	ents	Number				
<ul> <li>b. Fishing streat</li> <li>(1) Channel streat</li> </ul>			Number				-
(2) Barrier re	moval		Number				
(3) Spawning			Rods				
(4) Bank stal	bilization		Rods				
(5) Fencing			Miles				
(6) Rough fis	sh removal		Miles	· · ·			
<ul> <li>c. Fishing lakes</li> <li>(1) Aquatic p</li> </ul>			Acres				
(2) Rough fis	h removal		Acres				-
(3) New fish	ing lakes		Acres				
	pools of water		Acre Ft.				
	areas, shelters	s, etc.	Number			-	
(6) Fencing			Miles				
				TOTAL			

## WILDLIFE ANNUAL REPORT ( FY 1971)

#### NARRATIVE

A wildfire burned approximately 13,999 acres of critical moose and elk winter habitat north of St. Anthony last year. Rehabilitation of this area included the planting of approximately 20,000 bitterbrush seedlings and the seeding of 400 lbs of bitterbrush seed. The rehabilitation was done in cooperation with the Idaho Fish and Game Department and the Boy Scouts of America.

Plans to modify existing water haul wells so that water will be available for wildlife was discussed with the Idaho Fish and Game Department. The modification of four wells on the big desert south of Big Southern Butte will probably be completed next year.

A meeting was held in Idaho Falls to discuss the BLM's new policy on predator control. Attending the meeting were personnel from BLM, Idaho Fish and Game, Bureau of Sports Fisheries and Wildlife, Atomic Energy Commission, State Land Department, SCS, County Agents, and members of the Advisory Board.

Last year's report listed the sandhill crane as rare, although it is not on the rare or endangered list. However, the bald eagle and prairie falcon are found in the Idaho Falls District.

The major problem concerning wildlife continues to be the lack of a full-time wildlife biologist. The present wildlife specialist also serves as Atea Manager and cannot devote enough time to wildlife habitat problems. m 6500-1 (July 1970) .(formerly 6960-1)

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#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Salmon District

Fiscal Year

1971

## WILDLIFE ANNUAL REPORT GENERAL STATISTICS

			ACRES (	1,000's)	6. WILDLIFE SURVEYS	NUMBER
	1. HABITAT COND	ITION	SAT IS.	UNSATIS.	6. WILDLIFE SURVETS	HUMBER
	Terrestrial (1) Big game				a. Use, condition and trend (transects)	49
	(I) Big game		775	500	b. Stream and lake	-
_	(2) Small game		1,000	130	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	
	(3) Waterfowl		2	_ ^ ^	a. Terrestrial	-
b.	Aquatic (1) Lakes	NUMBER			b. Aquatic	-
	(2) Reservoirs	2	80		8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	1.0
	(3) Stream (total mi		720	80	a. Terrestrial	4
-	2. TERRESTRIAL AND		ACRES	MILES	b. Aquatic	1
	AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		OF HABITAT	OF	9. HABITAT EXPENDITURES	DOLLARS
<b>a</b> .	Closure of private lands		62,400	35	a. Management	14,520
ь.	Lack of physical ac	cess	196,870	1	b. Development	17,500
_	TOTAL	(a + b)	259,270	36	c. Maintenance	-
	3. WATER	RFOWLUSE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	32,020
a.	Impoundments		100,	000	10. RECREATION (State Offices complete)	VISITOR DAYS
ь.	Natural wetlands		900,	000	a. Hunting (1) Big game	
	4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	
а.	Rare		-	-	(3) Waterfowl	
ь.	Endangered		-	-	TOTAL (Hunting)	
-	5. WILDLIF	E PERSONN	EL	NUMBER	b. Fishing	-
a	Biologists (CSC wi	ildlife serie	:s)	1	c. Nonconsumptive use	
1	Coordinators (train	ed or untra ct coordina		-	11. COMMERCIAL FISHING (lbs. barvested)	•

remarks

Sale .

Land

	12. WIL	DLIFE POP	ULATIONS AN	D HARVEST F	ROM PUBLIC LA	NDS	
SPECIES		NUMBER		SPECIES		NUMBER	
SFECIES	POPULATION	AMs	HARVEST	SFECIES	POPULATION	AMs	HARVEST
Antelope	5,000	40,000	547	SUBTOTAL (con't)	30,030	140,020	2,685
Bear Brown			-	Elk	2,000	4,600	3
Black	30	20	5	Moose	10	40	-
Buffalo	30	20		Mountain Goa	<sup>at</sup> 75	60	-
Caribou				Mountain Lic	<sup>m</sup> 100	600	10
				Peccary			
Deer Black Tail				Bighorn Shee	<b>P</b> 200	1,200	2
White Tail				Turkey			
Mule	25,000	100,000	2,133	Wolf			
SUBTOTAL	30,030	140,020	2,685	GRAND TOT	AL 32,415	146,520	2,703
				AT IMPROVE			
L			(Washington O	<i>[lice Complete.</i>	s)	COST	
)	ITEM		UNIT OF WORK	UNITS		TRIBUTED	
a. Wildlife food a (1) Prescribe			Acres				-
(2) Release s	praying, chain	ing	Acres				
(3) Seeding a	nd planting		Acres				
(4) Waterfowl	marsh		Acres		-		
(5) Fencing		,	Miles				
(6) Wildlife w	ater developm	ents	Number				
<ul> <li>b. Fishing stream (1) Channel stream</li> </ul>		-	Number	÷			-
(2) Barrier re	moval		Number	AND ADDRESS TAXABLE ADDRESS	A B C B C P C C C C C C C C C C C C C C C		
(3) Spawning			Rods				
(4) Bank stab			Rods				
(5) Fencing			Miles				
(6) Rough fish removal			Miles				
<ul> <li>c. Fishing lakes and reservoirs</li> <li>(1) Aquatic plant control</li> </ul>							
c. Fishing lakes		,	Acres				
c. Fishing lakes	lant control		Acres				
<ul> <li>c. Fishing lakes</li> <li>(1) Aquatic p</li> <li>(2) Rough fis</li> </ul>	lant control h removal						
<ul> <li>Fishing lakes</li> <li>(1) Aquatic p</li> </ul>	lant control h removal ng lakes		Acres				
<ul> <li>c. Fishing lakes <ul> <li>(1) Aquatic p</li> </ul> </li> <li>(2) Rough fis <ul> <li>(3) New fishi</li> <li>(4) Minimum p</li> </ul> </li> </ul>	lant control h removal ng lakes		Acres Acres				

## ANNUAL WILDLIFE REPORT NARRATIVE FY 1971

#### A. Habitat Management

Habitat improvement work continues on the Morgan Creek and East Fork of the Salmon River Bighorn Sheep ranges. In the Spring of 1972, we should begin a system of rest-rotation grazing that will be of great benefit to wildlife, watershed and livestock. In fiscal year 1971, we have sprayed sagebrush, chained sagebrush, developed springs and constructed fences to implement the habitat management plan.

The Salmon District has continued and expanded it's cooperative big game habitat and population studies with the Idaho Fish and Game Department and the U. S. Forest Service.

The Salmon District has initiated a program of big game winter range mapping in conjunction with the Idaho Fish & Game Department's winter trend counts.

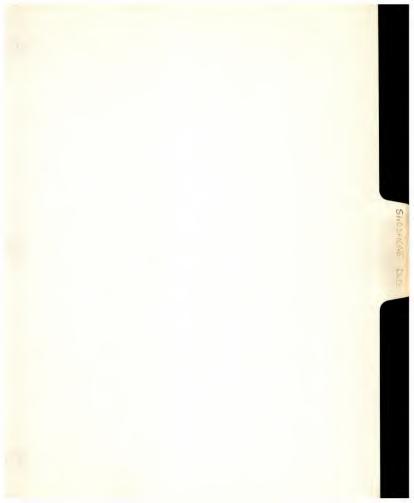
The Salmon District has participated in a sage grouse trapping and tagging program with the Idaho Fish and Game Department and the U. S. Forest Service to study bird migration and map key habitat in the Big Lost River drainage.

The Salmon District has cooperated with the Idaho Fish and Game Department in testing fish habitat improvement structures on Birch Creek and Summit Creek.

The Salmon District personnel have continued their work on the Willow Creek Summit mountain mahogany stands.

## B. Animal Damage

Kill verification information is being gathered from the Division of Wildlife Services as a tool to properly manage the predator control program.



Form 6500-1 (July 1970) (formerly 6960-1)

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#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Shoshone District

Fiscal Year

## WILDLIFE ANNUAL REPORT GENERAL STATISTICS

·	GENE	RAL STATI	STICS		1971	
1. HABITAT CONDIT	TION	ACRES (		6. WILDLIFE	SURVEYS	NUMBER
		SAT IS.	UNSATIS.			
a. Terrestrial (1) Big game		670	1,146	a. Use, condition and	trend (transects)	8
(2) Small game		235 1,783		<ul> <li>b. Stream and lake</li> <li>7. HABITAT MANAGEMENT PLANS (Wildlife Species)</li> </ul>		and the
(3) Waterfowl	13			a. Terrestrial	species)	
b. Aquatic (1) Lakes	NUMBER	1	• •	b. Aquatic		-
(2) Reservoirs		13		8. HABITAT DEVEL (Completed	OPMENT PROJECTS or contracted)	
(3) Stream (total mile	(3) Stream (total miles)		26 <sup>°</sup>	a. Terrestrial		10
2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED		ACRES MILES OF OF		b. Aquatic	-	· -
TO PUBLIC ACCE	SS	HABITAT S	STREAMS	9. HABITAT E	XPENDITURES	DOLLARS
Closure of private la	Closure of private lands		112	a. Management		4,140
b. Lack of physical acc	ess	1,467,000	35	b. Development		300
TOTAL (	a + b)	1,486,700	147	c. Maintenance		
3. WATER	FOWL USE	- BIRD	-DAYS	TOTAL (Habitat	Expenditures)	4,440
a. Impoundments		2,979,0	000	· 10. REC (State Offic	REATION es complete)	VISITOR DAYS
b. Natural wetlands		757,8	300	a. Hunting (1) Big game		
4. RARE AND ENDAM SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game		
a. Rare		-	-	(3) Waterfowl		
b. Endangered		-	-	1	<b>COTAL</b> (Hunting)	
5. WILDLIFE	PERSONN	EL	NUMBER	b. Fishing		
a. Biologists (CSC will	dlife serie	s)	1	c. Nonconsumptive	use	
b. Coordinators (trained	d or untrai coordinat		1	11. COMMERCIAL F	ISHING (lbs. harvested)	

Remarks

	NUMBER				NUMBER			
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST	
Antelope	500	5,400	155	SUBTOTAL (con't)				
Bear Brown				Elk	900	1,272	53	
Black	25		1	Moose				
Buffalo				Mountain Goat				
Caribou				Mountain Lion				
Deer				Peccary				
Black Tail				Bighorn Sheep				
White Tail				Turkey				
Mule	9,010	8,850	900	Wolf				
SUBTOTAL	9.535	14.250	1,056	GRAND TOTAL	10,455	15,522	1,109	
				TAT IMPROVEME {{ice Completes}	NTS			
		1	UNIT	UNITS		COST		
	ITEM	=	OF WORK	COM- PLETED	BUREAU	CON	TRIBUTED	
<ul> <li>a. Wildlife food</li> <li>(1) Prescribe</li> </ul>			Acres					
	spraying, chain	ing	Acres	-				
(3) Seeding a			Acres					
(4) Waterfow	l marsh		Acres					
(5) Fencing			Miles					
		ante l	Number		-		•	
<ul> <li>(6) Wildlife</li> <li>b. Fishing streat</li> <li>(1) Channel</li> </ul>	ms	ents	Number Number					
b. Fishing strea	ms structures	ents					-	
b. Fishing strea (1) Channel (2) Barrier re (3) Spawning	ms structures emoval ; areas	ents	Number Number Rods					
<ul> <li>b. Fishing streat (1) Channel</li> <li>(2) Barrier ref (3) Spawning (4) Bank sta</li> </ul>	ms structures emoval ; areas bilization		Number Number Rods Rods					
<ul> <li>b. Fishing streat</li> <li>(1) Channel</li> <li>(2) Barrier ref</li> <li>(3) Spawning</li> <li>(4) Bank state</li> <li>(5) Fencing</li> </ul>	ms structures emoval areas bilization		Number Number Rods Rods Miles					
<ul> <li>b. Fishing streat (1) Channel</li> <li>(2) Barrier ref (3) Spawning (4) Bank sta</li> </ul>	ms structures emoval areas bilization		Number Number Rods Rods					
<ul> <li>b. Fishing stread</li> <li>(1) Channel</li> <li>(2) Barrier red</li> <li>(3) Spawning</li> <li>(4) Bank stade</li> <li>(5) Fencing</li> <li>(6) Rough fits</li> <li>c. Fishing lakes</li> <li>(1) Aquatic particular</li> </ul>	mS structures emoval jareas bilization sh removal s and reservoirs plant control		Number Number Rods Miles Miles Acres					
<ul> <li>b. Fishing stread</li> <li>(1) Channel</li> <li>(2) Barrier re</li> <li>(3) Spawning</li> <li>(4) Bank sta</li> <li>(5) Fencing</li> <li>(6) Rough fis</li> <li>c. Fishing lakes</li> <li>(1) Aquatic p</li> <li>(2) Rough fis</li> </ul>	ms structures moval ; areas bilization sh removal s and reservoirs plant control sh removal		Number Number Rods Miles Miles Acres Acres					
<ul> <li>b. Fishing stread</li> <li>(1) Channel</li> <li>(2) Barrier red</li> <li>(3) Spawning</li> <li>(4) Bank sta</li> <li>(5) Fencing</li> <li>(6) Rough fit</li> <li>(6) Rough fit</li> <li>(2) Rough fit</li> <li>(3) New fish</li> </ul>	ms structures areas bilization sh removal s and reservoirs plant control sh removal ing lakes		Number Number Rods Miles Miles Acres Acres Acres					
<ul> <li>b. Fishing streaged (1) Channel</li> <li>(2) Barrier re</li> <li>(3) Spawning</li> <li>(4) Bank sta</li> <li>(5) Fencing</li> <li>(6) Rough fis</li> <li>(7) Aquatic p</li> <li>(2) Rough fis</li> <li>(3) New fish</li> <li>(4) Minimum</li> </ul>	ms structures emoval areas bilization sh removal s and reservoirs plant control sh removal ing lakes pools of water		Number Number Rods Rods Miles Acres Acres Acres Acres Acre Ft.					
<ul> <li>b. Fishing streaged (1) Channel</li> <li>(2) Barrier re</li> <li>(3) Spawning</li> <li>(4) Bank sta</li> <li>(5) Fencing</li> <li>(6) Rough fis</li> <li>(7) Aquatic p</li> <li>(2) Rough fis</li> <li>(3) New fish</li> <li>(4) Minimum</li> </ul>	ms structures areas bilization sh removal s and reservoirs plant control sh removal ing lakes		Number Number Rods Miles Miles Acres Acres Acres					

GPO 859 - 492

WILDLIFE ANNUAL REPORT Shoshone District Office F.Y 1971

#### NARRATIVE SUPPLEMENT

## A. Babitat Management

The habitat improvement work completed during the last fiscal year concerned itself only with maintaining the few projects which have been developed in previous years. Although no wildlife projects per se have been completed, wildlife habitat improvements were considered in the development and/or completion of the range improvement projects and allotment management plans that were done this past year.

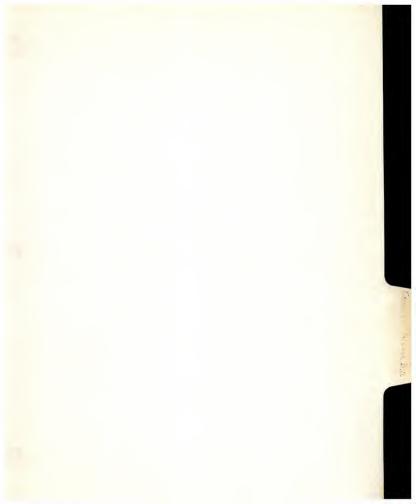
At all times all agencies concerned with wildlife management were contacted and suggestions were requested when it was evident that our management would have some affect on wildlife. The rapport this office has with other agencies, especially the State Fish and Game Department, is considered excellent.

#### B. Animal Damage

This office has received no animal damage complaints during the last year, with the exception of isolated areas where either coyotoes and/or bears have caused noticeable sheep losses.

## C. Wildlife Statistics

The figures concerned with population numbers have not been changed from the 1970 annual report, with the exception of AVs concerning antelope. It is felt that lest year's figure was in error, considering that practically all of their time is spent on public domain. This year's figure is thought to be much more representative of the antelope animal months spent on public domain.



Form 6500-1 (July 1970) (formerly 6960-1)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Coeur d'Alene District

Fiscal Year 1971

WILDLIFE	ANNUAL	REPORT
GENER	AL STAT	ISTICS

'		GENE	RAL STATI	STICS			
-	1. HABITAT CONDI	TION	ACRES (		6. WILDLIFE SURVEYS	NUMBER	
_	I. HABITAT CONDI	TION	SATIS	UNSATIS.			
	Terrestrial (1) Big game		220	20	a. Use, condition and trend (transects) 2	-	
	(2) Small game		160	10 .	b. Stream and lake 7. HABITAT MANAGEMENT PLANS	2	
	(3) Waterfowl		-	-	(Wildlife Species)	6	
		NUMBER		2.1	a. Terrestrial	-	
b.	Aquatic (1) Lakes 1	13	126	8	b. Aquatic	-	
	(2) Reservoirs		-	-	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)		
	(3) Stream (total mi	167	11	a. Terrestrial	-		
-	2. TERRESTRIAL	2. TERRESTRIAL AND ACRES QUATIC HABITAT BLOCKED OF			b. Aquatic	-	
	TO PUBLIC ACC	ESS	OF HABITAT	OF STREAMS	9. HABITAT EXPENDITURES	DOLLARS	
а.	Closure of private lands		116,908	86	a. Management	-	
D.	Lack of physical ac	cess	33,000	19	b. Development	-	
pr.	TOTAL	(a + b)	149,908	105	c. Maintenance	- /	
_	3. WATER	FOWLUSE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	-	
a.	Impoundments		. 0		10. RECREATION (State Offices complete)	VISITOR DAYS	
b.	Natural wetlands		160,000	)	a. Hunting		
	4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game		
a.	Rare		0	0	(3) Waterfow1		
b.	Endangered		1	150	TOTAL (Hunting)		
-	5. WILDLIFE	E PERSONN	EL	NUMBER	b. Fishing		
a.	Biologists (CSC wi	ldlife serie	s)	1	c. Nonconsumptive use		
b.	Coordinators (traine distric	ed or untrai		-	11. COMMERCIAL FISHING (lbs. harvested)		

Remarks BLM manages only 2-3/4 mi. of shoreline along the 124,800 acres of Pend Orielle

2<sub>Although no transects have been established during the fiscal year, range occula reconnaissance surveys were completed on approximately 20,000 acres.</sub>

	NUMBER				NUMBER		
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	-			SUBTOTAL (con't)	10,300	50,300	305
Bear Brown				Elk	3,000	6,000	156
Black	300	300	15	Moose	10	10	0
Buffalo		500	15	Mountain Goat			
				Mountain Lion			
Caribou				Peccary			
Deer Black Tail				Bighorn Sheep			
White Tail	6,000	30,000	150	Turkey			
Mule		20,000	140	Wolf			
SUBTOTAL	4,000	50,300	305	GRAND TOTAL	13,310	56,300	461
	10,500			AT IMPROVEMEN	NTS		
			(Washington O	(fice Completes)		2022	
	ITEM		UNIT	UNITS COM-		COST	
			OF	PLETED	BUREAU	CONT	RIBUTED
a. Wildlife food (1) Prescribe			WORK	PLETED	BUREAU	CONT	RIBUTED
(1) Prescribe		ning	,	PLETED	BUREAU	. CONT	RIBUTED
<ul> <li>(1) Prescribe</li> <li>(2) Release</li> <li>(3) Seeding a</li> </ul>	ed burning spraying, chair and planting	ning	Acres Acres Acres	PLETED	BUREAU	. CONT	RIBUTED
<ul> <li>(1) Prescribe</li> <li>(2) Release</li> <li>(3) Seeding a</li> <li>(4) Waterfow</li> </ul>	ed burning spraying, chair and planting	ning	Acres Acres Acres Acres	PLETED	BUREAU	. CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding a</li> <li>Waterfow</li> <li>Fencing</li> </ol>	ed burning spraying, chair and planting 1 marsh		Acres Acres Acres Acres Miles	PLETED	BUREAU	. CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding a</li> <li>Waterfow</li> <li>Fencing</li> </ol>	ed burning spraying, chair and planting		Acres Acres Acres Acres	PLETED	BUREAU	CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding a</li> <li>Waterfow</li> <li>Fencing</li> <li>Wildlife y</li> </ol>	ed burning spraying, chair and planting 1 marsh water developm .ms		Acres Acres Acres Acres Miles	PLETED	BUREAU	. CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding a</li> <li>Waterfow</li> <li>Fencing</li> <li>Wildlife w</li> <li>Fishing streat</li> </ol>	ed burning spraying, chair and planting l marsh water developm .ms structures		Acres Acres Acres Acres Miles Number	PLETED	BUREAU	. CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding a</li> <li>Seeding a</li> <li>Waterfow</li> <li>Fencing</li> <li>Wildlife w</li> <li>Fishing stread</li> <li>Channel a</li> </ol>	ed burning spraying, chair and planting 1 marsh water developm ms structures emoval		Acres Acres Acres Acres Miles Number Number	PLETED	BUREAU	. CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding a:</li> <li>Seeding a:</li> <li>Fencing</li> <li>Fishing streat</li> <li>Channel:</li> <li>Barrier re</li> <li>Spawning</li> <li>Bank sta</li> </ol>	ed burning spraying, chair and planting 1 marsh water developm ms structures emoval areas		Acres Acres Acres Miles Number Number Number Rods Rods		BUREAU	. CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding ;</li> <li>Waterfow</li> <li>Fencing</li> <li>Fishing stread</li> <li>Channel :</li> <li>Barrier re</li> <li>Spawning (H) Bank stat</li> <li>Fencing</li> </ol>	ed burning spraying, chair and planting I marsh water developm ms structures emoval areas bilization		Acres Acres Acres Miles Number Number Rods Rods Miles	PLETED	BUREAU	. CONT	, ,
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding a:</li> <li>Seeding a:</li> <li>Fencing</li> <li>Fishing streat</li> <li>Channel:</li> <li>Barrier re</li> <li>Spawning</li> <li>Bank sta</li> </ol>	ed burning spraying, chair and planting I marsh water developm ms structures emoval areas bilization		Acres Acres Acres Miles Number Number Number Rods Rods	PLETED	BUREAU	. CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding :</li> <li>Seeding :</li> <li>Widlife :</li> <li>Fencing :</li> <li>Fishing stread</li> <li>Fishing stread</li> <li>Canarel :</li> <li>Barrier rr</li> <li>Spawning :</li> <li>Bank sta</li> <li>Fencing :</li> <li>Fencing :</li> <li>Rough fis</li> </ol>	ed burning spraying, chair and planting I marsh water developm ms structures emoval areas bilization sh removal a and reservoirs	ents	Acres Acres Acres Miles Number Number Rods Rods Miles	PLETED	BUREAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding :</li> <li>(4) Waterfow</li> <li>(5) Fencing :</li> <li>(6) Wildlife (1)</li> <li>(6) Wildlife (1)</li> <li>(1) Channel :</li> <li>(2) Barrier rr</li> <li>(3) Spawing (4)</li> <li>Bank stat</li> <li>(5) Fencing (6) Rough fii</li> <li>(6) Rough fii</li> <li>(6) Rough fii</li> <li>(7) Fishing lakes</li> </ol>	ed burning spraying, chair and planting I marsh water developm ms structures moval areas bilization sh removal s and reservoirr plant control	ents	Acres Acres Acres Acres Miles Number Number Rods Rods Miles Miles		BUREAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding :</li> <li>Seeding :</li> <li>Waterfow</li> <li>Fencing</li> <li>Fencing</li> <li>Wildlife V.</li> <li>Fishing stread</li> <li>Channel :</li> <li>Barrier rr</li> <li>Bank sta</li> <li>Fencing</li> <li>Bank sta</li> <li>Fencing</li> <li>Constraints</li> <li>Fencing</li> <li>Fencing</li> <li>Constraints</li> <li>Fencing</li> <li>Agata state</li> </ol>	ed burning spraying, chair and planting I marsh water developm ms structures emoval areas bilization sh removal as and reservoirs lant control	ents	Acres Acres Acres Acres Miles Number Number Number Rods Rods Miles Miles Acres		BUREAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Release</li> <li>Seeding :</li> <li>Waterfow</li> <li>Fencing :</li> <li>Waiterfow</li> <li>Fishing stread</li> <li>Channel :</li> <li>Pishing stread</li> <li>Channel :</li> <li>Barrier rr</li> <li>Barrier rr</li> <li>Spawning</li> <li>Bank stat</li> <li>Fencing</li> <li>Bank stat</li> <li>Fencing in</li> <li>Bank stat</li> <li>Fencing in</li> <li>Rough fis</li> <li>Fishing lakes</li> <li>Aquatic p</li> <li>Rough fis</li> <li>New fish</li> <li>We fish</li> </ol>	ed burning spraying, chair and planting I marsh water developm ms structures emoval areas bilization sh removal as and reservoirs lant control	ents	Acres Acres Acres Acres Miles Number Number Rods Rods Miles Miles Acres Acres		BUREAU	. CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding 2:</li> <li>Seeding 2:</li> <li>Seeding 2:</li> <li>Fencing</li> <li>Wildlife V.</li> <li>Fishing streat</li> <li>Channel 1:</li> <li>Barrier rd</li> <li>Spawning</li> <li>Bank stat</li> <li>Fencing</li> <li>Rough fis</li> <li>Fishing lakes</li> <li>Aquatic p</li> <li>Row fish</li> <li>New fish</li> <li>Mem fush</li> </ol>	ed burning spraying, chair and planting i marsh water developm ms structures emoval areas bilization sh removal sh removal sh removal sh removal sh removal	ents	Acres Acres Acres Acres Miles Number Number Number Rods Miles Miles Miles Acres Acres Acres		BUREAU		RIBUTED

Coeur d'A

## NARRATIVE FOR THE F.Y. 1974

#### WILDLIFE ANNUAL REPORT

#### A. Habitat Management

The District Wildlife Extensive Inventory was completed dur fiscal year. This inventory involved cooperative efforts • Regional Fish and Game Officers and seventeen Fish and Game Officers.

Assistance was extended to the Idaho Fish and Game Departme the annual Spring Big Game aerial census.

Fishery habitat surveys were made on two high mountain lak. the fiscal year.

#### B. Animal Damage

Other than the annual porcupine damage to recreation site : boxes, no animal damage occurred during the fiscal year.

No predator control programs are currently being carried on. District Land.

#### C. Wildlife Statistics

No significant changes in statistical information have occ the fiscal year. The slight change in Small Game Habitat is a result of the information gained from the Wildlife Ex-Inventory. The change in recreation visitor days is due t information that was compiled in the District Economic Sur-

## D. Other Problems

The District Wildlife Extensive Inventory pointed out some areas where followup action is required. We are now in the of analysing these areas more intensively to determine actconditions. All in all, the inventory showed the ELM law District is in pretty good condition concerning wildlife



N REPLY REFER TO:

MT

3: 6960.1



# UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

STATE OFFICE 316 NORTH 26TH STREET BILLINGS, MONTANA 59101

AUG 30 1971

Memorandum Director (360) To:

State Director - Montana From:

Subject: Wildlife Annual Report - FY 1971

In conformance with BLM 6501, the subject report for Montana is enclosed. The report includes the following:

Form 6500-1	Montana
Form 6500-1	South Dakota
Form 6500-1	North Dakota
Attach, 1	Montana recreation calculations
Form 6500-1	and narratives for:

Malta Miles City Lewistown Missoula

Pencil changes on district forms were made by this office after consultation with district personnel.

Again we suggest that acres be reported uniformly as acres; the (1,000's) of acres asked for in categories "a" and "b" caused some confusion.

We also suggest that you consider a winter due date for this report; August hits us right in the middle of field season.

Harold C Lynd ACTING

Enclosures

# Attachment No. 1 Wildlife Annual Report Montana FY 1971

# Item 10-Recreation

Species	Hunter <sup>1/</sup> Afield	Days <u>2</u> / Hunters	Visitor Days	% BLM <sup>3/</sup> (Pop.on BLMO	VD's- BLM
Deer	136,903	3.0	410,709		
Mule	106,785 (78%*)	3.0	320,355	15%	48,053
W. Tail	30,118 (22%)	3.0	90,354	47.	3,614
Elk	77,819	.5.0	389,095	15%	58,364
Bear	7,204	5.0	36,020	5%	1,801
Antelope	23,014	2.0	46,028	45%	20,713
Moose	670	5.0	3,350	30%	1,005
Sheep	506	10.0	5,060	25%	1,265
Goat	804	5.0	4,020	15%	603
				Total	135,418
Upland Birds	50,842	5.9	299,967	25%	74,992
Small Game & Varmits	Unknown			-	

MONTANA 1970-71 Hunting Season

1/ From Montana Fish and Game 1970 questionnaire.

2/ Montana Fish: and Game estimate from previous studies, "day" defined as "day" in questionnaire.

3/ From Montana Fish and Game report to PLLRC; reported as percent of population occurring on Federal lands (winter).

\* Apportioned from kill data.

Form 6500-1 (July 1970) Cormerly 6960-1)

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Fiscal Year

Montana

			E ANNUAL	DEDODT			Fiscal Year	
			RAL STATI				1971	
	1. HABITAT COND	ITION	ACRES (	1,000's) UNSATIS.		6. WILDLIFE	SURVEYS	NUMBER
a.	Terrestrial (1) Big game					Jse, condition and	trend (transects)	241
_			4,073	2,648	ъ. 5	tream and lake		6
_	(2) Small game		2,417	1,345		7. HABITAT MAN		3
	(3) Waterfow1		43	8.8	-	(#nanje Ferrestrial	Species)	1.
ь.	Aquatic	NUMBER		1.	a	renestrial		4
	(1) Lakes	12	8.1	1	b. /	Aquatic		2
	(2) Reservoirs	5,410	162.6	23	8.		OPMENT PROJECTS or contracted)	in a
	(3) Stream (total miles)		1,445	275	a. 1	l'errestrial		6
_	2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		ACRES	MILES	b. /	Aquatic		0
			OF HABITAT	OF STREAMS		9. HABITAT E	XPENDITURES	DOLLARS
_	Closure of private la	ands	458,000	45	a. l	Management		34,373
b.	Lack of physical ac	cess	1,244,000	38	b. 1	Development		2,625
-	TOTAL	(a + b)	.702,000	83	c. 1	Maintenance		296
-	3. WATER	FOWL USE	BIRD-DAYS		TOTAL (Habitat Expenditures)			37,294
a.	Impoundments		5,233.	5,233,700		10. RECI (State Offic	REATION es complete)	VISITOR DAYS
ь.	Natural wetlands		382,			Hunting (1) Big game	·	125 (00
	4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT		(2) Small game		135,400
a.	. Rare		17	225,600		(3) Waterfowl		10,400
b.	Endangered		17	225,600		Т	OTAL (Hunting)	220,400
-	5. WILDLIFE	PERSONN		NUMBER	b.	Fishing		234,000
a.	Biologists (CSC with	ldlife serie	s)	.3	c.	c. Nonconsumptive use		20,000
ь.	Coordinators (traine distric	d or untrais t coordinat		3	11.	COMMERCIAL FI	SHING (lbs. barvested)	None

Remarks

•

		NUMBER		SPECIES		NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	35,660	295,680	6,530	SUBTOTAL (con't)	161,037	1,533,449	29,333
Bear Brown				Elk	5,000	14,150	585
Black	677	6,069	102	Moose	150	700	12
Buffalo	6//	0,009		Mountain Goat	250	2,510	30
Caribou		*		Mountain Lion	10	20	
				Peccary			-
Deer Black Tail				Bighorn Sheep	454	2,700	23
White Tail	31,400	326,500	: 4,650	Turkey	790	5,320	75
Mule	93,300	905,200	18,050	Wolf	2	2	C
SUBTOTAL	161,037	1,533,449		GRAND TOTA	1107,004	1,558,751	30,058
				TAT IMPROVEN			
			UNIT	UNITS		COST	
	ITEM		OF	COM- PLETED	BUREAU	CONT	RIBUTED
a. Wildlife food (1) Prescrib			Acres				-
	spraying, chair	ing	Acres				
	and planting		Acres				
(4) Waterfow			Acres Miles				
(5) Fencing (6) Wildlife	water developm	onte	Number				
b. Fishing stres (1) Channel	ams	ents	Number				
(2) Barrier	emoval		Number				
(3) Spawnin			Rods				
(4) Bank sta			Rods	1	······		
(5) Fencing			Miles				
(6) Rough fi			Miles				
<ul><li>c. Fishing lake</li><li>(1) Aquatic</li></ul>	es and reservoir plant control	s	Acres				
(2) Rough fi			Acres				
(3) New fish			Acres				
	n pools of water		Acre Ft.				
	g areas, shelte	rs, etc.	Number Miles				

# 12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

GPO 859 - 492



Form	6500-1
	1970)
	Jerly 6960-1)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT WILDLIFE ANNUAL REPORT

GENERAL STATISTICS

Office Miles City Montana

Fiscal Year

# 1971

			and a second sec			
	1. HABITAT COND	TION	ACRES (	1,000's) UNSATIS	6. WILDLIFE SURVEYS	NUMBER
a.	Terrestrial				a. Use, condition and trend (transects)	30
_	(1) Big game		1,400	1,100	b. Stream and lake	0
_	(2) Small game		1,300	1,000	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	
	(3) Waterfowl		2	2	a. Terrestrial	0
b.	Aquatic	NUMBER				
	(1) Lakes	0	0	0	b. Aquatic	0
_	(2) Reservoirs	1,650	5	1	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
_	(3) Stream (total mi	les)	20	15	a. Terrestrial	0
	2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED		ACRES	MILES	b. Aquatic	0
	TO PUBLIC ACC	O PUBLIC ACCESS		STREAMS	9. HABITAT EXPENDITURES	DOLLARS
+ 4	losure of private l	ands	400,000	15	a. Management	
ь.	Lack of physical ac	cess	1,200,000	10	b. Development	
	TOTAL	(a + b)	1,600,000	25	c. Maintenance	
-	3. WATER	FOWL USE	BIRD-DAYS		TOTAL (Habitat Expenditures)	
a	Impoundments		950	,000	10. RECREATION (State O//ices complete)	VISITOR DAYS
b	b. Natural wetlands			0	a. Hunting (1) Big game	28,600
	4. RARE AND ENDANGERED SPECIES		NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	18,000
a	a. Rare			0	(3) Waterfowl	1,000
ь	b. Endangered			Unknown	TOTAL (Hunting)	47,600
-	5. WILDLIF	E PERSONN	IEL	NUMBER	b. Fishing	10,000
8	Biologists (CSC w	ildlife serie	es)	1	c. Nonconsumptive use	6,000
Б	. Coordinators (train	ed or ustra		0	11. COMMERCIAL FISHING (lbs. barvested)	

arks

app of the		NUMBER		SPECIES		NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	9,000	108,000	2,700	SUBTOTAL (con't)	57,000	684,000	10,700
Bear Brown				Elk			
Black				Moose			
Buffalo				Mountain Goat			
Caribou				Mountain Lion			
				Peccary			
Deer Black Tail				Bighorn Sheep	50	300	2
White Tail	12,000	144,000	2,000	Turkey	500	3,500	50
Mule	36,000	432,000	6,000	Wolf		-	
SUBTOTAL	57,000	684,000	10,700	GRAND TOTA	57,550	687,800	10,752
				TAT IMPROVEM //ice Completes			
			UNIT	UNITS		COST	
	ITEM		OF WORK	COM- PLETED	BUREAU	CON	TRIBUTED
a. Wildlife food (1) Prescrib			Acres		-		_ 1
	spraying, chair	ning	Acres				
(3) Seeding			Acres				
(4) Waterfow	1 marsh		Acres Miles				
(5) Fencing (6) Wildlife	water developm	ents	Number				
b. Fishing stre (1) Channel	ams		Number				
(2) Barrier			Number				
(3) Spawnin		-	Rods			-	
(4) Bank sta			Rods				
(5) Fencing			Miles Miles				
(6) Rough fi			annes				
eFishing lake (1) Aquatic	s and reservoir plant control	s	Acres			-	
(2) Rough f	ish removal		Acres				
(3) New fis			Acres				
(4) Minimum	pools of water		Acre Ft.				
	g areas, shelte	rs. etc.	Number				
(5) Spawnin							
(5) Spawnin (6) Fencing			Miles				

12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

GPO 859 - 492

1 4.

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DATE:

August 5, 1971

6960.1

# A. Habitat Management

Much of the effort during FY 1971 was directed toward the planning system. The URA-MFP program seems to be the best way of assuring that wildlife habitat management is given the proper consideration in the development of activity plans.

# B. Animal Damage

There have been several complaints received concerning prairie dogs damaging livestock forage. All of these were investigated, and it was determined that the damage was not significant and did not warrant a control program.

There was one report of beaver damage to woody vegetation around a stockwater reservoir. This problem ended when the beaver was trapped and moved.

Predatory animals are continuing to be controlled by the Bureau of Sport Fisheries and Wildlife but on a program reduced from previous vears.

# C. Wildlife Statistics

All of the changes in data presented are a result of better information. Generally, there has been no actual change in existing conditions.

no Fields Acting

Attachments



Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

Form 6500-1 (July 1970) rmerly 6960-1) .

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office Miles City

1071

South Dakota Fiscal Year

WILDLIFE ANNUAL REPORT

	OLITE	INAL STAT	51105	19/1	
1. HABITAT COND	ITION	ACRES SATIS.	(1,000's) UNSATIS	6. WILDLIFE SURVEYS	NUMBER
Terrestrial (1) Big game		125	125	a. Use, condition and trend ( <i>transects</i> )	6
(2) Small game		150	60		0
(3) Waterfow1		,		(Wildlife Species)	
	NUMBER	1	1	a. Terrestrial	0
Aquatic (1) Lakes	0			b. Aquatic	0
(2) Reservoirs	100			8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted).	
(3) Stream (total mi	les)	2	2	a. Terrestrial	0
2. TERRESTRIAL	AND	ACRES	MILES	b. Aquatic	0
TO PUBLIC ACCESS BY		CESS HABITAT	STREAMS	9. HABITAT EXPENDITURES	DOLLARS
Closure of private la	ands	10,000		a. Management	
Lack of physical ac	cess	75,000	2	b. Development	
TOTAL	(a + b)	85,000 2		c. Maintenance	
3. WATER	FOWL USE	BIRD-DAYS		TOTAL (Habitat Expenditures)	
Impoundments		10	0,000	10. RECREATION (State O/fices complete)	VISITOR DAYS
Natural wetlands				a. Hunting	
4. RARE AND ENDANGERED SPECIES		NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game	3,000
Rare				(3) Waterfowl	200
Endangered		1	Unknown	TOTAL (Hunting)	5,200
5. WILDLIFE	E PERSONN	EL	NUMBER	b. Fishing	400
Biologists (CSC wi	ldlife serie	s)		c. Nonconsumptive use	8,000
				11. COMMERCIAL FISHING (lbs. barvested)	
	Terrestrial (1) Big game (2) Small game (3) Waterfowl Aquatic (1) Lakes (2) Reservoirs (3) Stream (total minimum) 2. TERRESTRIAL AQUATIC HABITAT E BY Closure of private l Lack of physical ac TOTAL 3. WATEF Impoundments Natural wetlands 4. RARE AND ENDA SPECIES Rare Endan gered 5. WILDLIFF Biologists (CSC win Coordinators (trained)		I. HABITAT CONDITION     ACRES I SATE.       Terrestrial (1) Big game     125       (2) Small game     125       (3) Waterfowl     1       Aquatic     NUMBER       (1) Lakes     0       (2) Reservoirs     100       (3) Stream (total miles)     2       2. TERRESTRIAL AND TO PUBLIC ACCESS     ACRES OF HABITAT BLOCKES       2. TERRESTRIAL AND TO PUBLIC ACCESS     ACRES OF HABITAT       10. NOUTO HABITAT BLOCKESS     75,000       TOTAL (a + b)     85,000       3. WATERFOWL USE     BIRT       Impoundments     100       Natural wetlands     NO. OF SPECIES       Rare     NO. OF	Image: SATE     UNNATE       (1) Big game     125     125       (2) Small game     150     60       (3) Waterfowl     1     1       Aquatic     NUMBER     1     1       (1) Lakes     0     1     1       (2) Reservoirs     100     1     1       (3) Stream (total miles)     2     2       (3) Stream (total miles)     2     2       (2) TERRESTRIAL AND AQUATIC HARDITAT BLOCKED TO PUBLIC ACCESS     ACRES OF HABITAT       2. TERRESTRIAL AND AQUATIC HARDITAT BLOCKED TO PUBLIC ACCESS     75,000     2       2. TOTAL (a + b)     85,000     2       3. WATERFOWL USE     BIRD-DAYS       Impoundments     100,000       Natural wetlands     100,000       Natural wetlands     100,000       Rare     NO. OF SPECIES       Endangered     1     Unknown       5. WILDLIFE PERSONNEL     NUMBER       Biologists (CSC wildlife series)     Coordinators (trained or w: trained	ACRES (1,000's) SATE.       C.RES (1,000's) SATE.       6. WILDLIFE SURVEYS         Terrestrial       10 Big game       125       125         (2) Small game       150       60       5. Stream and lake         (3) Waterfowl       1       1       a. Use, condition and trend (transects)         (3) Waterfowl       1       1       a. Terrestrial         (1) Lakes       0

Remarks

SPECIES		NUMBER		SPECIES		NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SFECES	POPULATION	AMs	HARVES
telope	2,200	26,400	550	SUBTOTAL (con't)	3,800	45,600	975
Bear Brown				Elk			
Black				Moose			
Buffalo			1	Mountain Goat			
Caribou	aribou			Mountain Lion			
Deer Black Tail			÷ _	Peccary Bighorn Sheep			
						1 0 00	
White Tail	500	6,000		Turkey	85	1,020	1
Mule	1,100	13,200	275	Wolf			
SUBTOTAL	3,800	45,600	975	GRAND TOTAL	3,885	46,620	99
			UNIT	(fice Completes)		COST	
	ITEM		OF WORK	COM- PLETED	BUREAU	CONT	TRIBUTED
a. Wildlife food (1) Prescribe			Acres			-	
	spraying, chaini	ng	Acres				
(3) Seeding a			Acres				
(4) Waterfow	l marsh	-	Acres				
-(5) Fencing		-	Miles				
(6) Wildlife	water developme	ents	Number				
<ul> <li>Fishing streat</li> <li>(1) Channel</li> </ul>			Number				-
(2) Barrier re			Number				
(3) Spawning			Rods				
	bilization		Rods		A 199 - 19 -		
			Miles				
(5) Fencing					1.78		
	sh removal		Miles				
<ul><li>(5) Fencing</li><li>(6) Rough fis</li></ul>	s and reservoirs		Acres				-
<ul> <li>(5) Fencing</li> <li>(6) Rough fis</li> <li>c. Fishing lakes</li> </ul>	s and reservoirs plant control		Acres				-
(5) Fencing (6) Rough fis c. Fishing lakes (1) Aquatic p	s and reservoirs plant control sh removal		Acres				-
<ul> <li>(5) Fencing</li> <li>(6) Rough fis</li> <li>c. Fishing lakes</li> <li>(1) Aquatic p</li> <li>(2) Rough fis</li> <li>(3) New fish</li> <li>(4) Minimum</li> </ul>	s and reservoirs plant control sh removal ing lakes pools of water		Acres Acres Acres Acre Ft.				
(5) Fencing (6) Rough fis c. Fishing lake: (1) Aquatic p (2) Rough fis (3) New fish (4) Minimum (5) Spawning	s and reservoirs plant control sh removal ing lakes pools of water g areas, shelters		Acres Acres Acres Acre Ft. Number				-
(5) Fencing (6) Rough fis c. Fishing lake: (1) Aquatic p (2) Rough fis (3) New fish (4) Minimum (5) Spawning	s and reservoirs plant control sh removal ing lakes pools of water		Acres Acres Acres Acre Ft.				

# 12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

SPO 859 - 492

SPECIES		NUMBER		SPECIES		NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	4,300	20,000	600	SUBTOTAL (con't)	11,600	35,100	1,202
Bear Brown				Elk	2,000	4,000	50
Black				Moose	100	200	2
Buffalo	100 100		2	Mountain Goat	30	120	0
Caribou				Mountain Lion	5	5	0
Caribou				Peccary			
Deer Black Tail				Bighorn Sheep	50	100	0
White Tail		-		Turkey	20	100	0
Mule	7,200	15,000	600	Wolf	2	2	0
SUBTOTAL	11,600	35,100	1,202	GRAND TOTA	L 13,807	39,627	1,254
			DIRECT HABI	TAT IMPROVEM (/ice Completes)			-
			UNIT	UNITS		COST	
	ITEM		OF WORK	COM- PLETED	BUREAU	C ON	TRIBUTED
a. Wildlife food (1) Prescribe			Acres			-	
	spraying, chain	ing	Acres				
(3) Seeding a			Acres				
(4) Waterfow	l marsh		Acres				
(5) Fencing (6) Wildlife	water developm	ents	Miles Number		-		
b. Fishing strea (1) Channel	ms		Number		-	-	
(2) Barrier re			Number				
(3) Spawning		10 11 10 1	Rods				
(4) Bank sta	bilization		Rods				
(5) Fencing	·		Miles				
(6) Rough fis	sh removal		Miles				
	<ul> <li>Fishing lakes and reservoirs</li> <li>(1) Aquatic plant control</li> </ul>						
(2) Rough fis	sh removal		Acres				
(3) New fish	(3) New fishing lakes						
(4) Minimum pools of water			Acre Ft.				
	(5) Spawning areas, shelters, etc.						
	areas, sheree	3, 000.	Number				
(5) Spawning (6) Fencing	, areas, sheree	3, 010.	Miles				

GPO 859 - 492

Form 6500-1 (July 1970) (formerly 6960-1)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office Miles City

North Dakota

Fiscal Year

1971

# WILDLIFE ANNUAL REPORT GENERAL STATISTICS

	OLIVEI	INAL STAT	51105	2772				
	1. HABITAT COND	ITION	ACRES (	(1,000°s)	6. WILDLIFE SURVEYS	NUMBER		
a.	Terrestrial (1) Big game	-	10	40	a. Use, condition and trend (transects)	36		
	(2) Small game		17	45	b. Stream and lake 7. HABITAT MANAGEMENT PLANS	0		
_	(3) Waterfowl		2	1	(Wildlife Species)			
ь.	Aquatic (1) Lakes 0				b. Aquatic	0		
	(2) Reservoirs	50			8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)			
	(3) Stream (total mi	3) Stream (total miles)		0	a. Terrestrial	0		
	2. TERRESTRIAL AQUATIC HABITAT B	LOCKED	ACRES	MILES	b. Aquatic	0		
	TO PUBLIC ACC	ESS	HABITAT	STREAMS	9. HABITAT EXPENDITURES	DOLLARS		
-	Closure of private la	ands	20,000	0	a. Management			
ь.	Lack of physical ac	cess	24,000	0	b. Development			
	TOTAL	TOTAL (a + b)		0	c. Maintenance			
	3. WATER	FOWL USE	BIRD	-DAYS	TOTAL (Habitat Expenditures)			
a.	Impoundments		400	000	10. RECREATION	VISITOR		

	12. 11.			D HARVEST FF		NUMBER			
SPECIES		NUMBER	1	SPECIES	POPULATION	AMBER	HARVEST		
Antelope	POPULATION 300	AMs 3,600	HARVEST 80	SUBTOTAL (con't)		12,660	305		
Bear Brown				Elk					
Black				Moose					
Buffalo				Mountain Goa	t				
Caribou				Mountain Lion	n				
Deer		-		Peccary					
Black Tail				Bighorn Sheep	p				
White Tail	275	3,300	75	Turkey	*				
Mule	480	5,760	150	Wolf					
SUBTOTAL	1,055	12,660	305	GRAND TOT	1,055	12,660	305		
				TAT IMPROVEN //ice Completes					
			UNIT	UNITS		COST			
1	ITEM		OF WORK	COM- PLETED	BUREAU	C ON	TRIBUTED		
a. Wildlife food (1) Prescribe			Acres						
	spraying, chain	ing	Acres						
(3) Seeding a			Acres						
(4) Waterfowl	l marsh	•	Acres Miles						
(5) Fencing	vater developme	ate	Number						
b. Fishing strea (1) Channel s	ms		Number			· · · ·			
(2) Barrier re	emoval		Number						
(3) Spawning			Rods						
(4) Bank sta	bilization		Rods						
(5) Fencing			Miles						
(6) Rough fis	sh_removal		Miles						
<ul> <li>Fishing lakes</li> <li>(1) Aquatic p</li> </ul>			Acres						
(2) Rough fis	sh removal		Acres						
(3) New fish			Acres						
(4) Minimum pools of water			Acre Ft.						
(4) Minimum			Number						
(5) Spawning	areas, shelter	s, etc.	Number						
	areas, snelter	s, etc.	Miles						

Wildlife Annual Report Montana FY 1971

Recreation (continued)

Waterfowl

 $HD = G \times H \times I \times J$  $HD = 51,800 \times 2 \times .20 \times 0.5$ HD = 10,360

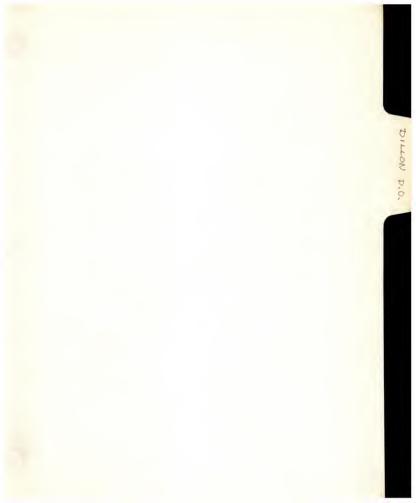
Fishing

Montana Fish and Game state-wide survey estimates: 2,340,000 fisherman days 1970-71 (4% increase over past year) 16,000 miles of fishing streams 900,000 acres of fishing lakes and reservoirs

BLM habitat estimates: 1,755 miles of streams (11% of state total) 87,700 acres of lakes and reservoirs (9% of state total)

Therefore approximately 10% of state fishing waters provided by public land -10% of 2,340,000 VD = 234,000 VD's provided by PD

Noncunsumptive Use - estimated at 10% of hunting or 20,000 VD's



Form 6500-1 y 1970) rmerly 6960-1)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office 25-050-

Dillon, Montana Fiscal Year

## WILDLIFE ANNUAL REPORT GENERAL STATISTICS

1971

		GENE	RAL STATI	STICS		_
	1. HABITAT COND		ACRES (		6. WILDLIFE SURVEYS	NUMBER
	1. HABITAT COND	ITTOK	SAT IS.	UNSATIS.		
a.	Terrestrial (1) Big game		700	50	a. Use, condition and trend (transects)	0
			700	50	b. Stream and lake	0
_	(2) Small game		260	50	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	
	(3) Waterfowl		3		a. Terrestrial	
	Aquatic	NUMBER			a. Terrestriat	0
υ.	(1) Lakes	7	4		b. Aquatic	0
	(2) Reservoirs	5	35	10	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
	(3) Stream (total mi	1,200	118	a. Terrestrial	1	
1	2. TERRESTRIAL	ACRES	MILES	b. Aquatic	0	
	TO PUBLIC ACCESS BY		TO PUBLIC ACCESS HABITAT		9. HABITAT EXPENDITURES	DOLLARS
	Closure of private lands			0	a. Management	4,000
ь.	Lack of physical ac	cess	0	0	b. Development	-600 -
-	TOTAL	(a + b)	0	0	c. Maintenance	0
	3. WATER	RFOWL USE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	4,000
a.	Impoundments		2,	700	10. RECREATION (State O/fices complete)	VISITOR DAYS
ь.	Natural wetlands		4,	500	a. Hunting	
	4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game	
	a. Rare		3	Unknown	(3) Waterfow1	
ь.	Endangered		2	Un Known	TOTAL (Hunting)	
-	5. WILDLIFE PERSONNEL			NUMBER	b. Fishing	
a	Biologists (CSC w	ildlife serie	s)	0	c. Nonconsumptive use	
b.	Coordinators (train	ed or u::*rai		1	11. COMMERCIAL FISHING (lbs. barvested)	

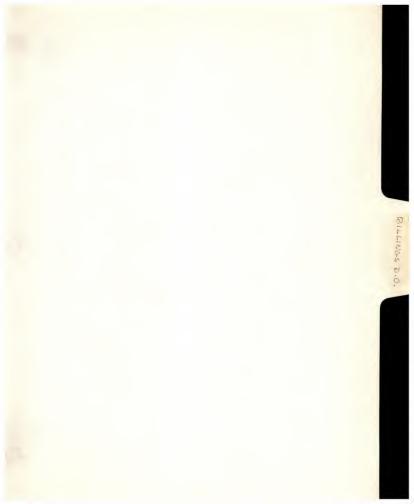
marks No habitat improvement work, no known animal damage problems, no change in

wildlife statistics.

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SPECIES	NUMBER			SPECIES		NUMBER	
DIECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	800	3,200	200	SUBTOTAL (con't)	11,820	45,724	2,300
Bear Brown				Elk	150	450	20
Black	20	24		Moose	-		
Buffalo	-	2-1		Mountain Goat	-		
Caribou	-			Mountain Lion	5	15	
			-	Peccary			
Deer Black Tail	-			Bighorn Sheep	29	100	-
White Tail	1,000	500	100	Turkey	20	20	
Mule	10,000	42,000	2,000	Wolf	-		4.2.2.
SUBTOTAL	11,820	45,724	2,300	GRAND TOTA	11,995	46,309	2,320
				(fice Completes)	ENTS		
						COST	
1	ITEM	. *	UNIT OF WORK	UNITS COM- PLETED	BUREAU		RIBUTED
a. Wildlife food a (1) Prescribe	d burning		Acres		ing stationary vite		
	praying, chaini	ng	Acres				
(3) Seeding a			Acres ·				
<ul><li>(4) Waterfowl</li><li>(5) Fencing</li></ul>	marsh		Acres				
	ater developme	ato	Miles Number				
<ul> <li>Fishing stream (1) Channel s</li> </ul>	ms		Number				
(2) Barrier re		-	Number -				
(3) Spawning			Rods				
(4) Bank stab	ilization		Rods				
(5) Fencing			Miles				
(6) Rough fish	h removal		Miles				
<ul> <li>Fishing lakes</li> <li>(1) Aquatic pl</li> </ul>			Acres				27
(2) Rough fish			Acres				
(3) New fishing			Acres				
(4) Minimum p			Acre Ft.				
	great chalters	etc	Number				
<ul><li>(5) Spawning</li><li>(6) Fencing</li></ul>	ureas, sherters,		Miles				

P | .



Form 6500-1 (July 1970) rmerly 6960-1) .

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT WILDLIFE ANNUAL REPORT

Office

Billings District Fiscal Year

		GENE	RAL STATI	STICS		1972		
-			ACRES (	1,000's)	6. WILDLIFE	SURVEYS	NU	
	1. HABITAT COND	ITION	SATIS.	UNSATIS.	a. WIEDERY			
a.	Terrestrial (1) Big game		0/1	110	a. Use, condition and	trend (transects)		
			241	110	b. Stream and lake			
_	(2) Small game		82	110	7. HABITAT MAN (Wildlife	AGEMENT PLANS Species)		
	(3) Waterfowl		-	-	a. Terrestrial			
		NUMBER			a. Terrestrial			
Ъ.	Aquatic (1) Lakes	-	-	<u>-</u>	b. Aquatic			
-	(2) Reservoirs		.01	-	8. HABITAT DEVEL (Completed	OPMENT PROJECTS or contracted)		
	(3) Stream (total mi	iles)	14.0	12.1	a. Terrestrial			
_	2. TERRESTRIAL AQUATIC HABITAT E	AND	ACRES	MILES	b. Aquatic			
	TO PUBLIC ACCESS		OF HABITAT	STREAMS	9. HABITAT E	XPENDITURES	DO	
	Closure of private lands		37,000	15	a. Management		\$4	
ь.	Lack of physical ac	cess	7,400	1	b. Development			
_	TOTAL	(a + b)	44,400	16	c. Maintenance	· · ·		
	3. WATER	RFOWL USE	BIRD	-DAYS	TOTAL (Habita	t Expenditures)	84	
a.	Impoundments	ents "negligible"			10. REC (State O//ic	REATION es complete)	·\_i	
Ъ.	Natural wetlands		Н		a. Hunting (1) Big game			
	4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(1) Sig game (2) Small game			
a.	. Rare		1	?	(3) Waterfowl			
ь.	b. Endangered			-	1	TOTAL (Hunting)		
-	5. WILDLIF	E PERSONN	EL	NUMBER	b. Fishing	-		
a	Biologists (CSC wi	Idlife serie	s)	1	c. Nonconsumptive	use		
ь.	Coordinators (trained	ed or untrais		-	11. COMMERCIAL F	ISHING (lbs. barvested)		

Remarks 1/Even though no rare or endangered species have been found on public lings District, the following is a list of species which may possibly occur: uat, (2) grizzly bear, (3) black-footed ferret, & (4) prairie falcon.



6500-1 1970) Jerly 6960-1)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Malta, Montana 1971

Fiscal Year

# WILDLIFE ANNUAL REPORT GENERAL STATISTICS

		GENE	RAL STATI	STICS		-
	1. HABITAT CONDI	TION	ACRES (	1,000°s)	6. WILDLIFE SURVEYS	NUMBER
_			SATIS.		a. Use, condition and trend (transects)	146
ł.,	Terrestrial (1) Big game		1447	198	b. Stream and lake	2
	(2) Small game		505	90	7. HABITAT MANAGEMENT PLANS	
_	(3) Waterfowl		24	5	(Wildlife Species) a. Terrestrial	2
		NUMBER			a. Tenestiai	
٥.	Aquatic (1) Lakes	5	2	· '1	b. Aquatic	-
-	(2) Reservoirs	3750	20	7	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
	(3) Stream (total mi	les)	1	.3	a. Terrestrial	1
-	2. TERRESTRIAL AND ACRES AQUATIC HABITAT BLOCKED OF		MILES	b. Aquatic	-	
			O PUBLIC ACCESS HABITAT S		9. HABITAT EXPENDITURES	DOLLAR
a	Closure of private l	ands	-	-	a. Management	15,00
ь.	Lack of physical ac		18,600	12	b. Development	2,02
-	TOTAL		18,600	12	c. Maintenance	200
-	3. WATE	RFOWL USE	BIRI	-DAYS	TOTAL (Habitat Expenditures)	
a	Impoundments		3,276,0	00	10. RECREATION (State Offices complete)	VISITO DAYS
b	. Natural wetlands		118,0	00	a. Hunting	
-		ANGERED	NO. OF	ACRES OF	(1) Big game	
	4. RARE AND CRESS SPECIES SPECIES		SPECIES	HABITAT	(2) Small game	
a	. Rare <u>1</u> /		2	5,600	(3) Waterfowl	
Ŀ	. Endangered 2/		8	2,600	TOTAL (Hunting)	
-	5. WILDLIF	E PERSONN	EL	NUMBER	b. Fishing	
-	Biologists (CSC w	ildlile serie	es)	1	c. Nonconsumptive use	

a. Biologists (CSC wildlife series) b. Coordinators (trained or u:: 'rained 11. COMMERCIAL FISHING (Ibs. barvested) district coordinators)

arks Bald eagle, black footed ferret

2/ American peregrine falcon, Canada lynx, kit fox, golden eagle, mountain plover, burrowing owl, American osprey, ferruginous hawk.

F

NUMBER						NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	14,440	115,520	1,300	SUBTOTAL (con't)	52,640	541,120	9,310
Bear Brown			·	Elk	1,150	4,600	310
Black	200	2,400	10	Moose	_		
	200	2,400	1.1.1.1	Mountain Goat	160	1,920	20
Buffalo		1.5.1		Mountain Lion			
Caribou				Peccary			
Deer Black Tail	-		-	Bighorn Sheep	200	1,200	8
White Tail	16,400	164,000	2,100	Turkey	50	500	5
Mule	21,600	259,200	5,900	Wolf			-
SUBTOTAL	52,640	541,120	9,310	GRAND TOT.	AL 54,200	549,340	9,653
-1		13. D	RECT HABI	TAT IMPROVEN <i>[fice Completes</i>	MENTS		•
		Ť	UNIT	UNITS		COST	
	ITEM		OF	COM- PLETED	BUREAU	CON	TRIBUTED
a. Wildlife food (1) Prescrib			Acres	-			
	spraying, chair	ning	Acres				
	and planting		Acres				
(4) Waterfow		•	Acres	2	2,025		-
(5) Fencing (6) Wildlife	water developm	ents	Number				
<ul> <li>b. Fishing stre (1) Channel</li> </ul>	ams	-	Number				
(2) Barrier	removal		Number				
(3) Spawnin	g areas		Rods				
(4) Bank st	abilization		Rods				
(5) Fencing			Miles				
(6) Rough f	ish removal		Miles				
<ul> <li>c. Fishing lake</li> <li>(1) Aquatic</li> </ul>	es and reservoir plant control	rs	Acres	•			
(2) Rough f			Acres				
(3) New fis			Acres				
	n pools of wate		Acre Ft.				
	ig areas, shelte	rs, etc.	Number Miles				
(6) Fencing			MILES	L			
				TOTAL	2,025		-

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GPO 859 - 492

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### WILDLIFE ANNUAL REPORT 1971 FY Malta District

# Habitat Management

The Malta BLM District is located in a traditionally important area for the production of North American waterfowl which has National significance. The location, adjacent to the Canadian prairie provinces, puts the BLM in a prime position to incorporate additional waterfowl benefits into going programs with a small additional expense. During 1971 FY excellent progress was made in reviewing and modifying stock pond construction to provide additional waterfowl breeding habitat. Work was accomplished with the excellent cooperation of a number of groups, to mention a few. Montana State University personnel, Montana Fish and Game, BLM operations and area personnel. Work involved the construction of small islands in stock dams. Breeding pair and production surveys are being made in cooperation with MSU and Montana Fish and Game personnel to evaluate increased production as a result of these developments. These surveys have been conducted over the past three years. This fiscal year the BLM is also financing a waterfowl research study in the Malta area to evaluate stock pond island nesting habitat and the production of Canada geese.

A narrated slide presentation entitled "Montana Duck Factories" was prepared by the Malta District and shown to various groups including Northern Montana College, University of Minnesota, television stations, Montana Wildlife Federation, local clubs and by BLM personnel in the Washington Office to the Director and Senator Metcalf.

The first three years of the waterfowl research study, "A study of waterfowl production on two rest rotation grazing units in north central Montana", was reported by Frank Gjersing, MSU graduate student (now with the Montana Fish and Game Department). Copies of his thesis were circulated. The study is being financed by the BLM. The manuscript is being prepared for the Journal of Wildlife Management.

Preliminary studies are also being conducted on the use of 35mm infrared Ektachrome film to evaluate stock pond habitat on rest-rotation grazing areas. This work is being done in cooperation with Dr. Robert L. Eng, MSU, and Dr. Merle Meyer, University of Minnesota. Dr. Meyer is well versed in the field of aerial infrared photography. Preliminary coverage shows a high degree of potential in evaluating wildlife habitat.

A waterfowl habitat development and management package was prepared with the Lewistown, Miles City Districts, and State Office Wildlife Biologist. The package is currently being reviewed in the Washington Office. Emphasis is placed on island construction and shoreline modifications on new and existing stock ponds for increased waterfowl production. Antelope trapping and tagging operations were conducted cooperatively with the Montana Fish and Game Department, Provincial Governments of Alberta and Saskatchewan, and the Canadian Wildlife Service during the winter of 1970-71. These studies are being done to determine migration patterns and importance of Montana sagebrush winter ranges to these herds. A habitat management plan was developed with these agencies during 1970 FY.

Cooperative waterfowl nest searching was conducted with personnel from the Northern Frairie Wildlife Research Center, BSF&W, Jamestown, North Dakota, and Montana Fish and Game and University personnel. The objective was to determine the distribution of waterfowl nests in the vicinity of stock ponds in the shortgrass prairie. A cable-chain flushing device was used.

An excellent trout fisheries was developed on public lands in the Malta District during 1971 FY. Prairie trout ponds (stock dams) were evaluated with the cooperation of the Montana Fish and Game Department and stocked with rainbow trout. Growth conditions are excellent, and catches up to two pounds in one year are common. A heavy demand for recreation access maps resulted, and numerous public contacts were made.

Habitat inventory and analysis was made on some 276,796 acres of fish and wildlife habitat in south Blaine and Valley Counties. Habitat management plans are being prepared for these areas.

#### Predator Control

It is still the general feeling that predator control on public lands is in excess of the amount that can be justified in terms of the general public interest. More effort should be made to tie down this activity on public lands. An expected problem will be the increased workload time of district personnel which could be more advantageously used on other Bureau programs. Predator control should not be considered a wildlife function.

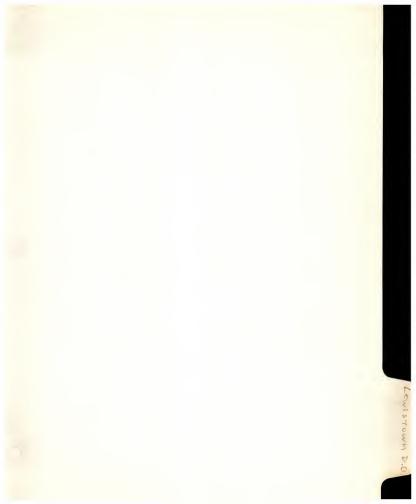
#### Wildlife Personnel

One wildlife biologist works full time on the Malta resource staff inaddition to time allowed for area work. The 1971 allocation was 12 man months and 12.1 man months were utilized.

#### Other

Wildlife portions of four unit resource analyses were completed during 1971 FY in addition to Step 1 of one MFP.

One area personnel participated in the Colorado Wildlife Short Course, and the District Wildlife Biologist participated in the Northwest Section of the Wildlife Society meeting in Bozeman, Montana.



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Jul		EPARTME	NITED STAT ONT OF THE F LAND MAN	INTERIOR	Office Lewistown Dist	rict		
В	UGA	WILDLIF	E ANNUAL	REPORT	Fiscal Year 1971			
		TION	ACRES (	1,000's) UNSATIS.	6. WILDLIFE SURVEYS	NUMBER		
a.	Terrestrial				a. Use, condition and trend (transects)	10		
_	(1) Big game		125,000	135,000	b. Stream and lake	None		
_	(2) Small game		100,000	50,000	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	· · ·		
_	(3) Waterfowl		4,000	1,500	a. Terrestrial - Antelope & Sage Grouse	1		
b.	Aquatic (1) Lakes	NUMBER			b. Aquatic	None		
-	(2) Reservoirs	5	1,780		8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)			
	(3) Stream (total mi	les)	90		a. Terrestrial	None		
_	2. TERRESTRIAL AND		ACRES MILES		b. Aquatic	None		
	AQUATIC HABITAT B TO PUBLIC ACC BY	ESS	OF HABITAT	OF	9. HABITAT EXPENDITURES	DOLLAR		
	Closure of private la	ands	15,000	5	a. Management not available			
ь.	Lack of physical ac	cess	1,000	15	b. Development			
-	TOTAL	(a + b)	16,000	20	c. Maintenance			
	3. WATER	FOWL USE	BIRD	-DAYS	TOTAL (Habitat Expenditures)			
a.	Impoundments		650,0	000	10. RECREATION (State O//ices complete)	VISITO		
ь.	Natural wetlands		60,0	000	a. Hunting (1) Big game			
	4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game			
a.	Rare		3	Unk.	(3) Waterfowl			
ь.	Endangered		3	Unk.	TOTAL (Hunting)			
-	5. WILDLIFE	E PERSONN	EL	NUMBER	b. Fishing			
a	Biologists (CSC wi	ldlife serie	s)		c. Nonconsumptive use			
ь.	Coordinators (traine	ed or untrai		1	11. COMMERCIAL FISHING (lbs. harvested)			

Remarks

ig. #2: MS0 1 cc: LD0

		NUMBER			NUMBER			
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMa	HARVEST	
Antelope	7,000	48,000	1,700	SUBTOTAL (con't)	21,007	192,045	4,901	
Bear				Elk	200	1,900	5	
Brown				Moose				
Black	7	45	1	Mountain Goat	10	120	None	
Buffalo				Mountain Lion	?			
Caribou				Peccary	· · ·			
Deer Black Tail				Bighorn Sheep	75	700	3	
White Tail	1,000	9,000	200	Turkey	200	1,200	20	
Mule	13,000	135,000	3,000	Wolf				
SUBTOTAL	21,007	192,045	4,901	GRAND TOTAL	21,492	195,965	4,929	
		13. [		TAT IMPROVEME	NTS			
		141		[ ice Completes)		COST		
	ITEM	-	UNIT OF WORK	UNITS COM- PLETED	BUREAU		TRIBUTED	
a. Wildlife food (1) Prescrib			Acres					
	spraying, chair	ling	Acres					
	and planting		Acres					
(4) Waterfow								
(F) E-naing			Acres					
(5) Fencing (6) Wildlife		ents						
	water developm ams	ents .	Acres Miles					
(6) Wildlife b. Fishing stre	water developm ams structures	ients	Acres Miles Number Number Number					
(6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin	water developm ams structures removal g areas	ents	Acres Miles Number Number Number Rods					
(6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin (4) Bank str	water developm ams structures removal g areas abilization	ients	Acres Miles Number Number Rods Rods					
(6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin (4) Bank str (5) Fencing	water developm ams structures removal g areas abilization	ents	Acres Miles Number Number Rods Rods Miles					
(6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin (4) Bank str (5) Fencing	water developm ams structures removal g areas abilization	ients	Acres Miles Number Number Rods Rods					
<ul> <li>(6) Wildlife</li> <li>(b) Fishing street</li> <li>(1) Channel</li> <li>(2) Barrier</li> <li>(3) Spawnin</li> <li>(4) Bank street</li> <li>(5) Fencing</li> <li>(6) Rough f</li> <li>c. Fishing lake</li> </ul>	water developm ams structures removal g areas abilization s ish removal		Acres Miles Number Number Rods Rods Miles					
<ul> <li>(6) Wildlife</li> <li>(b) Fishing street</li> <li>(1) Channel</li> <li>(2) Barrier</li> <li>(3) Spawnin</li> <li>(4) Bank street</li> <li>(5) Fencing</li> <li>(6) Rough f</li> <li>c. Fishing lake</li> </ul>	water developm ams structures removal g areas abilization shi removal es and reservoir plant control		Acres Miles Number Number Rods Rods Miles Miles					
(6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin (4) Bank str (5) Fencing (6) Rough f c. Fishing lake (1) Aquatic	water developm ams structures removal g areas abilization ish removal se and reservoir plant control ish removal		Acres Miles Number Number Rods Rods Miles Miles					
<ul> <li>(6) Wildlife</li> <li>b. Fishing stre</li> <li>(1) Channel</li> <li>(2) Barrier 1</li> <li>(3) Spawnin</li> <li>(4) Bank sti</li> <li>(5) Fencing</li> <li>(6) Rough fi</li> <li>(6) Rough fi</li> <li>(3) New fis</li> <li>(4) Maintuut</li> </ul>	water developm ams structures removal g areas abilization t ish removal es and reservoir plant control ish removal hing lakes n pools of water	S	Acres Miles Number Number Rods Rods Miles Miles Acres Acres Acres Acres					
<ul> <li>(6) Wildlife</li> <li>b. Fishing stre</li> <li>(1) Channel</li> <li>(2) Barrier 1</li> <li>(3) Spawnin</li> <li>(4) Bank sti</li> <li>(5) Fencing</li> <li>(6) Rough fi</li> <li>(6) Rough fi</li> <li>(3) New fis</li> <li>(4) Maintuut</li> </ul>	water developm ams structures removal g areas abilization ish removal ish removal hing lakes n pools of water g areas, shelte	S	Acres Miles Number Number Number Rods Rods Miles Miles Acres Acres Acres					

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Lewistown District Fiscal Year 1971

## Habitat Management and

A cooperative research Fish and Game Commissio. and Mechanical Control q year. Information obta: land managers in plannir brush-grass ranges.

A Habitat Management Pl. Wildlife Habitat Area w study area.

Construction of islands ment of waterfowl habit This was accomplished w

Rare and Endangered Spen

Rare: Greater Sandhill Western Burrowin Prairie Falcon

Endangered: Black-foot Whooping C American F

Lands Blocked to Public

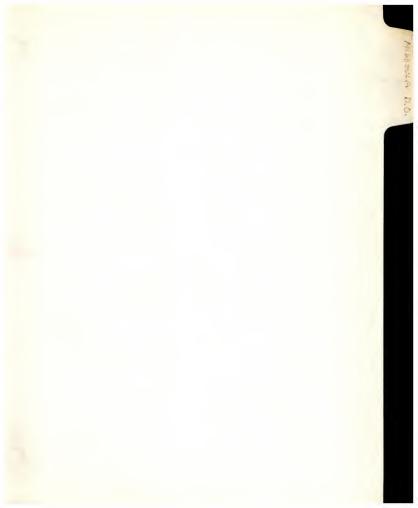
Bull Mountains Highwood Mountains East end of the Judith Isolated tracts in "Sec ween the BLM and the Montana cological Effects of Chemical n" is in its seventh (7th) he research project will assist ultiple use management of sage-

heted on the Yellow Water asses most of the research

provin projects for the improvepolished on 11 (eleven) reservoirs. Ids as part of the contract.

con

izing areas.



n 6500-1 y 1970)

marks

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

25070 Missos la

Fiscal Year

WILDLIFE ANNUAL REPORT GENERAL STATISTICS

		GENE	TRAL STAT	01100	1.771	and the second se
-	1. HABITAT COND	ITION	ACRES SATIS.	1,000's) UNSATIS.	6. WILDLIFE SURVEYS	NUMBER
	. Terrestrial (1) Big game 160.		160,000	1/55,000	<ul> <li>a. Use, condition and trend (transects)</li> <li>b. Stream and lake</li> </ul>	21
-	(2) Small game		170,000	1/45,000	<ul> <li>Stream and take</li> <li>7. HABITAT MANAGEMENT PLANS (Wildlife Species)</li> </ul>	3
	(3) Waterfowl		10,000	1/3,000	a. Terrestrial	
ь.	Aquatic (1) Lakes	NUMBER	400		b. Aquatic	1
	(2) Reservoirs		11,600	5,000	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	6
_	(3) Stream (total m	iles)	120	130	a. Terrestrial	
_	2. TERRESTRIAL		ACRES	MILES	b. Aquatic	
	AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		OF OF HABITAT STREAMS		9. HABITAT EXPENDITURES	DOLLARS
a.	Closure of private lands 6.		6,000	10	** a. Management	\$11,200.0
ь.	. Lack of physical access		17,000	_	b. Development	
			23,000	10	c. Maintenance	2
_	3. WATE	RFOWL USE	, BIRD-DAYS		TOTAL (Habitat Expenditures)	\$11,200.0
a.	Impoundments	2	, 355	,000	10. RECREATION (State O/fices complete)	VISITOR DAYS
ь.	Natural wetlands		200	,000	a. Hunting	
	4. RARE AND ENDANGERED SPECIES		NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game	
a	Rare		8	220,000	(3) Waterfowl	
*b	. Endangered		220,000	. TOTAL (Hunting)		
-	5. WILDLIF	E PERSONN	IEL	NUMBER	b. Fishing	
a	Biologists (CSC w	ildlife serie	es)	1	c. Nonconsumptive use	
b	Coordinators (train	ied or untra			11. COMMERCIAL FISHING (lbs. barvested)	

\* includes habitat of Peregrin Falcon
\*\* based on \$1400/man mo. for GS-11 grade.

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12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

SPECIES		NUMBER		SPECIES		NUMBER		
SPECIES	POPULATION	AMs	HARVEST	or beau	POPULATION	AMs	HARVEST	
				SUBTOTAL			- A	
Antelope	120	960	30	(con't)	6,970	35,460	920	
Bear Brown				Elk	1,500	3,200	200	
Black	+			Moose	50	500	10	
Black	350	3,500	· 90	Mountain Goa	t 50	350	10	
Buffalo			2	Mountain Lio		mber unkno	n known	
Caribou					IN	uber unkno		
Deer				Peccary	_			
Black Tail			P	Bighorn Shee	p 50-	300	10	
White Tail	1,000	9,000	, 250	Turkey				
Mule	5,500	22,000	550 <sup>-</sup>	Wolf	Possible	but unknown	number '	
SUBTOTAL	6,970	35,460	920	GRAND TOT	AL 8,620	39,810	1,150	
	01510	13.	DIRECT HABI	TAT IMPROVE	MENTS	rovements		
					s) NO Linp	COST		
	ITEM	· •.	UNIT OF WORK	UNITS COM- PLETED	BUREAU		, , ,	
a. Wildlife food (1) Prescribe			Acres	—				
	spraying, chain	ing	Acres					
(3) Seeding a		4	Acres					
(4) Waterfow	l marsh		Acres					
(5) Fencing (6) Wildlife	water developm		Miles Number					
b. Fishing strea (1) Channel	ms	ents	Number				-	
(2) Barrier r	emoval	3	Number					
(3) Spawning			Rods					
(4) Bank sta	bilization	3	Rods '					
(5) Fencing			Miles					
(6) Rough fit	sh removal	3	Miles					
c. Fishing lake (1) Aquatic		5	Acres			-	i.	
(2) Rough fi	sh removal		Acres					
(3) New fish			Acres					
	pools of water		Acre Ft.					
(5) Spawning	g areas, shelter	s, etc.	Number					
(6) Fencing			Miles					
				TOTAL	0		0	

1971 ANNUAL WILDLIFE REPORT

Habitat Managementros Montana

The Missoula District is represented on an interagency task force for Hunting Area 216. BLM personnel gathered all grazing data on public lands and cooperated with SCS in compiling information on private lands within the Hunting Area. This job was completed in fiscal year 1971.

The District has joined in a cooperative elk-logging research project. A prospectus and study plan was prepared by the District Biologist. The District is represented on a steering committee and research committee for the research project.

Two MFP's and two URA's were completed. Field work on 91,000 acres of habitat in the Blackfoot Planning Unit was completed. This data will need further refinement in fiscal year 1972 for more intensive inventory.

Continuing analysis was made on District AMP's. The District Biologist made field investigations of four proposed timber sale areas and one land exchange proposal.

Continuing analysis of vegetative response was made in Wales Creek. One intensive inventory was completed covering a 5,500 acre aquatic habitat area and one aquatic habitat plan was completed.

Browse transects were measured by the District Biologist in cooperation with F & G personnel.

The District Biologist worked with district timber management personnel in preparation of a timber management-wildlife package in the Blackfoot Planning Unit.

The Westslope Cutthroat Trout package was updated and a prepackage was prepared for the Clark Fork River Big Game Winter Range.

Endangered Species:

Endangered species in the Missoula District are Westslope Cuthroat Trout, Salmo clarkii subsp. and Peregrin Falcon, <u>Falco peregrinus anatum</u>.

Rare or Status Undetermined Species:

Three confirmed sightings of Wolverine, <u>Gulo luscus</u> have been recorded in the District during fical year 1971. Confirmed sightings of Columbian Sharptail Grouse, <u>Pediocetes phasianellus columbianus</u>, have been made on public land within the District. No previous sightings of Wolverine or Columbian Sharptail Grouse have been recorded. Other rare species suspected of occurring are: Pine Martin, <u>Martes americana</u>; Fisher, <u>Martes pennanti</u>; and Canada Lynx, <u>Lynx canadensis</u>.

Animal Damage:

Damage to domestic livestock by predators is not a problem within the District. No authorized bait stations are located on public land. District personnel investigated reports of ten unauthorized baits. The existence of these baits was not verified.

Extensive damage has been found to occur on tree reproduction in the vicinity of wildlife winter ranges. Big game depredation on private livestock feed reserves is a serious problem in much of the District.

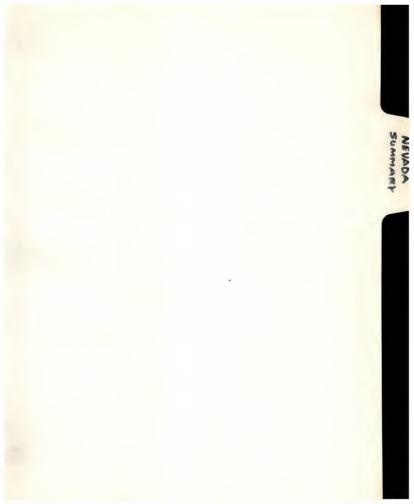
Wildlife Statistics:

Statistics on wildlife habitat and populations are unchanged from those reported in fiscal year 1970.

District Wildlife Personnel:

There was one Wildlife Biologist assigned to the District. Special training included attendance of the Western Elk Workshop in Ogden, Utah.

No special wildlife training was conducted in the District.



Memorandum

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P-1841-1

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

6501 (N-930.3)

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то Director (360) Associate FROM : evada State Director

DATE: SEP 1 1971

SUBJECT: Wildlife Annual Report for FY 1971

In response to Manual 6501, we are herewith submitting the Nevada State Office Wildlife Annual Report for FY 1971.

Lacking is the data for that portion of the Susanville District in Nevada. As soon as this becomes available to us, we will forward data on to you.

Enclosures:2 Encl. 1 - Form 6500-1 Encl. 2 - Narrative 6500-1 1970) (formerly 6960-1)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Nevada State Office

Fiscal Year 1971

# WILDLIFE ANNUAL REPORT GENERAL STATISTICS

		1 0001-1		the second second	
ITION	SATIS.	UNSATIS.	6. WILDLIFE SURVEYS	NUMBER	
	7 169	8 795	a. Use, condition and trend (transects)	111	
			b. Stream and lake	129	
	15,110	5,988	7. HABITAT MANAGEMENT PLANS (Wildlife Species)		
Vaterfowl 21 -		a. Terrestrial	23*		
NUMBER 3	12	23	b. Aquatic	6*	
14	1	400	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)		
les)	364	348	a. Terrestrial	10	
AND	ACRES	MILES	b. Aquatic	4	
ESS	HABITAT	STREAMS	9. HABITAT EXPENDITURES	DOLLAR	
ands	3	2	a. Management	-	
cess	100	10	b. Development	-	
(a + b)	103	12	c. Maintenance	-	
FOWL USE	BIRD-DAYS		TOTAL (Habitat Expenditures)	-	
	426,200		10. RECREATION (State O/fices complete)	VISITOF DAYS	
	46,500		a. Hunting		
NGERED	NO. OF SPECIES	ACRES OF HABITAT		91,48	
	9*	2,523	(3) Waterfowl	5,64	
. Endangered 14*		3,500	TOTAL (Hunting)	230,89	
5. WILDLIFE PERSONNEL		NUMBER	b. Fishing	240,00	
a. Biologists (CSC wildlife series) -		-	c. Nonconsumptive use	no data	
dlife serie:	s) -	5		no auci	
	NUMBER 3 14 les) AND ESS Cess (a + b) FOWL USE NGERED	ITION         SATE           7,169         15,110           15,110         21           NUMBER         21           14         1           les)         364           AND LOCKED         ACRES OF HABITAT           ands         3           cess         100           (a + b)         103           FOWL USE         BIRD           ACRES         4266           NGERED         NO. OF SPECIES           9*         14*	SATE.         UNSATE.           7,169         8,795           15,110         5,988           21         -           3         12         23           14         1         400           les)         364         348           AND LOCKED         ACRES HABITAT         MILES STREAMS           cess         100         10           (a + b)         103         12           FOWL USE         BIRD-DAYS           426,200         46,500           NGERED         NO. OF HABITAT           9*         2,523           14*         3,500	ATTEN         UNSATES         8. WILDLIFE SURVETS           7,169         8,795         a. Use, condition and trend (transects)           15,110         5,988         b. Stream and lake           21         -         a. Terrestrial           3         12         23           14         1         400           14         1         400           8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)         a. Terrestrial           AND LOCKED         ACRES OF HABITAT         MILES OF STREAMS         b. Aquatic           255         100         10         b. Development           cess         100         10         b. Development           cess         100         10         b. Development           rowLUSE         BIRD-DAYS         TOTAL (Habitat Expenditures)           VOLUSE         ACRES OF SPECIES         ACRES OF SPECIES         C. Small game           9*         2,523         (3) Waterfowl         107AL (Hunting)	

\*7. Accumulation for all past years accomplishments.

\*12. Data only from one District Office.

	12. WIL	DLIFE POPL	LATIONS AN	D HARVEST FR	ROM PUBLIC LA	NDS	
	1	NUMBER				NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	2,198	20,070	5 1 <b>33</b>	SUBTOTAL (con't)	111,598	828,076	16,983
Bear Brown			0	Elk	230	1,670	4
				Moose			
Black				Mountain Goat	:		
Buffalo				Mountain Lion	200	2,400	20
Caribou				Peccary			
Deer Black Tail				Bighorn Sheep	735	9,375	8
White Tail				Turkey	100	no data	0
Mule	109,400	808,000	16,850	Wolf			
SUBTOTAL	111,598	828,076	16,983	GRAND TOTA	L 112,863	841,521	17,015
				TAT IMPROVEN			
		(	Washington O	<i>[[ice Completes</i> ]	}		
			UNIT	UNITS	-71	COST	
	ITEM		OF WORK	COM- PLETED	BUREAU	CONT	RIBUTED
a. Wildlife food (1) Prescribe			Acres				1
(2) Release	spraying, chain	ing	Acres				
(3) Seeding a	and planting		Acres				
(4) Waterfowl	marsh		Acres				
(5) Fencing			Miles				
(6) Wildlife v	vater developm	ents	Number				
b. Fishing strea (1) Channel :			Number				
(2) Barrier re	emoval		Number			to a second second	
(3) Spawning	areas		Rods				
(4) Bank sta	bilization .		Rods			1.00	
(5) Fencing			Miles				
(6) Rough fish removal			Miles				
<ul> <li>c. Fishing lakes and reservoirs</li> <li>(1) Aquatic plant control</li> </ul>		3	Acres				
(2) Rough fis	sh removal		Acres				
(3) New fish			Acres				
	pools of water		Acre Ft.				
	areas, shelter	s, etc.	Number				
(6) Fencing			Miles				
				TOTAL			-

GPO 859 - 492

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#### NARRATIVE

#### Annual Wildlife Report

# Nevada - F.Y. 1971

# A. Habitat Management:

- Major emphasis is in "planning" as a part of the Bureau's Planning System. A great deal of time can be accounted for inventories, URA's, MFP's, and activity plans.
- To date, Nevada still has only four of its six Districts with a wildlife position in the District Offices.
- Staff from the Director's Office conducted a 1285 Functional Review for the Nevada State Office. This was helpful to the NSO and we encourage this regular biennial program.
- We continue to recognize public information dissemination as a segment of the wildlife program's responsibilites; consequently, the following were printed:
  - Bird lists for Ely, Elko, Winnemucca, Las Vegas and Carson City Districts.
  - 2. Mammal lists for Ely and Elko Districts.
  - 3. Amphibian and Reptile lists for Ely District.

Public response continues to be overwhelmingly in favor of these Bureau efforts.

- B. <u>Animal Damage</u>: Field offices in Nevada follow an Animal Control Plan developed cooperatively by the NDF&G, BSF&W, and BLM. No major problems are recognized here, but we do have a problem of BLM field personnel becoming more frustrated with changing Bureau Instruction Memorandums containing "interim guidelines". A final memorandum on this subject as agreed to by both the BSF&W and BLM in Washington, D.C. could be helpful here.
- C. <u>Wildlife Statistics</u>: Each year this report improves with quality data; however, there still remains many "estimates".

This report does not include data from the Susanville District, as this has not been received to date. As soon as it becomes available, we will forward it on to you.

# D. Problems:

- The Bureau's training program appears to create problems in understanding and/or implementing. This affects all field offices. The 1285 activity was weak and inadequate to meet the demands of field offices.
- The need for a "Memorandum of Understanding" between the BSF&W and BLM regarding guidelines for the animal control program on BLM administered lands is identified under "B" above.
- The AWP advices were very few and lacked clarification. Only after numerous telephone calls were we able to properly understand what commitments were expected of us and what funds were available.
- 4. There is a need for HMP's to be reviewed in the field by the Director's Office and/or Service Center personnel in a somewhat similar manner as AMP's. We would welcome such reviews and believe much could be gained at all office levels--the District, State, Service Center, and Director's Office.
- 5. Our major problem in Nevada is the proverbial one of insufficient funds and manpower to plan or implement the habitat management program, identified in HMP's as worthy and needed to maintain or improve wildlife populations and habitats.
- 6. As we proceed with URA's and MFP's, we are experiencing the frustration that frequently we lack quantity or quality wildlife habitat data in comparison to other activities. The danger here is that MFP's go through "decision analysis" even though there is insufficient inventory preceding decisions for proper land management recommendations.



6500-1 1970) (formerly 6960-1) .

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Office

Elko

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WILDLIFE ANNUAL REPORT ENERAL STATISTICS

		GENE			1 12/1	
	1. HABITAT CONDI	TION	ACRES (	1,000's) UNSATIS.	6. WILDLIFE SURVEYS	NUMBER
	errestrial ) Big game		1,732	500	a. Use, condition and trend (transects)	40
- (7	) Small game				b. Stream and lake	2 .
-			3,950	3,000	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	1 · · · · · · · · · · · · · · · · · ·
(3	3) Waterfowl		2	N/A	a. Terrestrial	Pr.
	quatic 1) Lakes	NUMBER 0	0	0	b. Aquatic	1
C	2) Reservoirs	11		_	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	A.
(	3) Stream (total mi	les)	58	96	a. Terrestrial	0
A	2. TERRESTRIAL	AND	ACRES OF	MILES	b. Aquatic	0
-	TO PUBLIC ACCESS BY		HABITAT	STREAMS	9. HABITAT EXPENDITURES	DOLLARS
a. C	Closure of private lands		3,500	0	a. Management	13,500
b. I	. Lack of physical access		. 0	ó	b. Development	0
	TOTAL	(a + b)	3.502 0		c. Maintenance	0
-	3. WATER	FOWL USE	BIRD-DAYS		TOTAL (Habitat Expenditures)	
a. 1	mpoundments		· 420.	000	10. RECREATION (State Offices complete)	VISITOR DAYS
ь. 1	Natural wetlands		20.	000	a. Hunting (1) Big game	
	RARE AND ENDA	NGERED	NO. OF SPECIES	ACRES OF HABITAT		
a. 1	Rare		-	-	(3) Waterfowl	
b. 1	Endangered		1	22	TOTAL (Hunting)	
	5. WILDLIFE PERSONNEL			NUMBER	b. Fishing	
a.	Biologists (CSC wi	ldlife serie	s)	1	c. Nonconsumptive use	
h.	Coordinators (traine	ed or ustrai	ned		11. COMMERCIAL FISHING (lbs. harvested)	

7. These figures are accumulative Remarks

 $\tilde{P}_{\rm ext}$ 

	1	NUMBER			1.	NUMBER	R	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AM3	HARVEST	
Antelope	900	7,200	40 .	SUBTOTAL (con't)	50,900	357,200	6,540	
Bear Brown				Elk.	20	200	0	
Black				Moose				
				Mountain Goal	t .			
	uffalo			Mountain Lion	200	2,400	20	
	aribou			Peccary				
Black Tail				Bighorn Sheep	>			
White Tail			-	Turkey				
Mule	50,000	350,000	6,500	Wolf				
SUBTOTAL	50,900	357,200	6,540	GRAND TOT	AL 51,120	359,800	6,560	
1		13. 0		TAT IMPROVEN //ice Completes			-	
)	ITEM.		UNIT OF WORK	UNITS COM- PLETED	BUREAU	COST	TRIBUTED	
a. Wildlife food (1) Prescribe		-	Acres		· ·		1 2	
(2) Release	spraying, chain	ing	Acres					
(3) Seeding a			Acres			· · · · ·		
(4) Waterfow	l marsh		Acres					
(5) Fencing			Miles		- Aller and a second			
(6) Wildlife	water developm	ents	Number					
<ul> <li>b. Fishing stream</li> <li>(1) Channel</li> </ul>			Number	$\geq$				
(2) Barrier r	emoval		Number		\			
(3) Spawning	g areas		Rods		1			
(4) Bank sta	bilization .		Rods					
(5) Fencing		-/	Miles					
(6) Rough fi	sh removal		Miles					
	Fishing lakes and reservoirs (1) Aquatic plant control				```	$\backslash$		
(2) Rough fi	sh removal		Acres					
(3) 'New fish	ing lakes		Acres		•			
(4) Minimum	pools of water		Acre Ft.					
	g areas, shelter	s, etc.	Number					
) Fencing			Miles	1				
<b>`</b>				TOTAL		1 1 1		



Form 6500-1 (July 1970) (formerly 6960-1)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Winnemucca

Fiscal Year

			E ANNUAL			Fiscal Year 71	
		GENE	RAL STATI	and an international states		/1	
	1. HABITAT COND	ITION	ACRES (1,000's) SATIS. UNSATIS.		6. WILDLIF	E SURVEYS	NUMBER
a .	Terrestrial			0.550	a. Use, condition an	trend (transects)	0
	(1) Big game		50	3,550	b. Stream and lake		125
	(2) Small game		2,500	No .	7. HABITAT MAN	AGEMENT PLANS Species)	1. S. M.
	(3) Waterfowl		9		a. Terrestrial	, opens,	5
	Aquatic	NUMBER					
0.	(1) Lakes	2	12 ac		b. Aquatic		1
	(2) Reservoirs	3		400 ac	8. HABITAT DEVEL (Completed	OPMENT PROJECTS or contracted)	A.S.
	(3) Stream (total miles)		165	185	a. Terrestrial		3
-	2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		ACRES	MILES	b. Aquatic"		
			OF OF HABITAT STREAMS		9. HABITAT E	XPENDITURES	DOLLAR
-	Closure of private 1	ands		0	a. Management		$\backslash$
ь.	Lack of physical access		0	0	b. Development	-	
-	TOTAL	(a + b)			c. Maintenance	/ .	1
-	3. WATER	RFOWL USE	BIRD	DAYS .	TOTAL (Habita	t Expenditures)	1
a	. Impoundments		unkno	own	10. REC (State O//id	VISITO DAYS	
b	. Natural wetlands		unkno	own	a. Hunting		
-	4. RARE AND ENDA	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game		
a. Rare			1.	?	(3) Waterfowl		
b. Endangered 3				?		TOTAL (Hunting)	-
	5. WILDLIF	E PERSONN	EL	NUMBER	b. Fishing		
-	a. Biologists (CSC w	ildlife serie	s)	1	c. Nonconsumptive	use	
i	. Coordinators (train	ed or u::'rai ct coordina			11. COMMERCIAL F	ISHING (lbs. harvested)	

Remarks \* Habitat expenditures are strictly 1285 and contributed funds. Basic provements in wildlife habitat through coordinated HMP-AMP Rest-Rotation grazing systems is funded by the 1260 activity. No cost figures are available on District printouts.

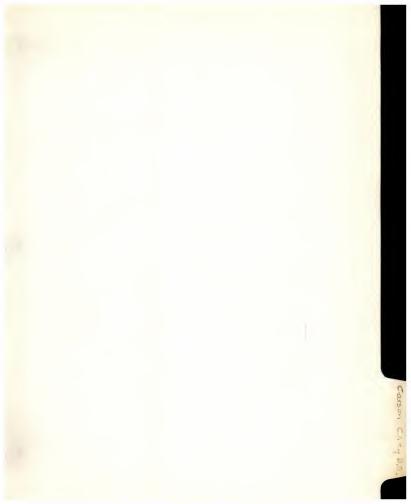
	12. WIL		JLATIONS AN	D HARVEST FI	ROM PUBLIC LA		
SPECIES		NUMBER		SPECIES		NUMBER	
Antelope	800	Амв 9600	61	SUBTOTAL (con't)		AMS 129,600	HARVEST
	800	9000		(con i)	10,800	121,000	178
Bear Brown				Elk			
Black			1	Moose			
Buffalo				Mountain Goa	it		
Caribou	aribou		-	Mountain Lio	n ?		
Deer				Peccary			
Black Tail				Bighorn Shee	p		
White Tail		-		Turkey		•	
Mule	10,000	120,000	737	Wolf			
SUBTOTAL	10 800	129/00	798	GRAND TOT	10,700	129.620	798
				TAT IMPROVE			
			UNIT	UNITS		COST	
	ITEM		OF WORK	COM- PLETED	BUREAU	CONT	RIBUTED
a. Wildlife food (1) Prescrib			Acres				- 1
(2) Release	spraying, chair	ning	Acres				
(3) Seeding			Acres		-		
(4) Waterfow	1 marsh		Acres				
(5) Fencing			Miles				
(b) Wildlite	water developm	ents	Number				
<ul> <li>b. Fishing stream (1) Channel</li> </ul>			Number				•
(2) Barrier r	emoval		Number				
(3) Spawning	g areas		Rods				
(4) Bank sta	bilization		Rods				
(5) Fencing			Miles				
(6) Rough fi	sh removal		Miles				
<ul> <li>Fishing lakes and reservoirs</li> <li>(1) Aquatic plant control</li> </ul>			Acres				
(2) Rough fi	sh removal		Acres				
(3) New fish			Acres				
	pools of water		Acre Ft.				
	g areas, shelter		Number				
6) Fencing			Miles				
0) reneing				TOTAL			

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--- GPO 859 - 492



Form 6500-1 July 1970) (formerly 6960-1)	uly 1970) DEPARTMENT O			Office Carson City Di	strict		
•		E ANNUAL RAL STATI		Fiscal Year 1971			
1. HABITAT CON	DITION	ACRES (	1,000's) UNSATIS	6. WILDLIFE SURVEYS	NUMBER		
a. Terrestrial (1) Big game	*	500	1,007	a. Use, condition and trend (transects)	40		
(2) Small game	(2) Small game		1,500	b. Stream and lake 7. HABITAT MANAGEMENT PLANS	- 196		
(3) Waterfowl		4		(Wildlife Species)			
b. Aquatic	NUMBER		23		5		
(1) Lakes	1			b. Aquatic	-		
(2) Reservoirs	-		• • -	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	an e		
(3) Stream (total	miles)		11	a. Terrestrial *	3		
2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED		ACRES	MILES	b. Aquatic	-		
TO PUBLIC A	CCESS	HABITAT (1000)	STREAMS	9. HABITAT EXPENDITURES	DOLLARS		
a. Closure of private	Closure of private lands			a. Management	· -		
. Lack of physical	access	· -	7	b. Development	· _		
Тота	L (a + b)	24	7	c. Maintenance			
3. WAT	ERFOWL USE	BIRD	, 900YS	TOTAL (Habitat Expenditures)	-		
a. Impoundments	-	· 5,	900	10. RECREATION (State O//ices complete)	VISITOR DAYS		
b. Natural wetlands				a. Hunting (1) Big game	-		
4. RARE AND EN SPECIE	DANGERED	NO. OF SPECIES	ACRES OF HABITAT (1,000)	(1) Big game (2) Small game	-		
a. Rare		1.	23	(3) Waterfowl	-		
b. Endangered				TOTAL (Hunting)			
5. WILDLIFE PERSONNEL			NUMBER	b. Fishing	-		
a. Biologists (CSC	wildlife serie	s)	1	c. Nonconsumptive use •	-		
b. Coordinators (tra	ined or u::'rain trict coordinat			11. COMMERCIAL FISHING (lbs. harvested)	· -		
Remarks							

(Instructions inside back cover)

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		NUMBER		SPECIES		NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
lope	100	600	7	SUBTOTAL (con't)			
Bear Brown				Elk	· .		
Black				Moose			
Buffalo	falo			Mountain Goat			10
Caribou	aribou			Mountain Lion	No Da	ita	10
Deer				- Peccary			
Black Tail				Bighorn Sheep			
White Tail				Turkey .	100	÷ .	none
Mule	3,000	36,000	443	Wolf			
SUBTOTAL	3,100	36,600	450	GRAND TOTAL		36,600	460
		13. (		TAT IMPROVEME (fice Completes)	NTS		
			UNIT	UNITS		COST	
-	ITEM		OF WORK	COM- PLETED	BUREAU	BUREAU CON	
a. Wildlife food (1) Prescrib			Acres				
			Acres				
	spraying, chair and planting	ing	Acres				
(4) Waterfow			Acres				
(5) Fencing	1 marsu		Miles				
	water developm	ents	Number				
<ul> <li>b. Fishing stream (1) Channel</li> </ul>	ams		Number				-
(2) Barrier r	emoval		Number				
(3) Spawning			Rods		-		-
(4) Bank sta			Rods				
(5) Fencing			Miles	· .			
(6) Rough fi	sh removal		Miles				
	lakes and reservoirs. atic plant control		Acres		•		
(2) Rough fi	sh removal		Acres				
(3) New fish			Acres				
	pools of water		Acre Ft.				
						1	
(4) Minimum (5) Spawnin (6) Fencing		rs, etc.	Number Miles				

GPO 859-492



Form 6500-1 (July 1970) (formerly 6960-1)	DEPARTM	NITED STAT ENT OF THE	INTERIOR	· ·	Office Ely	÷
		FE ANNUAL			Fiscal Year 1971	
1. HABITAT	CONDITION	ACRES (	1,000's) UNSATIS.	6. WILDLIF	E SURVEYS	NUMBER
a. Terrestrial (1) Big game		1,360 <del>976</del>	2041464	a. Use, condition an	d trend (transects)	4
(2) Small gam	e	1312000	6884 <del>80</del>	<ul> <li>b. Stream and lake</li> <li>7. HABITAT MAN</li> </ul>	AGEMENT PLANS	1 
(3) Waterfowl		6909-	60 <del>00-</del>	(Wildlif	e Species)	4
b. Aquatic (1) Lakes	NUMBER 0	0	0	b. Aquatic	· · · · · · · · · · · · · · · · · · ·	2
(2) Reservoir	s 0	0	0	8. HABITAT DEVEL (Completed	OPMENT PROJECTS	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
• (3) Stream (10	tål miles)	30	10	a. Terrestrial ·		3
2. TERRES	TRIAL AND TAT BLOCKED	ACRES	MILES	b. Aquatic		3
TO PUBLI	C ACCESS	OF HABITAT	OF STREAMS	9. HABITAT	EXPENDITURES	DOLLARS
Closure of pri	vate lands	0	. 0	a. Management		8,400
b. Lack of physi	cal access	· 0	0	b. Development		0
T	DTAL (a + b)	0	+: - 0	c. Maintenance		. 0 ,
. 3.	WATERFOWL USE	E , BIRD	-DAYS	TOTAL (Habita	t Expenditures)	3,400
a. Impoundments	1	300	)	10. REC (State O//i	CREATION ces complete)	VISITOR DAYS
b. Natural wetla	inds	2,500	)	a. Hunting (1) Big game		
4. RARE AND SPE	ENDANGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game		
a. Rare				(3) Waterfowl		
b. Endangered		4	500, <del>000</del>		TOTAL (Hunting)	
5. WI	LDLIFE PERSON	NEL	NUMBER	b. Fishing		
a. Biologists (C	CSC wildlife seri	es)	/1	c. Nonconsumptive	use	
b. Coordinators	(trained or u::'ra district coordin	uinęd ators)		11. COMMERCIAL	FISHING (lbs. harvested)	

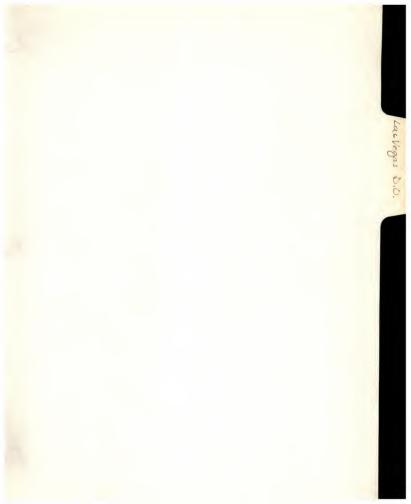
Remarks

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	12. WIL	DLIFE POPL	ILATIONS AN	D HARVEST FR	ROM	PUBLIC LA	NDS		
		NUMBER					NU	NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES		POPULATION	А	Ma	HARVEST
Antelope	300	1500_	25	SUBTOTAL ` (con't)		35,300	· 17	6,500	8025
Bear	0			Elk		150		750	0
Brown				Moose		0			
Black	0		1.	Mountain Goa	it	0			
Buffalo	0	-	· · ·	Mountain Lion	n	150			30
Caribou				Peccary		0			-
Black Tail 0				Bighorn Shee	p	35		175	0
White Tail	0			Turkey		, 0			
Mule	35,000	175,000	8,000	Wolf		0			
SUBTOTAL	35,300	176,500	8,025	GRAND TOT		35,635	17	7,425	8,055
		13. 0	IRECT HABI	TAT IMPROVE! //ice Completes	MEN	ITS			
					5)		COS	T	
1	ITEM		UNIT OF WORK	UNITS COM- PLETED	COM-				TRIBUTED
a. Wildlife food (1) Prescribe			Acres				-		
(2) Release	spraving, chain	ing	Acres						
(3) Seeding a	and planting		Acres ·						
(4) Waterfow	l marsh		Acres						
(5) Fencing			Miles		•				
(6) Wildlife	water developm	ents	Number				-		
<ul> <li>b. Fishing stream (1) Channel</li> </ul>			Number						
(2) Barrier r	emoval		Number			-		107	
(3) Spawning			Rods					<u>.</u>	R <sup>H</sup> O
(4) Bank sta	bilization		Rods				COMPANY OF A PARTY OF		
(5) Fencing			Miles					N	24.2
(6) Rough fit	sh removal		Miles	· · · · ·					
c. Fishing lake (1) Aquatic		Acres				- 1		ANAGE TE OFF	
(2) Rough fi	sh removal		Acres					2	22
(3)' New fish			Acres				-	S	4
	pools of water		Acre Ft.				j.	>	
	g areas, shelter		Number		1				· · ·
) Fencing			Miles		-				
				TOTAL					

GPO 859 - 492



Form 6500-1 (July 1970) merly 696		DEPARTM		TES E INTERIOR NAGEMENT		۰. 27-050	as Vegas			
<b>`</b> .			E ANNUAL			Fiscal Year				
				(1,000's)		1971	NUMBER			
1. HAE	ITAT COND	ITION	SAT IS.	UNSATIS.	6. WILDLIFE	SURVEYS	NUMBER			
a. Terrestri (1) Big	(1) Dia anno			752,000~	4					
(2) Smal	l game			685,000		<ul> <li>b. Stream and lake</li> <li>7. HABITAT MANAGEMENT PLANS</li> </ul>				
(3) Wate	rfowl		1_600	1	(Wildlife	Species)	5-2-2			
b. Aquatic		NUMBER			a. Terrestrial		5			
(1) Lake	s	0	0	0	b. Aquatic		1			
(2) Rese	ervoirs	0	0	0	8. HABITAT DEVELC (Completed of	PMENT PROJECTS				
(3) Strea	um (total mi	les)	5	- 4	a. Terrestrial		1			
AQUATIC	2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		ACRES OF HABITAT (,622) MILES OF STREAMS	OF	b. Aquatic		1			
TO F				STREAMS	9. HABITAT EX	DOLLAR				
losure	of private l	ands	0	0	a. Management	13,00				
b. Lack of	physical ac	cess	100 <b>,000</b> -	3	b. Development		7,70			
	Total	(a + b)	100, <del>000</del>	. 3	c. Maintenance		1,00			
1	3. WATER	FOWL USE	BIRD	-DAYS	TOTAL (Habitat	21,70				
a. Impound	nents			0	10. RECR (State Offices	VISITOR				
b. Natural	wetlands		24,0	000	a. Hunting (1) Big game					
4. RARE	AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF	(2) Small game		_			
a. Rare	. Rare 5		2,500, <del>000</del>	. (3) Waterfowl						
5. Endangered 6		3,000,0 <del>00</del>	TOTAL (Hunting)							
5	. WILDLIFE	PERSONNE	EL.	NUMBER	b. Fishing					
a. Biologis	Biologists (CSC wildlife series)			1	c. Nonconsumptive us					
"	Coordinators (trained or untrained				11. COMMERCIAL FISHING (lbs. barvested)					

Item 7 above includes all HMP's completed to date.

		NUMBER		SPECIES		NUMBER			
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATIO	AM3	HARVEST		
Antelope	8	96 ~	0	SUBTOTAL					
Bear Brown	0			Elk	60	720	4		
				Moose	0				
Black	0		1.	Mountain Goa	it O				
Buffalo	iffalo 0			Mountain Lio	n Unknown				
Caribou	0		-	Peccary	0				
Deer Black Tail	0		Bighorn She		p 650	9,000	8		
White Tail	0.			Turkey	. 0				
Mule	2,500	30,000	70	Wolf	0				
SUBTOTAL	2,508	30,096	70	GRAND TOT	AL 3,218	39,816	82		
				TAT IMPROVE //ice Complete					
	ITEM		UNIT OF WORK	UNITS COM- PLETED	BUREA	J COST	CONTRIBUTED		
a. Wildlife food (1) Prescribe		×.	Acres			-			
	spraying, chain	ing	Acres						
(3) Seeding a			Acres .						
(4) Waterfowl (5) Fencing	l marsh	· ·	Acres Miles		. /				
	water developm	ents	Number	2	\$7,000		\$150		
<ul> <li>b. Fishing streat</li> <li>(1) Channel streat</li> </ul>	ims		Number						
(2) Barrier re			Number	/					
(3) Spawning			Rods /						
(4) Bank sta	bilization		Miles						
(5) Fencing (6) Rough fis	1		Miles						
		(	miles		<hr/>				
	ing lakes and reservoirs Aquatic plant control								
(2) Rough fis	sh removal	/	Acres						
(3) · New fish		•	Acres			\			
	pools of water		Acre Ft.						
	g areas, shelter	s, etc.	Number				•		
i) Fencing	/		Miles	L					
<				TOTAL	\$7,000		\$150		



Form		
(July	1970	))
(for	nerly	6960-1)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Battle Mountain

Fiscal Year 1971

# WILDLIFE ANNUAL REPORT GENERAL STATISTICS

		GENE	ERAL STATE	STICS	1371	
	1. HABITAT CONDI	ITION	ACRES (	1,000's) UNSATIS.	6. WILDLIFE SURVEYS	NUMBER
	Terrestrial (1) Big game		1,517,000	345,000	a. Use, condition and trend (transects)	23
_					b. Stream and lake	1
	(2) Small game		1,833, <del>000</del>		7. HABITAT MANAGEMENT PLANS (Wildlife Species)	A. F. M
	(3) Waterfowl		0	0	a. Terrestrial	2
).	Aquatic (1) Lakes	NUMBER 0			b. Aquatic	1
	(2) Reservoirs	0		·'	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	() ()
-	(3) Stream (total mil	les)	86	42	a. Terrestrial	0
	2. TERRESTRIAL	AND	ACRES	MILES	b. Aquatic	0
	AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		HABITAT-	STREAMS	9. HABITAT EXPENDITURES	DOLLARS
a .	Closure of private lands		25, <del>000</del> 1	21	a. Management	10,500
э.	Lack of physical access		· 0	0	b. Development	0
-	TOTAL	(a + b)	25 <b>,00</b> 0	2	c. Maintenance	. 0 /
	3. WATER	RFOWL USE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	_
a	. Impoundments				10. RECREATION (State O/fices complete)	VISITOR DAYS
b.	, Natural wetlands				a. Hunting (1) Big game	
	4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	
8	Rare		2 2		(3) Waterfowl	
Б	. Endangered	·	0	0	TOTAL (Hunting)	-
-	5. WILDLIFE	E PERSONN	.EL	NUMBER	b. Fishing	
	. Biologists (CSC with	Idlife serie	25)	0	c. Nonconsumptive use	
Б	. Coordinators (traine	ed or u::'rai		1	11. COMMERCIAL FISHING (Ibs. barvested)	
R	Remarks 1 Smith (	Creek (2) Canyon	20,000 a. 8 (5,000 A.) h & Lahonta	)	#4. Acreage not complete f #7. Accumulative for all p accomplishments.	or all spe ast years

SPECIES		SPECIES		UMBER				
SFECIES	POPULATION	AMs ·	HARVEST			POPULATION	AMs.	HARVEST
ope .	90	1080 <sup>3</sup>	-	SUBTOTA (con't)	L.,	8990	98,380	1100
Bear Brown	0	0	o	Elk		0.	0	0
Black		0	0	Moose		0	0	0
Buffalo	. 0	0	0	Mountain Go	at	0	0	0
10	-			Mountain Lic	'n			
Caribou	0	0	0	Peccary		0	0	0
Black Tail	0	0	0	Bighorn Shee	ep	50	200 <sup>5</sup>	0
White Tail	0	0	0	Turkey		0	0	0
Mule	8900	97,000 4	1100	Wolf		0	0	0
SUBTOTAL	8930	98,980		GRAND TOT	AL	9040	93,180	1100
		13. D	Washington O	TAT IMPROVE //ice Complete	MEN s)	NTS	COST	
n	ITEM		UNIT OF WORK	UNITS COM- PLETED		BUREAU		NTRIBUTED
a. Wildlife food (1) Prescribe			Acres					3
	spraying, chair	ing	Acres	·				
(3) Seeding a			Acres					
(4) Waterfowl	marsh		Acres	·	-			
(5) Fencing	ater developm		Number		-			
b. Fishing strea (1) Channel s	ms	÷	Number *					
(2) Barrier re			Number		L			
(3) Spawning			Rods		-			
(4) Bank stal	Dilization		Rods Miles					
(5) Fencing			Miles					
(6) Rough fis			miles		1-			
<ul> <li>Fishing lakes and reservoirs</li> <li>(1) Aquatic plant control</li> </ul>			Acres					
(2) Rough fis	sh removal		Acres					
(3) 'New fish			Acres					
(4) Minimum	pools of water		Acre Ft.		-	·		
	areas, shelter	rs, etc.	Number		-			
(6) Fencing			Miles	1	-			
· ·								

12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

3 90 animals for 12 mos. = 1080 AM's. 4 8000 animals for 11 mos. = 97,900 AM's 5 50 animals for 4 mos. = 200 AM's.

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1055671842

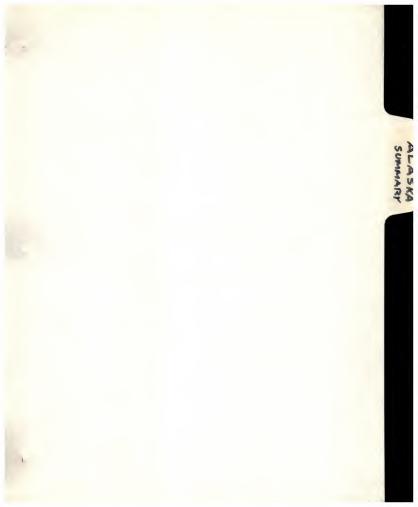


SUMMARY

BLM Library Denver Federal Center Bldg. 50, OC-521 P.O. Box 25047 Denver, CO 80225 1971 WILDLIFE REPORT: Visiter Days

5

STATE {	HUMING	FISHING	NON - CONSUMPTIVE	2
AK	1, 297,300	417,600	920,000	2,634,900
AZ	304,000	# 10,000	®314,000	628,000
СА	1,236,000 .	715,000	1,900,000	3,851,000
Co	535,060	85,300	45,000	665,300
, Id	212,700	252,000	250,800	715,500
MT *	220,400	234,000	20,000	474, 100
NV	230,900	240,000	€ <sup>®</sup> 1,675,000	1,545,900
NM	235,000	225,000	1,020,000	( 1,480,00.
OR	785,900	1,501,100	1,948,500	4,235, 50
UT	378,500	56,000	39,200	473,701
WY	316,100	12,100	560,000	\$88,200
OTAL	5,435,700	3,736,000	7,632,500	15,158,300
	5,751,800	3,748,100	5,092,500	16,704,200
		970 Public Level St	to trates	17,592,401



-PTIONAL FORM NO. 10 MAY INTE EDITION SEAS PPAR (41 CPR) 101-11.6 UNITED STATES GOVERNMENT

# Memorandum



TO : Director

DATE: November 24, 1971

FROM : SD, Alaska

SUBJECT: Annual Wildlife Report

In reply refer to: 1165/6960 (930) Your reference: (360)

Attached is a copy of the Wildlife Annual Report for FY 74. The delay

in submitting the report was unavoidable.

Enclosures 3 Encl. 1 - Consolidated State Report w/Narrative Encl. 2 - Anchorage District Report Encl.(3 - Fairbanks District Report

RECEIVED BUREAU OF LAND MANAGEMENT COMMUNICATIONS UNIT.

NOV 29 1971 MM 7,5.9.10.11.12,12,3,4,5,6



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# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Alaska

Fiscal Year 1971

WILDLIFE ANNUAL REPORT GENERAL STATISTICS

-			ACRES (	1.000*s)		
1. HABITAT CONDITION			SAT IS.	UNSATIS.	6. WILDLIFE SURVEYS	NUMBER
	. Terrestrial (1) Big game		255 Million		a. Use, condition and trend (transects) 2/	40
-	(2) Small game		255		b. Stream and lake	None
-	(3) Waterfowl		Million 57		7. HABITAT MANAGEMENT PLANS (Wildlife Species)	
_		NUMBER	Million		a. Terrestrial	None
).	Aquatic (1) Lakes		8,000,000		b. Aquatic	None
	(2) Reservoirs		None		8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
	(3) Stream (total miles)		50,000		a. Terrestrial	None
	2. TERRESTRIAL	HABITAT BLOCKED OF		MILES	b. Aquatic	None
	TO PUBLIC AGO			OF STREAMS	9. HABITAT EXPENDITURES	DOLLARS
a.	Closure of private lands		No est. available		a. Management	
ь.	Lack of physical a	ack of physical access		00	b. Development	
-	Total (a + b)		×.		c. Maintenance	-
	3. WATE	RFOWL USE	BIRD-DAYS		TOTAL (Habitat Expenditures)	
a.	Impoundments		None	2	10. RECREATION (State Offices complete)	VISITOR DAYS
b.	Natural wetlands	<u>1</u> /	960,000,000		a. Hunting (1) Big game	243,400
	4. RARE AND ENDA SPECIES	ANGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	253,900
a .	Rare Glacier H	Bear	1	Unknown	(3) Waterfowl	800,000
ь.	Endangered Pere	egrine	1	Unknown	TOTAL (Hunting)	1,297,30
5. WILDLIFE PERSONNEL			EL	NUMBER	b. Fishing	417,60
a	Biologists (CSC wi	ildlife serie	s)	5	c. Nonconsumptive use	920,00
b. Coordinators (trained or untrained district coordinators)				None	11. COMMERCHERISHING (Ibs. barvested)	134.275.

warks 1/ Estimate based on fall population of 8 million waterfowl, resident average
of 120 days/yr.

2/ Established on PD by ADF&G

AK

SPECIES		NUMBER		SPECIES			NUMBER	
UL D'OLDO	POPULATION	AMs	HARVEST	ST LOLLO		POPULATION	AMs	HARVEST
Antelope				SUBTOTA (con't)	L	577,600	1,660,800	30,480
Bear Brown	7,000		250	Elk				
Black	20,000		200	Moose		100,000	1,200,000	3,000
Diack	20,000	<u> </u>	200	Mountain Go	at	5 000	15 000	200
Buffalo	600	10,800	30	Mountain Li	on	5,000	15,000	200
Caribou	550,000	1,650,000	30,000	Peccary				,
Deer Black Tail				Dall Bighorn She	ep	35,000	105,000	900
White Tail				Turkey				
Mule				Wolf		5,000		750
SUBTOTAL	577,600	1,660,80	30,480	GRAND TO:	FAL	722,600	2,980,800	35,330
			URECT HABIT (Washington O			NTS		
	4				É		COST	
)	ITEM		UNIT OF WORK	UNITS COM- PLETED		BUREAU	CONT	RIBUTED
a. Wildlife food a (1) Prescribe			Acres	-				/
	spraying, chain	ing	Acres					
(3) Seeding a			Acues	•				
(4) Waterfowl (5) Fencing	marsh		Acres Miles					
	vater developm	ente	Number		-			
<ul> <li>b. Fishing stream (1) Channel stream</li> </ul>	ms	ento	Number					
(2) Barrier re			Number					
(3) Spawning			Rods					
(4) Bank stat	oilization		Rods		-			
(5) Fencing			Miles		<u> </u>			
(6) Rough fis	h removal		Miles					
<ul> <li>c. Fishing lakes</li> <li>(1) Aquatic p</li> </ul>		s	Acres					
(2) Rough fis	h removal		Acres		t			
(3) New fishi			Acres					
(4) Minimum			Acre Ft.					
	areas, shelter	s, etc.	Number					
(6) Fencing			Miles		L			
				TOTAL				

12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

GPO 859 - 492

111

# CONSOLIDATED NARRATIVE REPORT FISCAL YEAR 1971

# A. Habitat Management

Wildlife activities continue to be focused on inventory and planning within the planning system (URA & MFP). Action centered primarily on the White Mountain, Wrangell Mountain, and Iliamna Planning Units. Pipeline biologists continued their inventory of fish and wildlife resource.

#### B. Animal Damage

Animal damage problems are minor on public lands in Alaska. A minor wolf and fox control program was conducted in FY 71 on the reindeer ranges on the Seward Peninsula. The control program is jointly financed by the BIA and BSF&W. This is a low-key control program employing only nonchemical methods of control. Most of the control is through aerial gunning.

### C. Wildlife Statistics

Lack of physical access involving an estimated 250 million acres is based on the limited road network. Aircraft use for sport hunting and fishing is common, which affords access to a much broader area of the public lands.

Four species of wildlife on the rare and endangered list are found on the public lands in Alaska. Included are the wolf, grizzly bear, glacier bear and peregrine falcon. Only the glacier bear and peregrine falcon are considered as rare or endangered in Alaska.

Five biologists were employed by BLM in Alaska in FY 71. The positions are distributed as follows: One State Office wildlife biologist; one Fairbanks District wildlife biologist; two wildlife specialists in anchorage District; and one fisheries biologist in the Pipeline Division.

Statistical data on recreational use of the public lands is based on license data furnished by the Alaska Department of Fish and Game. In calendar year 1970, 67,974 hunting licenses and 113,394 fishing licenses were sold.

Big game hunting estimates are based on hunting license sales plus an additional 10 percent of total sales to account for unlicensed big game hunters (under 16 years of age).

Recreational use in small game hunting is based on total license sales plus an additional 20 percent to account for unlicensed hunters.

Only one license need be purchased for both big game and small game hunting. All hunting license holders are assumed to have participated in both big game and small game hunting. The public lands in Alaska are assumed to have absorbed 75 percent of all hunting effort in both big game and small game hunting. We continue to use average hunting days for big and small game hunting developed by Buckley. 1/2 Assumed use is 4.34 days of big game hunting and 4.15 days in small game hunting.

Waterfowl visitor days were calculated on an estimated fall flight of 8 million birds. It is assumed that 20 percent of the fall flight was harvested (1.6 million birds) and that it took an average one-half day of use to harvest one bird.

Fishing visitor days were calculated on the basis that unlicensed fishermen (under age 16) added an additional factor of 50 percent of all licensed fishermen. Fishermen spent an average of 9.82 days fishing.<sup>1</sup> but only 25 percent of this effort is estimated to have occurred on public lands because of limited road access.

The figures reported reflect a <u>15 percent</u> increase in hunting and fishing visitor days (except for waterfow1) over the last reported figures, based on actual license sales data. Accordingly, nonconsumptive use estimates were increased by 15 percent under the assumption that nonconsumptive use would grow at least as fast as consumptive uses. The figure entered is strictly a wild estimate and should be considered as such.

The commercial fish catch reported is based on actual catch statistics for calendar year 1970 published by the Alaska Department of Fish and Game. It should be noted that the estimated catch attributed to the public domain is <u>almost double</u> the figure contained in the previous report. Basic assumptions were the same in developing the estimates for both reports. The commercial fish catch estimates are considered fairly accurate and reliable.

### D. Other Problems

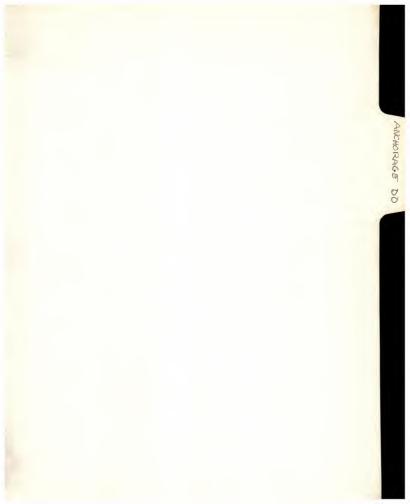
All the wildlife biologists in Alaska devote only part time to the wildlife activity. Other shared responsibilities include range, soil and watershed, and in one case lands. Productivity is suffering because of the constant shifting from one activity to the other to handle priority items.

<sup>1/</sup> Buckley, John L., "Wildlife in the Economy of Alaska," Biological Papers of the University of Alaska, No. 1 (Revised), December 1957, 33 pp., illus.

Of increasing concern is the lack of fisheries biologists on either the regular State Office or District Office staffs. One full-time fisheries biologist is employed on the Fipeline Division staff, but his responsibilities in pipeline connected work absorb his efforts full time. The public domain contributed an estimated 50 percent of the total commercial salmon catch in CY 70. We need staff technical expertise in fisheries at both the State and District office level to give this resource the attention it desarves.

#### E. Training

The wildlife activity funded the attendance of two individuals to the Wildlife and Conservation Short Course, a one-week training session sponsored by the University of Alaska.



Fo	rm 6500-1 y 1970) srmerly 6960-1)	DEPARTME BUREAU O WILDLIF	NITED STAT ENT OF THE F LAND MAI E ANNUAL RAL STATI	LINTERIOR NAGEMENT ASG 16 REPORT	1 20 MH 71	Office Anchorage Fiscal Year 1971	
-	1. HABITAT CON	DITION	ACRES (	1,000's)	the second second second second	E SURVEYS	NUMBER
a.	Terrestrial (1) Big game	90 million	UNDRID.	a. Use, condition ar	d trend (transects)	40	
_	(2) Small game		same			IAGEMENT PLANS le Species)	-
_	(3) Waterfowl		30 million		a. Terrestrial	e species)	-
Ъ.	Aquatic (1) Lakes	NUMBER	No esti	mate	b. Aquatic	-	-
-	(2) Reservoirs		н	н		OPMENT PROJECTS	
-	(3) Stream (total n	niles)	н	н	a. Terrestrial		-
2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED		ACRES OF	MILES	b. Aquatic		-	
	TO PUBLIC AC	-CE35	HABITAT	STREAMS	9. HABITAT	EXPENDITURES	DOLLARS
α.	Closure of private lands No			mate	a. Management		-
ь.	Lack of physical a	access	п	н	b. Development		
-	TOTA	L (a + b)		11	c. Maintenance		-
-	3. WATE	ERFOWL USE	BIRD	-DAYS	TOTAL (Habita	at Expenditures)	-
a	Impoundments				10. REG (State Offi	VISITOR DAYS	
b	Natural wetlands		456 mil	lion	a. Hunting		
	4. RARE AND ENDANGERED NO. OF SPECIES SPECIE		NO. OF SPECIES	ACRES OF HABITAT	<ul><li>(1) Big game</li><li>(2) Small game</li></ul>		
a	Rare	ire			(3) Waterfowl	-	
ь	b. Endangered 2/ 1						
5. WILDLIFE PERSONNEL			NUMBER	b. Fishing			
8	. Biologists (CSC 1	vildlife serie	s)		c. Nonconsumptive	use	
b	. Coordinators (trai distr	ned or utrain			11. COMMERCIAL F	ISHING (lbs. barvested)	
	Jarks						

1/ Data not available to properly evaluate whether satisfactory or unsatisfactory. 2/ Peregrine falcon - No acreage estimate.

61 .

SPECIES	NUMBER			SPECIES		NUMBER			
ST ECIES	POPULATION	AMs	HARVEST	or Echilo	POPULATION	AMs	HARVES		
				SUBTOTAL					
Antelope				(con't)					
Bear Brown				Elk					
BIOWI				Moose					
Black			÷.						
Buffalo	-			Mountain Goat					
Bullalo		91		Mountain Lion					
Caribou									
Deer			1	Peccary					
Black Tail			· ·	Bighorn Sheep					
Diuck Tuil		Sc	1 12	Bignorn Sneep					
White Tail		- 		Turkey					
Mule			_	Wolf					
mule				WOII	_				
SUBTOTAL				GRAND TOTA	L				
		13.		TAT IMPROVEM					
			(Washington O	ffice Completes	)				
	ł		UNIT	UNITS		COST			
	ITEM	15.24	OF WORK	COM- PLETED	BUREAU	co	NTRIBUTED		
						-			
a. Wildlife food									
(1) Prescribe			Acres	None			. /		
	spraying, chain	ing	Acres						
(3) Seeding a			Acres	· · · · ·					
(4) Waterfow	l marsh		Acres	-					
(5) Fencing			Miles						
(b) Wildlife v	water developme	ents	Number						
b. Fishing strea		10 D = -	147	1			-		
(1) Channel	structures		Number						
(2) Barrier re		1.	Number	· · · · · · · · · · · · · · · · · · ·	*** *				
(3) Spawning			Rods						
- (4) Bank sta			Rods						
(5) Fencing	bilibution	- 1	Miles						
(6) Rough fis	sh removal		Miles						
			inites				1		
c. Fishing lakes									
(1) Aquatic p			Acres						
(2) Rough fis	sh removal		Acres						
(3) New fish	ing lakes		Acres						
	pools of water		Acre Ft.						
	g areas, shelter	s, etc.	Number						
10			Miles						
(6) Fencing			1 marco						

-

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# 12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

GPO 859 - 4

Wildlife Annual Report FY 1971 AUG 16 1 20 F11 771

ANCHURAGE ALASKA

#### Narrative

A. Habitat Management

Major input was toward completion of the Wrangell Mountains MFP and Iliamna URA.

B. Animal Damage

None

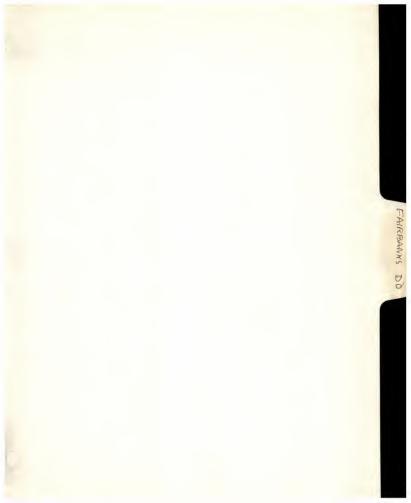
C. Wildlife Statistics

Condition - trend studies shown under 6(a) are being done by Alaska Dept. of Fish and Game.

D. Other Problems

Same as last year

- E. Jobs Completed
  - -- Wrangell Mountains MFP.
  - -- Illiamna URA
  - -- Extensive habitat inventory Kuskokwim River (Stony River-McGrath)
  - -- Wildlife Training, U of A Wildlife Biologist, Glennallen
  - -- Wildlife Workshop Wildlife Specialist, District



Form 6500-1 ly 1970) ormerly 6960-1)

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# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT WILDLIFE ANNUAL REPORT

Office

Fairbanks

Fiscal Year

# 1971

GENE	RAL STAT		1971	1971	
1. HABITAT CONDITION	ACRES		6. WILDLIF	IFE SURVEYS NU	
	SATIS. UNSATIS				
. Terrestrial <u>1</u> / (1) Big game	165 🗉	illion	a. Use, condition and	trend (transects)	None
(2) Small game 1?	165 m	illion	b. Stream and lake		None
(3) Waterfowl	27 -	illion	7. HABITAT MAN (Wildlife	AGEMENT PLANS Species)	
NUMBER	27 1		a. Terrestrial		None
Aquatic <u>1</u> / (1) Lakes	Unknown	Únknówn	b. Aquatic		None
(2) Reservoirs	None	None	8. HABITAT DEVEL (Completed	OPMENT PROJECTS or contracted)	
(3) Stream (total miles) <u>1</u> /	25,000		a. Terrestrial		None
2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED	ACRES MILES		b. Aquatic		None
TO PUBLIC ACCESS BY	OF HABITAT	OF STREAMS	9. HABITAT E	DOLLAR	
. Closure of private lands		200	a. Management		7,300
b. Lack of physical access	172 million 172 million 200 BIRD-DAYS		b. Development		
TOTAL (a + b)			c. Maintenance TOTAL (Habitat Expenditures)		
3. WATERFOWL USE					7,300
a. Impoundments	None	None	10. REC (State O//ic	REATION es complete)	VISITO
b. Natural wetlands			a. Hunting (1) Big game		
4. RARE AND ENDANGERED SPECIES	NO. OF ACRES OF SPECIES HABITAT		(1) Big game (2) Small game		
a. Rare 2/	2	165 mill	on (3) Waterfowl		
b. Endangered <u>3</u> /	1	165 mill		Terres (Useties)	
5. WILDLIFE PERSONN	NUMBER	b. Fishing			
a. Biologists (CSC wildlife serie	s)		c. Nonconsumptive	use	
b. Coordinators (trained or untrai district coordinat			11. COMMERCIAL F	ISHING (lbs. barvested)	

Includes grizzly bear and peregrine falcon  $\frac{2}{3}$  Includes grizzly beau 3/ Includes timber wolf

	1	NUMBER		1	1	NUMBER			
SPECIES	POPULATION AMS		HARVEST	SPECIES	POPULATION	AMa	HARVEST		
Antelope				SUBTOTAL (con't)					
Bear Brown				Elk					
Black				Moose					
Buffalo	++	1		Mountain Goa	ıt				
Caribou	-			Mountain Lio	n				
	479,000			Peccary					
Deer Black Tail				Bighorn Shee	•				
White Tail				Turkey					
Mule				Wolf			1.00		
SUBTOTAL			-	GRAND TOT	AL	1			
		13.		TAT IMPROVE					
	ł		UNIT	UNITS		COST			
- 3	ITEM		OF WORK	COM- PLETED	BUREAU	co	DNTRIBUTED		
<ul><li>a. Wildlife food</li><li>(1) Prescribe</li></ul>	ed burning		Acres	None			· +		
	spraying, chaining	ng	Acres	None					
	and planting		Actes	none *					
(4) Waterfow (5) Fencing	1 marsh		Acres Miles	None					
	water developme	ate	Number	None					
b. Fishing strea (1) Channel	ms		Number				·		
(2) Barrier re			Number	None					
(3) Spawning			Rods	None					
(4) Bank sta	bilization		Rods	None					
(5) Fencing	211		Miles	None			- restant and another		
(6) Rough fis	sh removal		Miles	None					
<ul> <li>c. Fishing lakes</li> <li>(1) Aquatic p</li> </ul>			Acres	None					
(2) Rough fis	sh removal		Acres	None					
(3) New fish	ing lakes		Acres	None		-			
	pools of water		Acre Ft.	None					
	areas, shelters	etc.	Number	None					
(6) Fencing			Miles	None					
				TOTAL					

GPO 859 - 492

# SEP 1 4 1971

# SEP 15 10 05 31 F.Y. 1971 WILDLIFE ANNUAL REPORT

#### A. Habitat Management

One URA and MFP was completed for the White Mountain Planning Unit. Inventory information was gathered for writing of 40-Mile URA and MFP in FY-72.

## B. Animal Damage

No significant animal damage problems relating to public land resources have occurred during the reporting year. Predator control activities within the District remain small and limited primarily to wolf control on reindeer ranges. Occasionally, a problem grizzly bear is eliminated which is killing reindeer but these incidents are rare.

#### C. Wildlife Statistics

Lack of physical access 2(b) involving 172 million acres (80% of terrestial, and aquatic habitat) is based upon the average individual who is restricted to the limited road system and rivers adjacent roads. Aircraft travel would appear to be high but considering the large acreages involved. limited air strips, high flying costs, etc., air travel access for the average individual is low.

Rare species listed under 4(a) includes the grizzly bear and perigrene falcon. No habitat acreage information is available for the perigrene falcon and grizzly.

# D. Wildlife Personnel

One District Wildlife Specialist. One-week conservation short course was attended by two District personnel in Spring 1971.

#### E. Other Problems

Throughout the District road system, access problems exist along approximately 200 miles (posted private property). Potential for future access problems exists along the entire road system. Access corridors across state selected lands should be identified and preserved now to ensure future access to public domain lands. As significant fish and wildlife areas are identified for recreational purposes, the State Division of Lands, Department of Natural Resources should be made aware of potential public access problems for their planning purposes.

The District wildlife program continues to move slowly due to other activities (1520, 1260, 1220 and fire fighting duties) demanding the time of the District Wildlife Specialist. Due to the rapid pace with which Alaska is growing and changing, it is imperative that greater input be directed to 1285 activities to ensure protection and sound management of the wildlife resources.

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# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

State Office 3022 Federal Building Phoenix, Arizona 85025

6960 (930 : 360 Your Re:

IN REPLY REE

6Z

October 20, 1971

Memo randum

To : Director

From : State Director, Arizona

Subject: Wildlife Annual Report

This is to transmit our Annual Wildlife Report for 1971 and the General Statistics, Form 6500-1 for F.Y. 1970.

In E. Collins

Acting

RECEIV BUREAU OF LAND MANAGEMENT BUREAU OF LAND MANAGEMENT OCT 23 1971 AM 718-918-11-1213141516 69

#### ANNUAL WILDLIFE REPORT

#### ARIZONA 1971

#### Habitat Management

Wildlife habitat on public domain in Arizona continues to show evidence of decline. Excessive use by domestic livestock and the potential loss of additional lands in satisfaction of State lieu selection rights reduce the opportunity for maintenance of productive wildlife habitat. Newspaper articles have recognized the severity of drought throughout the State during the past year. One District Manager strongly considered the necessity for a full district closure to livestock grazing because of severe drought conditions. Unfortunately, a closure could not be effected because of the potential hardship to individual permittees and the indvertent delay of Bureau interpretation of range conditions to effect a plan of action.

Excessive use by livestock has also been noted in portions of the Kofa Game Range, an area where only forage in excess of wildlife needs is to be utilized by livestock. The previous practice of licensing the allotment as a whole without differential between the Kofa Game Range and the remainder of the allotment outside of the Range has been terminated. Current licensing provides for a limit of use within the Kofa Game Range separate from the remainder of the allotment.

Conflicts have also been recognized with the ephemeral range policy which applies to desert lands within the State. Lands classified as ephemeral frequently are traversed by desert washes where the more luxuriant perennial vegetation is apt to occur. These washes are of prime importance for wildlife. Excessive use by livestock of ephemeral plants provides no assurance that perennials will be protected once the ephemeral range has become desiccated. Livestock are seldom removed from desert ranges on a schedule consistent with the loss of annual forage from use or continuation of the drought. The ephemeral range policy is being reviewed by State and District office personnel to determine what measures must be taken to further assure protection of important wildlife values in desert regions.

During the fiscal year an antelope was collected in the vicinity of Havasu Gity on public domain lands in order that a taxonomical determination could be made. Identification of the animal revealed it to be the sub-species <u>Antilocapra americana mexicana</u> not previously known to occur within the State. Population numbers within the vicinity of Havasu City are estimated to be approximately 20 animals. The importance of public domain within this region to provide habitat for this species is clear. The mexicana sub-species has not been classified by the Department of the Interior as endangered. It is reasonable to assume that in time, as evidence is presented to the Department, this species will be given an endangered status. The State Land Department has applied for lands within the area utilized by this sub-species. Meetings have been held between the Bureau of Land Management, the State Land Department and the Arizona Game & Fish Department in an effort to resolve this conflict. It is conceivable that the State's lieu selection will be modified to allow continued Federal ownership of portions of the region utilized by the mexican antelope. It is evident that protective measures will be difficult to accomplish where the habitat lies adjacent to a burgeoning modern city. The desert region lying north of the Bill Williams River and south of Havasu City has important values which may justify additional measures by the Bureau to assure its continued maintenance.

Cooperation has continued with the Bureau of Sport Fisheries & Wildlife and the Arizona Game & Fish Department in attempts to reintroduce the Masked bobwhite to southern Arizona. Additional birds were released in a cooperative area in June 1971. Approximately 600 acres of habitat have been provided for this purpose and a cooperative plan of management developed with the permittee.

Cooperative construction of water developments on public domain for the benefit of big game species has continued. In the Arizona Strip six additional catchments contemplated for completion in 1970 were completed during the fiscal year. Nine big game water catchments were also constructed in the Phoenix District which will improve habitat important to mule deer and bighorn sheep.

An extensive wildlife inventory has been completed in the Safford District. Other districts have been unable to accomplish wildlife habitat management plans because of additional duties and changes in personnel which allowed for only priority effort.

A joint effort to identify important wildlife habitat areas along the Colorado River associated with the jurisdiction of the Bureau of Land Management was completed during the fiscal year. Personnel from the California Department of Fish & Game and the Arizona Game & Fish Department assisted in this initial identification effort. The completed maps have been forwarded to all participants in order that further revision and updating may occur as additional knowledge becomes available.

#### Animal Damage

The lack of clarification and identified difference in operational procedure between the Bureau and the Bureau of Sport Fisheries & Wildlife prevented use of 1080 on public domain during the fiscal year. Normally three regional meetings with affected agencies, State and Federal, are held in late fall in order to finalize the animal control program. Only one meeting was held and no agreement was reached between participants at that time. The Bureau of Land Management's position not to request control, but only to review requests received from permittees and the Game & Fish Department, was in conflict with directives received by personnel of the Bureau of Sport Fisheries & Wildlife. Animal control in satisfaction of individual requests to correct specific predation problems were authorized where justification appeared adequate. The documentation procedure previously established within the State has continued. All animal control work accomplished on public domain is documented to identify review by the Arizona Game & Fish Department, the Bureau of Sport Fisheries & Wildlife, as well as the district manager.

Changes in statistics have occurred during the fiscal year from those previously provided. In part this has resulted from improved knowledge of the wildlife resources on public domain and in part because of other circumstances not under Bureau control. The loss of lands to the State of Arizona through the selection program in part has effected a change. The assignment of the Upper San Simon Cienega and all of the Mexican Duck project to the Las Cruces District by agreement has effected a change.

Recreation data (Item 10) reflects the basic interpolation procedure previously utilized in modifying harvest statistics compiled by the Arizona Game & Fish Department as necessary to apply to public domain. The interpolation could be further qualified as additional information becomes available within each game management unit to further clarify the relationship or percentage of public ownership within a unit to a more exact analysis of important wildlife habitat within the unit.

#### Wildlife Personnel

Two districts have qualified wildlife biologists. A trained natural resource specialist with wildlife training is also available in the third district. Additional funds could be utilized effectively within the state to assure adequate man months are available to effectively initiate habitat management plans. In the event the man month limitation is not increased, a re-allocation will be required to provide additional emphasis in the Arizona Strip where substantial wildlife benefit can be realized through management and vegetative measures.

#### Other

A general plan providing for management of Mittry Lake by the Arizona Game & Fish Department as a measure to mitigate loss of wildlife habitat along the Colorado River because of channelization has been approved by the respective agencies and is available for signature by the Secretary of the Interior. A Memorandum of Understanding providing for future management of the area has been developed but approval has been delayed

3

by Bureau of Reclamation review. No mitigation measures for wildlife values lost along the Colorado River have been previously authorized. Future management plans by the State for this important wildlife area assure that wildlife will benefit from a management program which is consistent with the Coordination Act of 1958.

Currently identified rare or endangered species of wildlife which occur on public domain within the State are as follow:

		Endan- gered	Rare	Undeter- mined
Mexican Antelope	Antilocapra americana mexicana			x
Sonoran Antelope	Antilocapra americana	х		
Spotted Bat	Euderma maculatum		х	
Tule White Fronted Goose	Anser albifrons gambelli	х		
Mexican Duck	Anas diazi	X		
Bald Eagle	Haliaeetus leucocephalus	х		
Prairie Falcon	Falco mexicanus		х	
American Peregrine	Falco peregrinus anatum	х		
Masked Bobwhite Yuma Clapper Rail	Colinus virginianus ridgwayi Rallus longirostris	<u>    x</u>		
	yumanensis	х		
Greater Sandhill Crane	Grus canadensis tabida	x		
-				
Apache Trout	Salmo sp.	X		
Humpback Chub	Gila cypha	X X		
Little Colorado Spinedace	Lepidomeda vittata	x		
Colorado River Squawfish	Ptychocheilus lucius	x		
Tila Topminnow	Poeciliopsis occidentalis	x		
Loach Minnow	<u>Tiaroga cobitis</u> Meda fulgida	x		
Spikedace	neua Iuigiua	A		

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# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

ARIZONA STATE OFFICE

1970

Fiscal Year

WILDLIFE AN	NUAL	REPORT
GENERAL	STAT	ISTICS

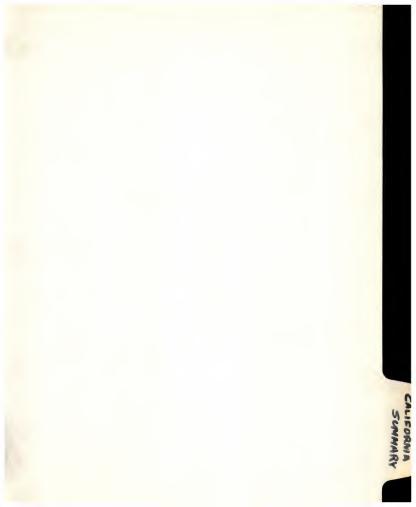
GENI	ERAL STATI	STICS	[19]	
1. HABITAT CONDITION	ACRES		6. WILDLIFE SURVEYS	NUMBER
1. HAGITAT CONDITION	SATIS.	UNSATIS.		
a. Terrestrial (1) Big game	2250	4390	a. Use, condition and trend ( <i>transects</i> )	-
(2) Small game	3728	4592	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	E
(3) Waterfowl (acres)	416	-	a. Terrestrial	_
b. Aquatic (1) Lakes 3	.059	-	b. Aquatic	-
(2) Reservoirs 1/ 2	26.2	-	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
(3) Stream (total miles) 1/	106	104	a. Terrestrial	15
2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED	ACRES	MILES	b. Aquatic	-
TO PUBLIC ACCESS BY	OF HABITAT	STREAMS	9. HABITAT EXPENDITURES	DOLLARS
a. Closure of private lands	102,000	-	a. Management	22,000
b. Lack of physical access	91,000	25	b. Development	52,900
TOTAL (a + b)	193,000	25	c. Maintenance (BLM construction)	(13900)
3. WATERFOWL USE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	74,900
a. Impoundments (1367) 2/	69	,000 -	10. RECREATION (State Offices complete)	VISITOR DAYS
b. Natural wetlands		-	a. Hunting Theorem Inform	64,131
4. RARE AND ENDANGERED SPECIES	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	239,876
a. Rare	2	-	(3) Waterfowl	
b. Endangered	15	-	. TOTAL (Hunting)	-
5. WILDLIFE PERSONN	IEL	NUMBER	b. Fishing	-
a. Biologists (CSC wildlife serie	2s)	3	c. Nonconsumptive use	<b>_</b> C
b. Coordinators (trained or u::'ra district coordina		-1	11. COMMERCIAL FISHING (lbs. harvested)	<u>'477</u>
arks 1/ Includes com		rom LCR C	Office. Stream totals of 56 and 2	1 miles

are respectively satisfactory and unsatisfactory.

2/ Consist mostly of stock tanks where water supply is not dependable.

17	12. WIL		JLATIONS AN	D HARVEST FRO	PUBLIC LA		•
SPECIES		NUMBER		SPECIES		NUMBER	
	POPULATION	AMs	HARVEST	ST LCLLS	POPULATION	AMs	HARVEST
Antelope	265	300	-	SUBTOTAL (con't)	34,965	160,300	2,752
Bear Brown			5	Elk	35	150	0
Black				Moose			-
Buffalo				Mountain Goat			-
Caribou		-		Mountain Lion			-
Deer				Peccary	4,000		701
Black Tail				Bighorn Sheep	2,500	10,000	39
White Tail	2,100	10,000	129	Turkey	200		
Mule	32,600	150,000	2,623	Wolf			1
SUBTOTAL	34,965	160,300	2,752	GRAND TOTAL	41,700	170,450	3,492
				AT IMPROVEME	NTS		
		T	wasnington U	(fice Completes)		COST	1911
	ITEM		UNIT OF - WORK	UNITS COM- PLETED	BUREAU		RIBUTED
a. Wildlife food (1) Prescribe			Acres				1
(2) Release s	spraying, chain	ing	Acres				
(3) Seeding a		*	Acres				
(4) Waterfowl	marsh	1	Acres				
(5) Fencing			Miles				
(6) Wildlife w	vater.developm	ents	Number				
<ul> <li>Fishing strea (1) Channel s</li> </ul>		• • •	 Number				-
(2) Barrier re	moval		Number				
(3) Spawning	areas		Rods				
(4) Bank stat	bilization	a black	Rods				
(5) Fencing			Miles				-
(6) Rough fis	h removal		Miles				
<ul> <li>c. Fishing lakes</li> <li>(1) Aquatic p</li> </ul>			Acres				-
(2) Rough fis	h removal		Acres				
(3) New fishi			Acres				
	pools of water		Acre Ft.				
	areas, shelters	s, etc.	Number				
6) Fencing			Miles				
				TOTAL			19-1

GPO 859 - 492





# United States Department of the Interior

IN REPLY REFER TO: 04930-C.03e 6501

BUREAU OF LAND MANAGEMENT STATE OFFICE 2800 Cottage Way - Room E-2841

Memorandu		AUG 3 1 1971
To:	Director (360)	
From:	State Director, Californ	ia
Subject:	Annual Wildlife Report -	FY 1971

Attached is a copy of the California consolidated report and narrative plus a copy of each district's report. Also attached is a copy of Form 6500-1 for the Nevada portion of the Susanville District.

our

Attachments

# Wildlife Annual Report FY 1971 Narrative

# Habitat Management

Major effort continued on inventory and planning for URAs and MFPs. There were several cooperative projects with the California Department of Fish and Game. These included seedings, plantings, exclosures, and water development. The Trinity deer mitigation project (Bureau of Reclamation reimbursable) continued in the Redding District.

Two projects in the Bakersfield District concerned endangered pupfish. One of these was a fencing project to protect a new transplant of the Devil's Hole pupfish in the Saline Valley. The other was a fence and barrier dam for the Ovens River pupfish. This was in cooperation with CDFG and with a \$1,000 contribution from the John Muir Institute. In the Riverside District a fence was constructed around a small spring pond in which the endangered Mohave Chub was planted.

A range survey was conducted in the Owens Valley to provide information for management of livestock and basic vegetative type mapping in the rare tule elk range.

#### Animal Damage

Cooperative work continues with BSFW and CDFG. BSFW have dropped the use of 1080 in California for the FY 1972.

#### Wildlife Statistics

District work continues on refining these data. Completion of URA's has helped here.

#### Other Problems

Present and potential conflicts with off-road vehicle use continues. BLM needs enforcement authority, money and manpower to manage this use.

# Rare and endangered Species

A summary of these is as follows:

Rare	Acres	District
Tule elk Penninsula Bighorn Greater Sandhill Crane	62,400 130,000 200	Bakersfield and Ukiah Riverside Susanville (essentially on private land)
Limestone salamander Prairie Falcon	Unknown 456,000	Folsom Susanville (and possibly other districts)
California Black Rail	Unknown 648,600 or 65	Riverside 50,000 rounded

Endangered	Acres	District
San Joaquin kit fox Condor Blunt Nosed Leopard Lizard Southern Bald Eagle Peregrine Falcon Black or Inyo Toad Ovens River Pupfish Devil's Hole Pupfish Tecopa Pupfish -Mohave Chub - Colorado River Squawfish - Yuma Clapper Rail	142,000 325,000 50,000 	Bakersfield and Folsom Bakersfield and Folsom Folsom and Bakersfield but acreage unknown Possibly all districts Bakersfield Bakersfield Bakersfield Riverside Riverside Riverside 520,000 rounded
	510,500 01	

Contributed wildlife funds (deposited and undeposited) for Cooperative habitat development projects

DISTRICT	AMOUNT	TOTAL	SOURCE
Bakersfield	\$ 2,000 <u>300</u>	- \$ 2,300	CDFG Kern County
Susanville	\$ 1,233 <u>110</u>	\$ 1,343	CDFG development CDFG maintenance
Redding	\$ 11,000	\$ 11,000	Bureau Reclamation reimbursable
Folsom	\$ 2,500 <u>1,600</u>	\$ 4,100	CDFG Sportsmen's Club
Ukiah	\$ 1,100	\$ 1,100	CDFC - also \$5,822 from California Wildlife Conservation Board for access road.
Riverside	\$ 600 TOTAL	\$ <u>600</u> \$ 20,443	- CDFG

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Office

California 1/

# Fiscal Year 1971

#### WILDLIFE ANNUAL REPORT GENERAL STATISTICS

	GENE	RAL STAT	51105		
1. HABITAT COND	TION	ACRES (	1,000's)	6. WILDLIFE SURVEYS	NUMBER
. Terrestrial (1) Big game		1792	1993	a. Use, condition and trend (transects)	79
		4097	1699	b. Stream and lake	8
(2) Small game	4097	1699	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	-	
(3) Waterfowl		10	54	a. Terrestrial	5
o. Aquatic	NUMBER				
(1) Lakes	11	11	78	b. Aquatic	0
(2) Reservoirs	260	16	6	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	1. A. A. A.
(3) Stream (total mi	les)	234	191	a. Terrestrial	10
2. TERRESTRIAL	AND	ACRES	MILES	b. Aquatic .	
TO PUBLIC ACC	ESS	OF HABITAT	OF STREAMS	9. HABITAT EXPENDITURES	DOLLARS
a. Jusure of private 1	ands	838,000	- 186	a. Management	85,404
b. Lack of physical ac	cess	1,082,000	32	b. Development	22,112
TOTAL	(a + b)	1,920,000	218	c. Maintenance	.160
3. WATER	RFOWL USE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	107,676
a. Impoundments		238	3,000	10. RECREATION (State Offices complete)	VISITOR DAYS
b. Natural wetlands		840	,000	a. Hunting (1) Big game	213,000
4. RARE AND ENDANGERED NO. OF SPECIES 2/ SPECIES			ACRES OF HABITAT	(2) Small game	1,010,000
a. Rare		6	650,000	(3) Waterfowl	13,000
b. Endangered 12		12	520,000	TOTAL (Hunting)	1,236,000
s. WILDLIFE PERSONNEL a. Biologists (CSC wildlife series)			NUMBER	b. Fishing	715,000
			3	c. Nonconsumptive use	1,900,000
b. Coordinators (train	ed or u::'rai ct coordinal		3	11. COMMERCIAL FISHING (Ibs. harvested)	10,000

Re

This does not include California portion of the Carson City District. 1/

Details in narrative 2/

	NUMBER					
POPULATION	AMa	HARVEST	SPECIES	POPULATION	AMS	HARVES
2,800			SUBTOTAL (con't)	214,700	1,009,900	6,36
			Elk	400	1,100	
000	8 800	45	Moose			
500	0,000	43	Mountain Goat			
			Mountain Lion Wild	200	2,300	1
++			RESERVEBOAr	100	1,200	1
96,000	625,000	2,350	Bighorn Sheep	2,400	25,000	-
			Turkey	500	4,800	-
115,000	365,000	3,800	Wolf			
214,700	1.009.900	6,365	GRAND TOTA	L 218,300	1,044,300	6,38
ITEM		UNIT	UNITS		COST	
II.C.M		WORK	PLETED	BUREAU	CON	TRIBUTED
		Acres				
spraying, chain	ing	Acres				
		Acres				
l marsh		Acres				
vater developme	ents	Number				
		Number				
		Number				
bilization						
th somewal						
		1				
	5	Acres				
		Acres				
		Acres				
; areas, shelter:	s, etc.	Miles	I			
	900 900 96,000 115,000 214,700 214,700 214,700 ITEM and cover 4 burning spraying, chain ind planting I marsh water development spraying, chain ind planting I marsh water development spraying, chain ind planting I marsh water development spraying, chain ind planting I marsh water development spraying, chain ind planting I marsh water development sh removal sh removal sh removal sh removal sh removal sh removal sh removal sh removal sh removal	900 8,800 96,000 625,000 115,000 365,000 214,700 1,009,900 13. D (/ ITEM and cover ed burning spraying, chaining und planting in marsh water developments structures smoval areas bilization sh removal s and reservoirs plant control sh removal ing lakes	900 8,800 45 96,000 625,000 2,350 115,000 365,000 3,800 214,700 1,009,900 6,365 13. DIRECT HABI (Washington O ITEM Quite Structures spraying, chaining Acres spraying A	2,800     11,100     170     (con't)       2,800     11,100     170     (con't)       Elk     Moose       900     8,800     45       900     8,800     45       Mountain Lon     Wountain Lon       96,000     625,000     2,350       Bighorn Sheep     Turkey       115,000     365,000     3,800       214,700     1,009,900     6,365       GRAND TOTA     IBROTECT HABITAT IMPROVEM (Washington O/lice Completes, PLETED       and cover     Acres       id burning     Acres       ind planting     Acres       imarsh     Acres       marsh     Acres       moval     Number       indication     Rods       bilization     Rods       bilization     Miles       s and reservoirs     1       plant contol     Acres       moval     Miles       s and reservoirs     1       plates     Acres	2,800         11,100         170         (con't)         214,700           900         8,800         45         Mountain Lion         200           900         8,800         45         Mountain Goat         Mountain Coat           900         625,000         2,350         Bighorn Sheep         2,400           96,000         625,000         2,350         Bighorn Sheep         2,400           115,000         365,000         3,800         Wolf         100           1214,700         1,009,900         6,365         GRAND TOTAL         218,300           13. DIRECT HABITAT IMPROVEMENTS (Washington Office Completes)         BUREAU           and cover ed, burning, chaining         Acres         MOUNTS           UNTF (during, chaining         Acres         MUNEAU           marsh         Acres         MUNEAU	2,800         11,100         170         (con't)         214,700         ,009,900           900         8,800         45         Mountain Goat         Moose         Mountain Goat           900         8,800         45         Mountain Goat         Mountain Goat         Mountain Goat           900         625,000         2,350         Bighorn Sheep         2,400         25,000           96,000         625,000         2,350         Bighorn Sheep         2,400         25,000           115,000         365,000         3,800         Wolf

TOTAL

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# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

WILDLIFE ANNUAL REPORT

GENERAL STATISTICS

Office	04-010	

Bakersfield, California

Fiscal Year

1971

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	GENE	RAL STATI	STICS	17/1	
1. HABITAT COND	TION	ACRES (	1,000's)	6. WILDLIFE SURVEYS	NUMBER
Terrestrial		SATIS.	UNSATIS.	a. Use, condition and trend (transects)	18
		97,800	358,500	b. Stream and lake	0
		470,000	360,000	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	S Ph
		42	180	a. Terrestrial	0
		-	-	b. Aquatic	0
(2) Reservoirs	1	10		8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
(3) Stream (total mi	les)	66.2	2.2	a. Terrestrial	1
2. TERRESTRIAL	AND	ACRES	MILES	b. Aquatic	2
AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		OF HABITAT	OF STREAMS	9. HABITAT EXPENDITURES	DOLLARS
Ciosure of private lands 85,000		6.6	a. Management	2421	
Lack of physical ac	cess	225,000	2.0	b. Development	244
TOTAL	(a + b)	310,000	8.6	c. Maintenance	
3. WATER	RFOWLUSE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	2665
. Impoundments		15,750	)	10. RECREATION (State O//ices complete)	VISITOR DAYS
Natural wetlands		31,500	)	a. Hunting (1) Big game	
4. RARE AND ENDANGERED SPECIES         NO. OF SPECIES           a. Rare         2 / .           b. Endangered         9 -8* *		NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	
		42,400	(3) Waterfowl		
		183,300 151,300	. TOTAL (Hunting)		
5. WILDLIFE PERSONNEL			NUMBER	b. Fishing	
a. Biologists (CSC wi	ildlife serie	es)		c. Nonconsumptive use	
coordinators (trained or u::'rained district coordinators)			1	11. COMMERCIAL FISHING (lbs. harvested)	

Rei <sup>5</sup> \* The Southern Bald Eagle, American Peregrine Falcon, Tecopa Pupfish and the Bluntnosed Leopard Lizard are included in this number. These species are believed to be in the district, but habitat acreage is not known.

SPECIES	1	NUMBER				NUMBER	
	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	-	-	-	SUBTOTAL (con'l)	34,970	224,400	855
Bear .	-			Elk (Tule)	350	835	-
Brown		-		Moose	-	-	-
Black	70	300	5	Mountain Goat		-	-
Buffalo	-	-	-	Mountain Lion	5	30	-
Caribou	-	-	-	Peccary		-	
Deer Black Tail	4900	44100	450	Bighorn Sheep	600	42,000	-
White Tail	-	-	-	Turkey	175	2,100	· _
Mule	30,000	180,000	400	Wolf	-	-	-
SUBTOTAL	34 970	224,400	855	GRAND TOTAL	36,100	269,365	855
)	ITEM		UNIT OF WORK	COM- PLETED	BUREAU	CONT	RIBUTED
a. Wildlife food							
(1) Prescrib			Acres				
(2) Release (3) Seeding	spraying, chain	ning	Acres				
(4) Waterfow			Acres				
(5) Fencing			Miles				
(6) Wildlife	water developin	nents	Number			-	
	ams	nents				1.	•
<ul><li>(6) Wildlife</li><li>b. Fishing stre (1) Channel</li></ul>	ams structures	nents	Number Number Number			3	•
(6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin	ams structures removal g areas	ients	Number Number Number Rods				•
(6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin (4) Bank str	ams structures removal g areas abilization	ients	Number Number Number Rods Rods				•
(6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin (4) Bank str (5) Fencing	ams structures removal g areas abilization	ients	Number Number Rods Rods Miles				
(6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin (4) Bank str	ams structures removal g areas abilization	ients	Number Number Number Rods Rods				
(6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin (4) Bank str (5) Fencing (6) Rough f c. Fishing lake	ams structures emoval g areas abilization ish removal		Number Number Rods Rods Miles				
(6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin (4) Bank str (5) Fencing (6) Rough f c. Fishing lake	ams structures removal g areas abilization ish removal es and reservoi plant control		Number Number Rods Rods Miles Miles				•
(6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin (4) Bank str (5) Fencing (6) Rough f c. Fishing lake (1) Aquatic	ams structures g areas abilization ish removal es and reservoi plant control ish removal		Number Number Rods Rods Miles Miles Acres Acres Acres			· · · · · · · · · · · · · · · · · · ·	
(6) Wildlife b. Fishing stre (1) Channel (2) Barrier 1 (3) Spawnin (4) Bank str (5) Fencing (6) Rough f (5) Fishing lak (1) Aquatic (2) Rough f (3) New fis (4) Minimur	ams structures g areas abilization ish removal es and reservoi plant control ish removal hing lakes n pools of wate	15	Number Number Rods Rods Miles Acres Acres Acres Acre Ft.				
(6) Wildlife b. Fishing stre (1) Channel (2) Barrier 1 (3) Spawnin (4) Bank str (5) Fencing (6) Rough f (5) Fishing lak (1) Aquatic (2) Rough f (3) New fis (4) Minimur	ams structures g areas abilization ish removal es and reservoi plant control ish removal hing lakes n pools of wate g areas, shelte	15	Number Number Rods Rods Miles Miles Acres Acres Acres				

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# FY 1971 Wildlife Annual Report

#### Narrative

#### a. Habitat Management

During FY 1971 two Desert Pupfish sanctuaries were constructed. One was constructed in the Owens Valley north of Bishop, California for the protection of the endangered Owens Kluver Pupfish. The other sanctuary was constructed at Upper Varm Springs in Saline Valley northeast of Lone Pine, California for the protection of the endangered Devils Hole Pupfish.

The Inter-Agency Committee on Owens Valley Land and Wildlife, of which the Bakersfield BLM District is a member, is continuing work on several wildlife problems which occur in the Owens Valley. The two species on which most of the work is being done are the Tule Elk and the Owens River Puofish.

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No start

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# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

۱	Office

Supanville (Nevada)

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Fiscal Year

1971

WILDLIFE ANNUAL REPORT GENERAL STATISTICS

		ACRES (	1.000'-1		NUMBER
1. HABITAT CONDI	TION	SATIS.	UNSATIS.	6. WILDLIFE SURVEYS	NOMBER
. Terrestrial (1) Big game		1,434	529	a. Use, condition and trend (transects)	20
			53	b. Stream and lake	0
(2) Small game		1,910		7. HABITAT MANAGEMENT PLANS (Wildlife Species)	
(3) Waterfow1		<u>1</u> / 0	<u>2</u> / <sub>17</sub>	a. Terrestrial	0
b. Aquatic (1) Lakes	NUMBER 0	0	0	b. Aquatic	0
(2) Reservoirs	196	0	<u>1</u> / 0	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	1.1
(3) Stream (total mil	les)	0	0	a. Terrestrial	0
2. TERRESTRIAL	AND	ACRES	MILES	b. Aquatic	0
AQUATIC HABITAT B TO PUBLIC ACC BY	LOCKED	OF HABITAT	OF STREAMS	9. HABITAT EXPENDITURES	DOLLARS
a. Closure of private la	ands	10,000	0	a. Management (2:12)	2,000 400
b. Lack of physical ac		0	σ	b. Development	0 /
TOTAL	(a + b)	10,000	0	c. Maintenance	.0
3. WATER	FOWL USE	BIRI	D-DAYS	TOTAL (Habitat Expenditures)	2,000 400
a. Impoundments		80,000		10. RECREATION (State Offices complete)	VISITOR DAYS
b. Natural wetlands		200,000		a. Hunting (1) Big game	
4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	
a. Rare	3/	1	1,963	(3) Waterfow1	3
b. Endangered ,	4/	2	1,963	TOTAL (Hunting)	
5. WILDLIF	E PERSON	IL.	NUMBER	b. Fishing	
a. Biologists (CSC wi	ildlife seri	es)	0	c. Nonconsumptive use	
b. Coordinators (train	ed or u::*ra ct coordina	ined (tors)	1	11. COMMERCIAL FISHING (Ibs. barvested)	0
Remarks 1/ Less 2/ Shal 3/ Prad	s than 1 Llow Inte Lrie Fal	,000 acres ermittent con - Ares regrine Fa	Lakes n Wide alcon - An	rea Uide	

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	12. WILC		LA HONS AND	J HARVESI FF	TOM PUBLIC LA	NUMBER	
PECIES	POPULATION	NUMBER AM1	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	2,665	10,660	159	SUBTOTAL (con't)	56,666	-47;486	-3,277- -34/76
Bear				Elk			
Brown				Moose			
Black	1	6	. 0	Mountain Goa	t		
Buffalo				Mountain Lion	1 6	24	0 3
Caribou			· · · ·	Peccary			
Deer Black Tail				Bighorn Sheep	p		
White Tail				Turkey			
Mule	54,000 2/	47,486	3,277	Wolf		19194	3436
SUBTOTAL	56,666	58,160	3,436	GRAND TOT	AL 56,672	47,486	-3,277
		13. 0	Washington O	TAT IMPROVE	MENTS s)		
-			UNIT	UNITS		COST	
	ITEM		OF. WORK	COM- PLETED	BUREAU	CON	TRIBUTED
a. Wildlife food							
(1) Prescrib	ed burning		Acres				
	spraying, chair	ing	Acres				
(3) Seeding			Acres				
(4) Waterfow	l marsh		Acres				
(5) Fencing (6) Wildlife	water developm	ente	Number				
b. Fishing strea (1) Channel	ams		Number				-
(2) Barrier r	emoval		Number				
(3) Spawning			Rods				
(4) Bank sta			Rods				
(5) Fencing			Miles				
(6) Rough fi	ish removal		Miles				
c. Fishing lake (1) Aquatic	es and reservoir plant control	s	Acres				
(2) Rough fi	ish removal		Acres				
(3) New fish			Acres		ļ		
(4) Minimum	pools of water		Acre Ft.				
	g areas, shelte	rs, etc.	Number				
(b) Fencing			Miles				
1/ From	CUF&G			TOTAL			
							GPO ASS

x

2/ Changes in population & All figures as compared to 1970 represent refine- cpo set 4

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#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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Susanville, (Calif.)

Fiscal Year 1971

WILDLIFE ANNUAL REPORT GENERAL STATISTICS

ourre				
DITION	ACRES (	1,000's) UNSATIS.	6. WILDLIFE SURVEYS	NUMBER
	1 103	165	a. Use, condition and trend (transects)	14
	1,105	105	b. Stream and lake	0
	1,232	36	7. HABITAT MANAGEMENT PLANS	
	10	<u>1</u> / 54		
NUMBER			a. Terrestrial	80
4	9	0	b. Aquatic	0 ·
240	1	6	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
niles)	16	15	a. Terrestrial	.0
LAND	ACRES	MILES	b. Aquatic	0
CESS	OF HABITAT	STREAMS	9. HABITAT EXPENDITURES	DOLLARS
lands			a. Management (3-191)	4,000 76
access	640		b. Development	1,233 14
L (a + b)	640		c. Maintenance	<del>119-</del>
ERFOWL USE	BIRD	DAYS	TOTAL (Habitat Expenditures)	5,343-92
	100,000		10. RECREATION (State O//ices complete)	VISITOR DAYS
	800,000		a. Hunting	
DANGERED	NO. OF	ACRES OF		
		(1000'=)		
	2	456		
	2	1,268	TOTAL (Hunting)	
FE PERSONN	EL	NUMBER	b. Fishing	
wildlife serie	es)	0	c. Nonconsumptive use	-
ned or ustra	ined tors)	1	11. COMMERCIAL FISHING (lbs. barvested)	
	DITION  NUMBER  4 240 niles) LAND BLOCKED CCESS Lands access L (a + b) CRFOWL USE FE PERSONN wildlife series and or usiral	ACRES ( SATIS           1,103           1,232           10           1,232           10           240           1           240           1           6           240           16           LLAND           BLOCKED           ACRES           640           L (a + b)           640           ERFOWL USE           BIRD           100,000           300,000           SANGERED           NO. OF           SPECIES           2	ACRES (1,000's)           SATIS         UNATIS.           1,103         165           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,232         36           1,24         9           0         240           1         6           15         STREAMS           LAND         ACRES           BLOCKED         ACRES           OF         FEREME           Iands            access         640            1000,000           S00,000         S00,000           DANGERED         NO. OF SPECIES           ACRES OF SPECIES         ACRES OF (10001-2)           2         456	DITION     SATE     UNBATIS.     S. HELCH SOULDS       1,103     165     a. Use, condition and trend (transects)       1,232     36       1,232     36       10 $1/54$ A     9       240     1       6     8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)       a. Terrestrial       a. Terrestrial       b. Aquatic       BLOCKED       ACRES BLOCKED       ACRES OF       ACRES BLOCKED       ACRES OF       ACRES BLOCKED       ACRES OF       BLOCKED       ACRES OF       BLOCKED       ACRES OF       BLOCKED       BLOCKED       BLOCKED       BLOCKED       BLOCKED       BLOCKED       BLOCKED       BLOCKED        BLOCKE

Remarks

1/ Intermittent Dry Lakes 2/ Prairie Falcon (456,000 Ac.) Sandhill Grame (200 Ac.)

3/ American Peregrine Falcon and Southern Bald Eagle

	1	NUMBER		SPECIES		NUMBER	
PECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
ntelope	<u>1</u> / 2,200	<u>-1/</u> 23,760	<u>1</u> / 120	SUBTOTAL (con't)	4,700	47,760	592
ear Brown				Elk			
				Moose			
Black	· · ·			Mountain Goa	t		
buffalo			<u> </u>	Mountain Lior	$\frac{1}{5}$	50	<u>1</u> / 0
laribou				Peccary			
Black Tail				Bighorn Sheep	$\frac{4}{14}$	168	0
White Tail				Turkey			
Mule	2,500	24,700	472	Wolf		47978	
SUBTOTAL	4,700	47,760	592	GRAND TOT	AL 4,719	47,928	592
	1	13. [	URECT HABI	fice Completes	MENTS s)		
1 -	ITEM	• .	UNIT OF WORK	UNITS COM- PLETED	BUREAU	COST	TRIBUTED
a. Wildlife food (1) Prescribe			Acres		-		
	spraying, chai	ning	Acres				
(3) Seeding :			Acres				
(4) Waterfow	1 marsh		Acres Miles				
(5) Fencing	water developm	nante	Number				
<ul> <li>(6) wildlife</li> <li>b. Fishing stream</li> <li>(1) Channel</li> </ul>	ams	lients	Number				
(2) Barrier r	emoval		Number				
(3) Spawnin			Rods				
(4) Bank sta	bilization		Rods				
(5) Fencing			Miles				
(6) Rough fi			miles				
<ul> <li>c. Fishing lake</li> <li>(1) Aquatic</li> </ul>	s and reservoi plant control	rs	Acres				
(2) Rough fi	ish removal		Acres				
(2) 11 (1)	ning lakes		Acres				
(3) New fish	pools of wate	r	Acre Ft.				
(4) Minimum					1		
(4) Minimum	g areas, shelte	ers, etc.	Number Miles				

· 4/ From Sheldon Game Report (BSF&!!)

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## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Susanville (Calif. & Nevada) Fiscal Year 1971

# WILDLIFE ANNUAL REPORT GENERAL STATISTICS

		ACRES (	1.000'e)		NUMBER
1. HABITAT CONDI	TION	SATIS.	UNSATIS.	6. WILDLIFE SURVEYS	NUMBER
. Terrestrial (1) Big game		2,537	694	a. Use, condition and trend (transects)	34
(1) Dig game		2,557		b. Stream and lake	0
(2) Small game		3,142	89	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	
(3) Waterfowl		10	1/ 71	a. Terrestrial	0
Aquatic (1) Lakes	NUMBER 4	9	· · · 0	b. Aquatic	0
(2) Reservoirs	436	1	6	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
(3) Stream (total mi	les)	16	15	a. Terrestrial	3 4/
2. TERRESTRIAL	AND	ACRES	MILES	b. Aquatic	0
TO PUBLIC ACC	ESS	HABITAT	STREAMS	9. HABITAT EXPENDITURES	DOLLARS
a. Closure of private l	ands	10,000	0	a. Management <u>5.194</u>	\$6,000 1164
b. Lack of physical ac	cess	640	0	b. Development	1,233 145
TOTAL	(a + b)	10,640	0	c. Maintenance	5,343 13.
3. WATER	FOWLUSE	BIRI	DAYS	TOTAL (Habitat Expenditures)	13220
a. Impoundments		180,000		10. RECREATION (State Offices complete)	VISITOR DAYS
b. Natural wetlands		1,000,0	00	a. Hunting (1) Big game	
4. RARE AND ENDA	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	
a. Rare 2/		2	2,419	(3) Waterfowl	
b. Endangered	1	3	3,231	TOTAL (Hunting)	
5. WILDLIF	E PERSON	EL	NUMBER	b. Fishing	
a. Biologists (CSC w	ildlife seri	es)	0	c. Nonconsumptive use	
b. Coordinators (train distri	ct coordina	tors)	1	11. COMMERCIAL FISHING (lbs. barvested)	
ACCULATING		t Shallow con and Gr regrine Fa	actor San	dhill Crane thern Bald Eagle, subspecie of La	hontan

Cutthroat Trout 4/ To be reported on JDRs.

· · ·	···				•	۰.	
1	. 12. WILL	LIFE POPU	LATIONS AN	D HARVEST FROM	PUBLIC LA	NDS	
	1	NUMBER	-			NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	4,865	34,428	279	SUBTOTAL (con't)	61,366	105,920	4,028
Bear Brown				Elk			
Black	. 1	6	0	Moose			
Buffalo				Mountain Goat		74	
Caribou				Mountain Lion	11	1:0	. 0
Deer				Peccary			
Black Tail				Bighorn Sheep	14	168	0
White Tail				Turkey			
Mule	56,500	71,486	3,749	Wolf		10611.2	
SUBTOTAL	61,366	105,920	4,028	GRAND TOTAL	1	106,933	4,028
		13. D	RECT HABI	TAT IMPROVEME (fice Completes)	NTS		4
						COST	
	ITEM	-10	UNIT OF WORK	UNITS COM- PLETED	BUREAU	CONT	RIBUTED
a. Wildlife food (1) Prescribe			Acres		•		
	spraying, chair	ing	Acres				
(3) Seeding :			Acres				
(4) Waterfow	1 marsh		Acres		<u>~</u>		
(5) Fencing	water developm	anto	Miles Number	<u> </u>			
<ul> <li>(6) Wildlife</li> <li>b. Fishing streat</li> <li>(1) Channel</li> </ul>	ams		Number	-			
(2) Barrier r	emoval		Number				•
(3) Spawning	g areas		Rods				
(4) Bank sta			Rods				
(5) Fencing			Miles				
(6) Rough fi			Miles				
<ul> <li>c. Fishing lake</li> <li>(1) Aquatic</li> </ul>	s and reservoir plant control	s	Acres				
(2) Rough fi	sh removal		Acres				
(3) New fish			Acres				
	pools of water		Acre Ft.	-			
	g areas, shelte	rs, etc.	Number				
(6) Fencing			Miles				·

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# SUSANVILLE DISTRICT

# WILDLIFE ANNUAL REPORT

#### Fiscal Year 1971

# Narrative

# General

Above normal precipitation and good forage conditions favored wildlife in general. However, the persistent early snows of November and December was adverse to upland game birds. It is believed that a considerable number were lost during this period as the crusted snow was accompanied with relatively cold weather. Grass and grit were difficult to obtain. The snows were not deep enough to cover browse species used by big game, therefore, they fared quite well. Early January thaws relieved a situation which could have become critical if the snows and cold weather had continued. Reports from the field indicate that chukar, sage ground and qual populations are down this year.

#### Livestoc!: Use

According to the District Grazing Statistical Report for the 1970 grazing season, livestock use arounted to 221,736 AU's as compared to 221,579 AU's in 1969, shoring only a slight difference. A considerable amount of regular non-use was taken in the Cal-Neva Unit. This has been reflected by a significant inprovement in range conditions in the area.

# Coordination

The District Wildlife Program was closely coordinated with that of all agencies or organizations participating in or having an active interest in the management of wildlife or habitat on Public Lands. Annual coordination meeting were held with the Pepartments of Fish and Game and the Bureaus of Sports Fisheries and Wildlife of both California and Nevada. All interested parties were invited to attend the annual wildlife coordination meeting, including the Susanville District Advisory Board Wildlife Representative. The District was represented at two hearings held in Alturas May 18 by the California Department of Fish and Game on the proposed antleress hunt of the Warner Mountain Area. The Susanville District supported the recommendations of the California Department of Fish and Game. corplated several projects in this area. Three additional reservoir: were dug within the existing exclosures in Snowstort Canyon. Additional plants of Russian Olive and Colden Willow have also been planted along the stream. A one acre plot was scarified on the adjacent tableland to investigate the possibility of promoting rullein and sunflowers which furnish a prime source of seed for dows and sage grouse. A dense stand of sunflowers now occupies the site.

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# District Soil and Matershed Program

Several springs were developed and 5 reservoirs were constructed in the district. Wherever possible, the projects were designed to benefit wildlife habitat.

# Significant Changes in the Fiscal Year 1971 Statistical Peport

Under Item 12 (Calif.), the number of deer using Public Lands during part or all of the year was changed from 75,000 to 54,000. A corresponding decrease in Alis was also nade. This change in numbers was the result of the Oregon-California Interstate Deer Herd Technical Committee determination that only about 50% of the Oregon herd nigrate to California in the winter instead of the former estimated 90%. Another factor taken into consideration was the apparent decline in the population of the interstate deer herd.

# Rare and Endangered Species

At least 4 Bald Eagle nests have been reported in the California portion of the district. Recently it was noted that one of the nests in the Willow Creek area on an old plue tree had been completely destroyed. The cause has not been determined but it is doubtful if it was the result of vandalism. During the past year interest has focused on the Yodoc sucker as possibly being a rare species of wildlife. The district does not have a record as such but the fish is now fully protected by the California Department of Fish and Game. The Creater Sandhill Crame was sighted in several places in Big Valley, all on decded meadows. Old sightings included Willow Creek Valley, Lassen County and the Pit River Valley at Alturas.

# Big Norn Plant on the Sheldon Game Range

The Bureau of Sport Fisheries and Wildlife did not have a recent census on the animals in the Hells Canyon Field. Their latest count showed 14 animals last summer.

Susanuille

# Unit Resource Analyses and Management Framework Plans

Progress on the Unit Fesource Analysis in the wildlife activity included completion of Step 4, Uillow Creek Unit; Steps 2 and 3 of the Tuledad and Hone Camp Units. In the Management Framework Plan, Steps 1 and 2 of the Willow Creek and Tuledad Units were completed. The management recommendations pertaining to wildlife were presented to all district personnel involved and were believed to be comprehensive as well as conclusive. In the Unit Resource Analyses and Management Framework Plans, rare or endangered species of wildlife and their habitat are identified and recommendations are included for the protection and possible enhancement of the habitat.

# Animal Damage to Lands and Resources

Rabbit populations were on the increase throughout the district. However, probably due to an abundance of native range forage, no significant damage to wheat grass seedings was reported. Porcupines are also apparently on the increase. This was reflected in extensive damage to pine saplings.

#### Predator Control Program

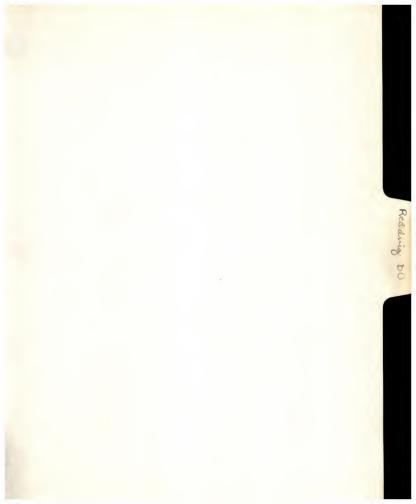
The predator control program continued about the same as the previous year. The main means of control was through the use of 1080 bait stations. The placement of lethal stations was avoided in areas of heavy hunter concentrations. No damage to dogs was reported. The animal control plan for fiscal year 1972 will show some significant changes which will include the suspension of the use of 1080 and other restrictions on the area and period that other control methods may be used.

#### Wildlife Habitat Management

1. Cold Springs Bitterbrush Planting

Due to poor winter conditions for setting out transplants in this area the planting time was changed from November to spring. On April 2nd, the California hepartment of Fish and Game set out about 1200 two year old bitterbrush plants in the Cold Spring Allotment. Observations indicate an excellent survival of the transplants. The favorable moisture conditions following planting resulted in leader growth up to 8 inches in length. An evaluation of the project by the California Department of Fish and Game and Bureau of Land Management personnel is scheduled in August 1971.

 Biscar National Cooperative Land and Wildlife 'anneament Area The Galifornia Department of Finh and Game with the use of Galifornia Conservation Carp equiprent and innate labor



U.	ily 1	5500-1 1970) D wrig 9260-1) h	EPARTNE	ITED STATE NT OF THE 7 LAND MAN	INTERIOR		Office Redding	,Calif.
			WILDLIF	E ANNUAL P	REPORT		Fiscui Year 1971	-
-		1. HABITAT CONDI	Contraction of the local division of the loc	ACRES (		6. WILDLIF	E SURVEYS	NUMBER
<u>.</u>	Т	errestrial				a. Use, condition an	d trend (transects)	36
_		) Big game		42	312	b. Stream wXXXX		1
_	(2	2) Small game		88	266	7. HADITAT MAN	AGEMENT PLANS . - Species)	
	(3	3) Waterfowl	,	0.03	0.1	a. Terrestrial		/
5		quatic 1) Lakes	NUMBER		.057	5. Aquatic		
-	-	2) Reservoirs	5		.058	d. KABITAT DEVEL	OPMENT PROJECTS	3, 7 4
•		3) Stream (total mi		9	134	a. Terrestrial		
-	-	2 TERRESTRIAL	AND	ACRES	MILES	b. Aquatic		
	*	QUATIC HADITAT D TO PUBLIC ACC BY		HABITAT	STREAMS	9. HABITAT	EXPENDITURES	DOLLARS
-		Closure of private 1	ands	200,000	115	a Management		137.45
	_	Lack of physical ac				b. Development		11324
-	_	TOTAL		40,000	1	c. Maintenance	1	2
•		3. WATER	FOWL USE		DAYS	TOTAL (Habits	at Expenditures)	25,071
	a.	Impoundments		3.	000	10. REI (State O))	CREATION ces complete)	VISITOR
	ъ.	Natural wetlands			000	a. Hunting		
	_	4. RARE AND END	NGERED	NO. OF	ACRES OF	(1) Big game		
•	_	SPECIES		·SPECIES	AAGITAT	(2) Small game (3) Waterfowl		
	-	Rare			1		TOTAL (Hunting)	
	b.	Endangered S. WILDLIF		1	NUMBER	b. Fishing		
	_					c. Nonconsumptive	e use	
		Biologists (CSC w Coordinators (Indin	ed or untra	ined	1	1	FISHING (lbs. barrested)	
	_	distri	ct coordina	tors)				

(Inollactions maine back covers

	12. WIL	DLIFE POPU	LATIONS AN	ID HARVEST FR	IOM PUBLIC LA		
SPECIES		NUMBER		SPECES		NUMBER	HARVEST
	POPULATION	A4++	RAEVEST		POPULATION	AN:4	
Antelope	110	450	9	SUBTOTAL (con'l)	84,600	287,500	460
Bear Brown							
Black	500	6,000	30	Moose Mountain Goal			
Buffalo				Mountain Goat			
Caribou				Hountain Lion	180	2,160	10
				Peccary			
Deer Black Tail	55,000	165,000	350	Bighorn Sheep			
White Tail				Turkey	. 150	1,800	
Mule	29,000	116,000	60	Wolf		511-0121	-259
SUBTOTAL	84,610	287,450	460 1	GRAND TOTA	104,200	291,460	470-
		· 13. D	RECT HABI	TAT IMPROVEN	ENTS		
			UNIT	UNITS	, 	CCS7	
	ITEM		WORK	COX- PLETED	BUREAU	CONT	RIBUTED
<ul> <li>a. Wildlife food</li> <li>(1) Prescribe</li> </ul>			Acres				
	sprnying, chair	ing	Acres				
(3) Seeding :			Acres				
(4) Waterfow	l marsh		Acres				
(5) Fencing	water developm	in ante	Number				
b. Fishing stres (1) Channel	ms		Number	-			
(2) Barrier n	enoval		Number				
(3) Spawning			Rods				
(4) Bank sta	Lization		Rods				
(5) Fenciag			Miles				
(6) Rough fi	sh removal		Miles				
<ul> <li>Fishing lake</li> <li>(1) Aquatic</li> </ul>		rs	Acres				
(2) Rough fi			Acres		· ·		
(3) New fish			Acres				
	pools of water		Acre Ft. Number				
(6) Fencing	areas, shelte	15, C.C.	Miles				
(b) Pending		1					
				TOTAL			

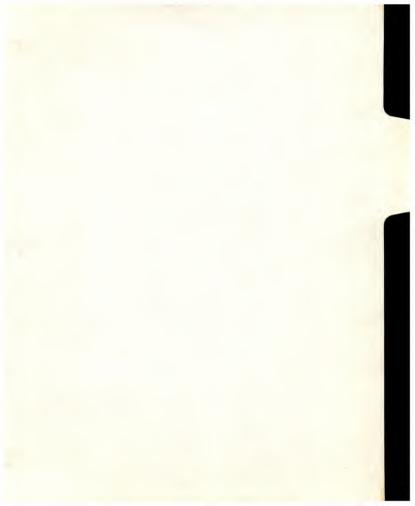
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# WILDLIFE ANNUAL REPORT FY 1971

#### NARRATIVE

- No 1285 project funds have been available in FY-1971. Priority projects have not been scheduled for funding, specifically, Dry Creek steelhead fisheries enhancement work and others of that nature.
- 2. Data resultant of field studies are available, which indicate that anadromous fisheries, primarily steelhead, have declined sharply on the Trinity River resultant of dewatering the river through dam construction. Quality coldwater fishing has declined accordingly on the Upper Trinity. The Redding District biologist is a member of the Fisheries, Sediment, and Wildlife Committees, which are analyzing the numerous problems of the Trinity Basin.

The assessment of the "Riffle Sifter" on one portion of the Trinity was initiated August 2, 1971. Limited segments of Federal-BLM lands may be used to evaluate this equipment and spawning riffle rehabilitation technique.



for \$500-1 Jul 70) (fc 1y 6960-1)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office
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Folsom Fiscal Year 1971

# WILDLIFE ANNUAL REPORT GENERAL STATISTICS

1. HABITAT CONDITION			ACRES (1,000's)		6. WILDLIFE SURVEYS	NUMBER		
	1. HABITAT CONDITION SATIS.			UNSATIS.				
	Terrestrial (1) Big game (2) Small game (3) Waterfowl		239	208 237 0	a. Use, condition and trend (transects)	<u> </u>		
_					b. Stream and lake			
_			147		7. HABITAT MANAGEMENT PLANS (Wildlife Species)			
			0		a. Terrestrial	,		
h.	Aquatic (1) Lakes 1			 0				
			2		b. Aquatic	0		
-	(2) Reservoirs -	10	15	0	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)			
	(3) Stream (total miles)		108	0	a. Terrestrial	1		
	2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED - TO PUBLIC ACCESS BY		ACRES OF HABITAT	MILES OF STREAMS	b. Aquatic	0		
					9. HABITAT EXPENDITURES	DOLLARS		
	Closure of private la	ands	200 000	54	a. Management	-7,930-90		
<b>.</b>	Lack of physical access		70000	5	b. Development	414		
	TOTAL (a + b)		270 000	59	c. Maintenance			
3. WATERFOWL USE BIRD			BIRD	-DAYS	TOTAL (Habitat Expenditures)	7,930-132		
a .	. Impoundments *1			0	10. RECREATION (State O//ices complete)	VISITOR DAYS		
b. Natural wetlands			0		a. Hunting	-		
4. RARE AND ENDANGERED NO. OF SPECIES SPECIES				ACRES OF HABITAT	(1) Big game (2) Small game			
			2	4000	(3) Waterfowl			
-				840,000	TOTAL (Hunting)			
				NUMBER	b. Fishing			
a. Biologists (CSC wildlife series)					c. Nonconsumptive use			
b. Coordinators (trained or u: trained district coordinators)					11. COMMERCIAL FISHING (1bs. barvested)			

Re s \*Estimated day - used resting & feeding on large reservoirs with adjacent public domain.

-6								
•	12. WIL	DLIFE POPUL	ATIONS AND	HARVEST FR	OM PUBLIC LA	NDS		
		NUMBER		SPECIES		NUMBER		
CIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST	
ntelope				SUBTOTAL (con't)	10,8‡0	108100	390	
ear				Elk				
Brown				Moose				
Black	10	100	-	Mountain Goat	t			
Buffalo				Mountain Lion	1 5	60	0	
Caribou				Peccary Boar	1 100	1200	10	
Black Tail	10,300	105,000	360	Bighorn Sheep	1			
White Tail				Turkey			\$	
Mule	. 500	3000	30	Wolf		109360		
SUBTOTAL 10,840 108100			390	GRAND TOT		-14,223-	400	
		13. D	RECT HABI	TAT IMPROVE	MENTS			
						COST		
)	ITEM		UNIT OF WORK	UNITS COM- PLETED	BUREAU	CONTRIBUTED		
a. Wildlife food (1) Prescrib	and cover ed burning		Acres	·				
(2) Release	spraying, cha	ining	Acres					
(3) Seeding	and planting		- Acres					
(4) Waterfow			Acres					
(5) Fencing			Number					
(6) Wildlife	water develop	ments	Number					
b. Fishing stre (1) Channel			Number				8	
(2) Barrier	removal		Number					
(3) Spawnin			Rods					
(4) Bank st			Rods					
(5) Fencing			Miles					
	ish removal		Miles					
c. Fishing lak		irs	Acres				×	
			Acres		1			
	fish removal		Acres					
(3) New fis	sning lakes	0.1	Acre Ft.					
(4) Minimu	m pools of wat ng areas, shel	tors etc.	Number					
			Miles					
Fencin	6			Tomas				
				TOTAL			100 C 100 C 100	

#### MARRATIVE

#### Habitat Hanagement:

No habitat Improvement funds were programed this par Fresmo County Sportsmens Club spent 51600 pilling brash in mesting and escape cover. Fight small reservoirs were a the denudid areas seeded with annual grasses. Thirty a qual' habitat were improved in the Squaw Leap Management project.

The Talifornia Department of Fish and Eame construct on public land on the Panoche Cooperative Land and Wild! Withdrawal Area at a cost of \$2500. The purpose of this catch and hold silt and winter runoff water to supply mo a heavy cover of strucks. These heavy cover patches are protection areas for upland game and other wildlife. Enis a side benefit.

#### B. Animal Damage:

to modent control work was done in the Folson Distr at

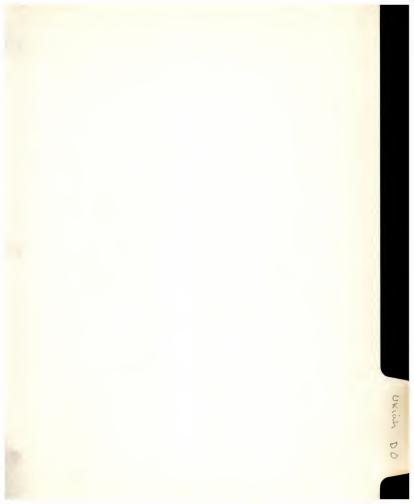
#### d Wildlife Statistics:

Deer kill was down throughout the district. Area i we low while Areas H and ill were down mearly 30%. Populate actributed to BLM lands were taken from URA data. Californiand and Sincktail deer and various crosses are all listed un due to lack of maliable information on harvest by specie. listed are those occuring east of the crest of the Sierra f County.

Russian wild boar exists in Area 111. Figures used Grea conservative estimate for public land.

#### Diher Problemst

The Panoche area is still closed to all vehicle us has all but eliminated hunting on this area which suppoupland game population. This area will remain a osed uauthority, money, and manpower become available to contvehicle use.



For 00-1 Jul 70) (formerly 6960-1)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Of	fice	

Ukiah

Fiscal Year

WILDLIFE ANNUAL REPORT GENERAL STATISTICS

1071

ACRES (1,000's) 6. WILDLIFE SURVEYS NUMBER 1. HABITAT CONDITION SAT IS. UNSATIS a. Use, condition and trend (transects) ----. Terrestrial (1) Big game 160 300 b. Stream and lake 7 (2) Small game 300 160 7. HABITAT MANAGEMENT PLANS (Wildlife Species) (3) Waterfowl -a. Terrestrial XC NUMBER b. Aquatic b. Aquatic (1) Lakes ---8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted) (2) Reservoirs -. .... a. Terrestrial . 6 (3) Stream (total miles) 40 35 -2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED b. Aquatic -ACRES MILES OF OF STREAMS TO PUBLIC ACCESS HABITAT DOLLARS 9. HABITAT EXPENDITURES BY 243 a. Management \$11.000 a. Closure of private lands 10 200 00 28 b. Development 523 b. Lack of physical access 4 25 100 000 c. Maintenance -0-TOTAL (a + b) · · . 35 300 \*\*\* TOTAL (Habitat Expenditures) 372 3. WATERFOWL USE BIRD-DAYS 10. RECREATION VISITOR (State Offices complete) a. Impoundments DAYS -b. Natural wetlands a. Hunting (1) Big game ACRES OF 4. RARE AND ENDANGERED NO. OF SPECIES HABITAT (2) Small game SPECIES (3) Waterfowl 20,000 0.5 1 a. Rare Tule Elk TOTAL (Hunting) b. Endangered NUMBER b. Fishing 5. WILDLIFE PERSONNEL c. Nonconsumptive use 1 a. Biologists (CSC wildlife series) b. Coordinators (trained or untrained 11. COMMERCIAL FISHING (lbs. barvested) district coordinators)

Remarks

		NUMBER		1		NUMBER	
PECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	-	-	-	SUBTOTA (con't)	L 26,300	314,400	1210
Bear Brown	_	-		Elk	50	300	0
Black				Moose	-	-	-
Buffalo	300	2,400	10	Mountain Goa	at –	-	-
Caribou		-		Mountain Lic	n <u>Present</u> unknown	ut numbers	are
Deer	-	-	-	Peccary	-	-	-
Black Tail	26,000	312,000	. 1,200	Bighorn Shee	ep _	-	-
White Tail	-	-	- <u>-</u>	Turkey	150 -900*	400-	` <b>-</b>
Mule	-	-	-	Wolf	-	-	-
SUBTOTAL	26,300	314,400	1210	GRAND TOT	21,250	315 600	1210
				TAT IMPROVE //ice Complete.			A granner
		· · · ·	UNIT	UNITS	.,	COST	
	ITEM	<b>2</b> 10	OF	COM- PLETED	BUREAU	CONT	RIBUTED
a. Wildlife food (1) Prescribe			Acres				- ,
	praying, chain	ing	Acres .				
<ul><li>(3) Seeding a</li><li>(4) Waterfowl</li></ul>			Acres	160	121-0\$1,199.00	\$3,5	00.00. 1.7
	nunting acco	ase roads	Acres Miles	4	121-0-2,602.00	5.8	22.00 1.1/
(6) Wildlife w	ater developme	ents	Number	2	1745- 100.00		00.00 (1
b. Fishing stream (1) Channel s		-	- Number				-
(2) Barrier re		-	Number				
(3) Spawning			Rods				
<ul><li>(4) Bank stab</li><li>(5) Fencing</li></ul>	lization		Rods Miles				
(6) Rough fis	h removal		Miles				
C. Fishing lakes (1) Aquatic p	and reservoirs		Acres				
(2) Rough fis	h removal		Acres				
(3) New fishi			Acres				
	ools of water		Acre Ft.				
( pawning ( 'encing	areas, shelters	, etc.	Number				
encing			Miles				
				TOTAL	\$3,901.00		22.00

\* Total turkey population estimate within the district. All or part of

GPO 859 - 492

#### NARRATIVE WILDLIFE ANNUAL REPORT FY 1971

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#### A. Habitat Management

The Ukiah District, in cooperation with the California Department of Fish and Game, completed the following wildlife habitat improvement accomplishments in FY 1971:

- 150 acres of discing and reseeding for deer.
- 10 acres of vegetative food and cover planting around two reservoits for upland game, small game and waterfowl.
- Improvement of two springs to provide dependable water.
- Completion of four miles of hunter access roads.

B. Animal Damage

Extensive porcupine damage was found on conifer plantations in the North Coast Resource Area last fall. As a result, strychnine salt blockaluminum canopy stations were placed in the field, covering an effective area of 80 acres. These stations were installed with the assistance of Bureau of Sports Fisheries and Wildlife personnel.

C. Wildlife Statistics

A spring survey of wild turkey populations by the C.D.F.& G. of birds released prior to and including 1970 is reflected in the population estimate on the data form. It is not known how many of these birds are making use of BIM habitat. There are no other significant changes in wildlife statistical information.

#### D. Other Problems

There are no specific wildlife program problems to be mentioned in this marrative.

### CALIENTE NCL & WMA

# I. Summary of the Use of the Area

### A. Public Use

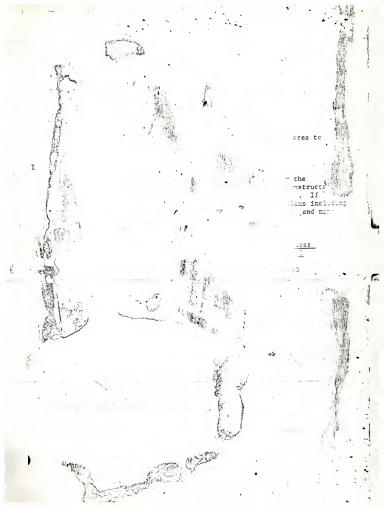
The lack of legal public access limited the use of the area to adjoining landowners and their friends.

# II. Summary of Management Work Accomplished

A. All engineering and design work has been completed for the Caliente access road. However, the road will not be constructed until the BLM can control and manage the use of the area. If the area is opened now it would create management problems including uncontrolled off-road vehicle use, vandalism, littering, and many other problems associated with public use areas.

#### B. Projects

				Repo	ort Expe	nditures	<u> </u>
Name		· No.	Units	BLM	Other	Total	
Cuyama	Exclosure	C1-R-4020	1	<sup>•</sup> 50	1200	1250	



## TEMBLOR NCL & WMA

## I. Summary of Use of the Area

## A. Public Use

There has been a continued increase in the use of this area by motorcyclists and other off-road vehicle operators. There has been no determination of man-days of use by operators of offroad vehicles. In spite of the increase in off-road vehicle use, hunting continues to be the prime recreational use of the area.

#### B. Livestock Use

Precipitation was very low during Fiscal Year 1970. Forage production was correspondingly well below the long term average. This was reflected in reduced livestock production and wildlife habitat conditions.

# II. Summary of Management Work Accomplished

On June 8, 1971, the Section 15 Grazing Advisory Board met and the decision was made to phase out the present research project. The project will be phased out and the funds and project will be terminated during Fiscal Year 1972. During the period in which the present project is being phased out, Kern County will decided what other projects, if any, may suitable for the area.

## III. Management Problems

If the use of off-road vehicles continues to increase in all probability it will present a considerable impact on the vegetative cover and wildlife resources of the area.

#### Road Maintenance

Approximately 20 miles of the Lamont Meadows and Canebrake road was maintained during the spring of 1971.

#### Forest Products

Removal of 1494 Finon Pine Christmas trees in the Chimmey Peak area was made under Free Use Permits which provided family recreation for an estimated 3500 people on the 12th and 13th of December 1970, Another 260 trees were sold to two Boy Scout Explorer Posts from Ridgecrest and a church in Inyokern for resale.

Free Use permits were issued for 308 cords of Pinon Pine firewood within the Chimmey Peak area.

#### Fires

Eleven small fires occurred in the Chimmey Peak area during Fiscal Year 1971. All seven fires were less than one acre in size and were manned by the fire crew from the BLM field station at Chimmey Peak.

#### -I. Management Problems

The tremendous increase in the use of off-road vehicles on the public lands presents the most challenging management problem in the NOL & WMA. Destruction of the land resource, interference with the life cycles of wildlife species, distrubance of livestock, increased vandalism, trespass and litter, and disruption of the environment are all problems which have been created by off-road vehicles. Regulations and restrictions are sorely needed to get on top of this situation.

# Summary of Management Work Accomplished

## A. Forage Inventory

Field work for a forage inventory of all the NCL and WMA lands south of Highway 178 was completed during March - May of 1970. The survey has now been compiled and analyzed. The survey determined the proper livestock and deer carrying capacity for nearly ½ million acres. Wildlife requirements for all species present in the area were considered in establishing procedures for the survey. The area covered was bound on the east by Highway 14, on the south by Jawbone Canyon, on the west by the Flute Mountain portion of the Sequoia National Forest, and on the north by Highway 178. Several smaller portions of Federal lands were also surveyed around Lake Isabella. The survey will be used in developing allotment management plans for livestock grazing, wildlife habitat management plans, and for adding more detail and current information to our maps.

# B. City of Los Angeles - Second Aqueduct Rehabilitation

Rehabilitation work on the second City of Los Angeles aqueduct progressed rapidly during Fiscal Year 1971. Approximately 50% of the ripping work was completed. During the Fiscal Year 1972 the remainder of the ripping should be completed. Plans have also been made to establish four 25 acre test plots to determine which plant species are best suited for rehabilitation of the aqueduct. Several species of plants will be planted (drilled) and transplanted into the test plots. The City of Los Angeles has issued a \$7,000.00 contract for the collection of seed to be used in the plots.

C. Projects

1			Repor	t Expen	ditures
Name	No.	Units	BLM	Other	Total
Marques Spring	C1-R-4015	1	1400		1400
				•	
Cholla Canyon Wildlife Exclosure Maint.	C1-R-4025	1	300		100
Powers Well Wildlife Exclosure Maint.	C1-R-4024	1 ·	100		100
Unauthorized Occupancy removal		10	2000		2000
Well Maintenance		7	2700	300	3000
Trespass abatement (Grazing other uses)		1	100		100

# NATIONAL COOPERATIVE LAND AND WILDLIFE MANAGEMENT AREAS

# MONACHE - WALKER PASS NCL & WMA

# I. Summary of Use on the Area

A. Public Use

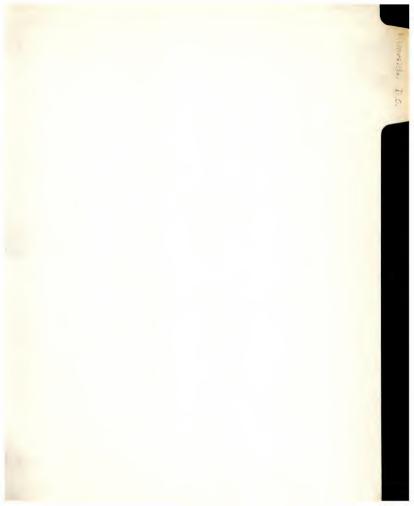
No estimate is available for the amount of public use that occured on the area during Fiscal Year 1971. This large block of public land is subjected to high-intensity use throughout all four seasons because of its relative nearness to the Los Angeles metropolitan area.

Special mention must be made regarding the popularity of the are for operators of off-road vehicles, particularly motorcyclists. -The area to the east of Kelso Valley and Kelso Creek to the Los Angeles Aqueduct has experienced a tremendous increase in off-road vehicle use in the last few years. This is particularly true of organized motorcycle events. The use primarily centered in the Dove Springs Canyon area, where courses for Enduro Races, Hare Scrambles, and European Scrambles have been established by clubs from the Los Angeles area.

In January 1971, the Bakersfield district established a "grass roots" citizens committee of thirteen different user groups to provide recommendations to the district concerning off-road vehicle use in eastern Kern County. The area under consideration consisted of approximately 350,000 acres of BLM administered lands. The committee recommend closing 100,000 acres to all off-road vehicles, restricting their use in 125,000 acres and leaving 125,000 acres to unregulated use. The high value wildlife lands south of Walker Pass to Barren Ridge were recommended for closure with administrative restrictions for vehicular use on designated roads and trails only. The El Paso Mountains have also been recommended for closure. The areas recommended for unregulated use or use with minimal restrictions primarily include Indian Wells Valley, the Rand Mountains and the public lands in the California City area. The remainder of the BLM administered land in eastern Kern County has been recommended for use with various types of restrictions.

#### B. Livestock Use

Fiscal Year 1971 was a low to average precipitation year in most of the area. This was reflected in poor to average forage production for livestock and average wildlife habitat conditions.



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## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Riverside

Fiscal Year 1971

WILDLIFE ANNUAL REPORT GENERAL STATISTICS

	OLITE	NAE STAT			T
1. HABITAT CONDI	TION	ACRES (	1,000's) UNSATIS.	6. WILDLIFE SURVEYS	NUMBER
Terrestrial		150	650	a. Use, condition and trend (transects)	
(1) Big game				b'. Stream and lake	
(2) Small game		2,000	500	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	1.152 4
(3) Waterfowl				a. Terrestrial	3
	NUMBER			a. Teffesular	
Aquatic (1) Lakes	1		78	b. Aquatic	
(2) Reservoirs	2	.02		8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	the second
(3). Stream (total mi	les)	·	·	a. Terrestrial	. 2
2. TERRESTRIAL AQUATIC HABITAT B	AND	ACRES	MILES	b. Aquatic	1
TO PUBLIC ACC	ESS	OF HABITAT	OF STREAMS	9. HABITAT EXPENDITURES	DOLLARS
Closure of private la	ands .	153,000		a. Management	5672
Lack of physical ac	cess	7,000	·	b. Development	1420
TOTAL	(a + b)	160,000		c. Maintenance	
3. WATER	FOWL USE	BIRD	DAYS	TOTAL (Habitat Expenditures)	7092
Impoundments		-	-	10. RECREATION (State O/fices complete)	VISITOR DAYS
Natural wetlands		-		a. Hunting	
4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game	
Rare		2	130,000	(3) Waterfowl	
Endangered		5	unknown	TOTAS (Hunting)	
5. WILDLIFE	PERSONN	EL	NUMBER	b. Fishing	
Biologists (CSC wi	ldlife serie	s)	· · · ·	c. Nonconsumptive use	
Coordinators (traine	d or u::'rain t coordinat		1	11. COMMERCIAL, FISHING (lbs. harvested)	

Remains

	-	NUMBER		D HARVEST FROM		NUMBER	
ECIES	POPULATION	AMa	HARVEST	SPECIES	POPULATION	AMs	HARVEST
ntelope	POPULATION	0.00		SUBTOTAL (con'l)			
ear				Elk			
Brown				Moose			
Black			44	Mountain Goat		-	
affalo				Mountain Lion			
Caribou		-		Peccary			
Black Tail				Bighorn Sheep	1,800	21,600	
White Tail			-	Turkey			
Mule	2,500	21,000	75	Wolf			
SUBTOTAL	-,			GRAND TOTAL	4,300	42,600	75
		13. D	IRECT HAB	ITAT IMPROVEME	NTS		
				Office Completes)		COST	
	ITEM		UNIT OF WORK	UNITS COM- PLETED	BUREAU	CON	TRIBUTED
a. Wildlife food (1) Prescrit	1 and cover bed burning		Acres				
	spraying, chai	ning	Acres				
(3) Seeding	and planting		Acres				
(4) Waterfor			Acres				
(5) Fencing	3		Miles				
(6) Wildlife	water develop	nents	Number				
b. Fishing stre (1) Channe	eams 1 structures		Number				
(2) Barrier	removal		Number				
(3) Spawnin	ng areas		Rods				
(4) Bank s	tabilization		Rods				
(5) Fencin			Miles				
	fish removal		Miles				
c. Fishing lak (1) Aquation	ces and reservo c plant control	irs	Acres				
			Acres				
			Acres				
(2) Rough	shing lakes		Acrea				
(2) Rough (3) New fi (4) Minimu	shing lakes	er	Acre Ft.				
(2) Rough (3) New fi (4) Minimu	shing lakes im pools of wate ing areas, shelt	er					

GPO 859 - 492

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## Wildlife Annual Report

#### Narrative

#### A. Habitat Management

For the FY 1971 this consisted mainly of custodial management and interagency cooperation. Two water improvements were developed cooperatively with California Department of Fish and Game, and an aquatic habitat was protected with a fence constructed with Bureau funds and manpower.

### B. Animal Damage

Very limited control in San Bernardino County. Estimated one or two requests for control in FY 1972.

#### C. Wildlife Statistics

Deer harvest has increased slightly over past years, but is still low in relation to estimated populations. Outlook is about the same forbig game in 1972, and a decline in upland game bag due to the cool, rainy spring this year.

#### D. Wildlife Personnel

The Range Conservationist that functioned as Wildlife Coordinator took an Area Manager's position about halfway through the year. Because of this, programmed wildlife work was not completed and the whole discipline faltered. However, a District Wildlife Specialist was hired in July, and the outlook for 1972 is brighter.

A temporary Biological Technician is developing an intensive inventory of rare, endangered, and isolated species for the district as well as assisting the specialist in other job functions.

#### E. Other Problems

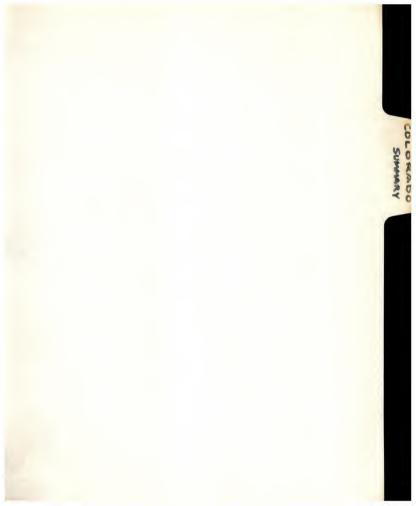
None at present, save for continuing access difficulties to an area of public land in San Diego County.

#### F. Non-Consumptive Uses

Using an estimated 2.9 million recreation visitor days of which an estimated 60,000 are hunter days, the remainder of 2,840,000 is wildlife enhanced, and non-consumptive.

# G. Waterfowl

Waterfowl use is restricted to scattered reservoirs, the Salton Sea, and the Colorado River. Use on Public lands is not felt to be significant.



IN REPLY REFER TO:

CO



# UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

5-930

COLORADO STATE OFFICE ROOM 700, COLORADO STATE BANK BUILLING 1600 BROADWAY DENVER, COLORADO 80202 6501

November 16, 1971

Memorandum

To: Director (360)

From: State Director, Colorado

Subject: Annual Wildlife Report, FY 1971

Attached is the above report and narrative.

Attachment

### FY 1971 Wildlife Annual Report Narrative

#### A. Habitat Management

One cost sharing project was completed in cooperation with the Colorado Division of Game, Fish and Parks. This included the chaining of 1,027 acres and the seeding of 696 acres.

#### B. Animal Damage

A long battle with the BSFGM took place over guidelines for animal control. Since the issuance of Instruction Memos 71-149 and 71-222 things have calmed down considerably. The BSFGM is not completely satisfied with our policy, but the ranchers and conservationists have accepted it.

#### C. Wildlife Statistics

Several fluctuations occurred in the statistics this year due to the refinement of data gathering processes.

Total hunter days increased about 60% over FY 1970. This was due to good weather during the hunting season.

Total fisherman days show a great reduction. This is due to a new reporting system of fishing use.

(July	6500-1 1970) mmerly 6960-1)	DEPARTM	NITED STAT ENT OF THE F LAND MAI	INTERIOR		Office Colorado	
			E ANNUAL			Fiscal Year 1971	
	1. HABITAT CON	DITION	ACRES (	1,000's) UNSATIS	6. WILDLIF	E SURVEYS	NUMBER
	Terrestrial				a. Use, condition an	d trend (transects)	298
(	1) Big game		4,876	3,202	b. Stream and lake		10
(	2) Small game		.5,748	876	7. HABITAT MAN	AGEMENT PLANS	
(	3) Waterfowl		8	5	a. Terrestrial	e Species)	
b. /	Aquatic	NUMBER			a. renestriar		2
	(1) Lakes	36	694	5	b. Aquatic		-
(	(2) Reservoirs	59	2,885	305		OPMENT PROJECTS	
(	(3) Stream (total m	niles)	757	584	a. Terrestrial		. 1
	2. TERRESTRIA	LAND	ACRES	MILES	b. Aquatic		-
A	TO PUBLIC AC BY	CESS	OF HABITAT	OF STREAMS	9. HABITAT E	XPENDITURES	DOLLARS
a. (	Closure of private	lands	1,159,980	70	a. Management		40,380
J. 1	Lack of physical a	ccess	70,000	35	b. Development		73,220
	Τοται	. (a + b)	1,229,980	105	c. Maintenance		9,620
	3. WATE	RFOWL USE	BIRD	DAYS	TOTAL (Habita	t Expenditures)	123,020
a. 1	Impoundments		85,	250		REATION es complete)	VISITOR DAYS
b.	Natural wetlands		588,	250	a. Hunting (1) Big game	2 312.1	437,700
	4. RARE AND END SPECIES	ANGERED	NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game	1100c	95,654
a.	Rare	× .	5	t/	(3) Waterfowl		1,600
b.	Endangered		5.	1/		COTAL (Hunting)	534,95
_	5. WILDLIF	E PERSONN	EL	NUMBER	b. Fishing		85,348
a.	Biologists (CSC u	ildlife serie	s)	5	c. Nonconsumptive	use	45,000
b.	Coordinators (train	ied or untrai		1	11. COMMERCIAL F	SHING (lbs. barvested)	

Remarks 1/ Acres of habitat are unknown at this time. Some of these species are only suspected to be in the area, but have not been verified at this time.

(Instructions inside back cover)

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				D HARVEST FR			
SPECIES	POPULATION	NUMBER AMs	HARVEST	SPECIES	POPULATION	NUMBER AMs	HARVEST
Antelope	7,730	60,975	1,561	SUBTOTAL (con't)	174,705	986,605	31,162
Bear Brown	-			Elk	.13,150	43,512	1,019
Diown				Moose			
Black	275	850	15	Mountain Goat	-		
Buffalo	25	300	-	Mountain Lion	7	35	
Caribou					140	1;040	30
Deer Black Tail				Peccary Bighorn Sheep			
White Tail			1	Turkey	336	1,009	6
Mule	166,675	924,480	29,586	Wolf	455	3,500	30
SUBTOTAL	174,705	986,605	31,162	GRAND TOTAL	L 188,793	1,035,701	32,247
				AT IMPROVEME	ENTS		
)	ITEM		UNIT OF WORK	UNITS COM- PLETED	BUREAU	COST	RIBUTED
a. Wildlife food (1) Prescribe			Acres				
	spraying, chain	ing	Acres	1,027	8,626.25		
(3) Seeding a			Acres	696	1,991.64	12,42	5.51
(4) Waterfowl	l marsh	-	Acres				
(5) Fencing			Miles				
<ul> <li>(6) Wildlife w</li> <li>b. Fishing streat (1) Channel streat (1)</li> </ul>		ents	Number Number				-
(2) Barrier re			Number			test the second s	
(3) Spawning			Rods				
(4) Bank stal	bilization		Rods				
(5) Fencing			Miles				-
(6) Rough fis	sn removal		Miles				
<ul> <li>Fishing lakes</li> <li>(1) Aquatic p</li> </ul>		3	Acres			-	
(2) Rough fis	sh removal		Acres				
(3) New fishi			Acres				
	pools of water		Acre Ft.				
	areas, shelter	s, etc.	Number				
(6) Fencing			Miles				
				TOTAL		12,42	

## 12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

GPO 859 - 492



AAY INE EDITION BAA FPMR (41 CPR) 101-11.6



6960.1(930)

DATE: September 13, 1971

FROM : Acting State Director, Idaho

TO

SUBJECT: Wildlife Annual Report - FY 1971 .

Attached is a copy of the consolidated Idaho Wildlife Annual Report. We have also included copies of the district reports and narrative.

Richard H. Petrie

Attachments

BUREAU OF LAND MANAGEMENT. COMMUNICATIONS UNIT. SEP 15 1971 PM 7,8,9,10.11.12,1,2,3,4,5,6

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Form 6500-1 ly 1970) ormerly 6960-1)

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#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Fiscal Year

IDAHO

## WILDLIFE GENERAL STATISTICS

ANNUAL	REPORT	

÷			E ANNUAL			1971	
	1. HABITAT CONDI	ITION	ACRES (	1,000's) UNSATIS.	6. WILDLIFE	E SURVEYS	NUMBER
a.	Terrestrial (1) Big game		3407	3303	<ul> <li>a. Use, condition and</li> <li>b. Stream and lake</li> </ul>	1 trend ( <i>transects</i> )	146
_	<ul><li>(2) Small game</li><li>(3) Waterfowl</li></ul>		2997 27	2248 8	7. HABITAT MAN (Wildlife	AGEMENT PLANS Species)	6
ь.	Aquatic	NUMBER	133	8	a. Terrestrial b. Aquatic		3
_	(1) Lakes (2) Reservoirs	40	102	51	8. HABITAT DEVEL	OPMENT PROJECTS or contracted)	
-	(3) Stream (total mi		1,458	856	a. Terrestrial	or connected?	14
	2. TERRESTRIAL	LOCKED	ACRES OF	MILES	b. Aquatic	-	1
	TO PUBLIC ACC	ESS	HABITAT	STREAMS	9. HABITAT E	XPENDITURES	DOLLARS
	Closure of private la	ands	869,972	360	a. Management		63,897
ь.	Lack of physical ac	cess	4,233,754	493	b. Development		25,365
_	TOTAL	(a + b)	5,103,726	853	c. Maintenance	-	5,000
_	3. WATER	FOWLUSE	BIRD	-DAYS	TOTAL (Habitat	Expenditures)	94,262
a	Impoundments		7;119	,000	10. REC (State Offic	REATION es complete)	VISITOR DAYS
ь.	Natural wetlands		24,817	,800	a. Hunting (1) Big game		135,700
	4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game		63,300
a	Rare		2	43,300	(3) Waterfowl		13,700
ь	Endangered		2	4,150	. 1	TOTAL (Hunting)	212,700
	5. WILDLIFE	E PERSONN	EL	NUMBER	b. Fishing		252,000
a	Biologists (CSC with			5	c. Nonconsumptive	use	250,800
ь	Coordinators (traine distric	ed or untrai et coordinal		2	11. COMMERCIAL F	ISHING (lbs. barvested)	1,125,67

narks

	1	NUMBER		1			
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	NUMBER	HARVEST
Intelope	10,415	92,390	1,135	SUBTOTAL (con't)	130,675	630,980	18,515
Bear Brown				Elk	197,780	19,842	345
Black	205	485	21	Moose	185	530	12
Buffalo	385	485	21	Mountain Goat	75	60	
Caribou				Mountain Lion	165	1,120	22
				Peccary			·
Deer Black Tail				Bighorn Sheep	320	2,640	3
White Tail	6,300	32,600	160	Turkey	50	200	
Mule	113,575	505,505	17,199	Wolf			
SUBTOTAL	130,675	630,980	18,515	GRAND TOTA	L 289,250	655,372	18,897
				TAT IMPROVEM	ENTS	-	
			UNIT	UNITS		COST	
1	ITEM		OF	COM-	BUREAU		RIBUTED
			WORK	PLETED	BUREAU	CONT	RIBUTED
a. Wildlife food (1) Prescribe			WORK Acres	PLETED	BUREAU	C ON 1	-
(1) Prescribe (2) Release s	d burning spraying, chain	ing	Acres Acres	PLETED	BUREAU	C 0N1	RIBUTED
(1) Prescribe (2) Release s (3) Seeding a	d burning spraying, chain nd planting	ing	Acres Acres Acres	PLETED	BUREAU	C ON 1	RIBUTED
<ul> <li>(1) Prescribe</li> <li>(2) Release s</li> <li>(3) Seeding a</li> <li>(4) Waterfowl</li> </ul>	d burning spraying, chain nd planting	ing	Acres Acres Acres Acres		BUREAU	CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release s</li> <li>Seeding a</li> <li>Waterfowl</li> <li>Fencing</li> </ol>	d burning spraying, chain nd planting marsh		Acres Acres Acres Acres Miles	PLETED	BUREAU	C ON 1	TRIBUTED
<ol> <li>Prescribe</li> <li>Release s</li> <li>Seeding a</li> <li>Waterfowl</li> <li>Fencing</li> </ol>	d burning spraying, chain nd planting marsh vater developments		Acres Acres Acres Acres	PLETED	BUKEAU		RIBUTED
<ol> <li>Prescribe</li> <li>Releases</li> <li>Seeding a</li> <li>Seeding a</li> <li>Waterfowl</li> <li>Fencing</li> <li>Wildlife v</li> <li>Fishing streat</li> <li>Channel s</li> <li>Castrier retire</li> </ol>	d burning spraying, chain nd planting marsh vater developme ms structures moval		Acres Acres Acres Acres Miles Number	PLETED	BUREAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release s</li> <li>Seeding a</li> <li>Seeding a</li> <li>Seeding a</li> <li>Seeding a</li> <li>Sercing</li> <li>Fencing</li> <li>Fishing strea</li> <li>Channel s</li> <li>Barrier re</li> <li>Spawning</li> </ol>	d burning spraying, chain nd planting marsh vater developme ms structures moval areas		Acres Acres Acres Acres Miles Number Number Number Rods	PLETED	BUKEAU		RIBUTED
<ol> <li>Prescribe</li> <li>Releases</li> <li>Seeding a</li> <li>Seeding a</li> <li>Fencing</li> <li>Fencing</li> <li>Wildlife w</li> <li>Fishing strea</li> <li>Channel s</li> <li>Barrier re</li> <li>Spawning</li> <li>Bank stal</li> </ol>	d burning spraying, chain nd planting marsh vater developme ms structures moval areas		Acres Acres Acres Miles Number Number Number Rods Rods	PLETED	BUKEAU		
<ol> <li>Prescribe</li> <li>Release a</li> <li>Seeding a</li> <li>Seading a</li> <li>Waterfowl</li> <li>Fencing</li> <li>Fishing strea</li> <li>Channel s</li> <li>Castrier re</li> <li>Spawning</li> <li>Barrier re</li> <li>Spawning</li> <li>Fencing</li> <li>Fencing</li> </ol>	d burning spraying, chain nd planting marsh vater developme ms structures moval areas jilization		Acres Acres Acres Miles Number Number Number Rods Rods Miles	PLETED	BUKEAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release: a</li> <li>Seeding at</li> <li>Seeding at</li> <li>Seeding at</li> <li>Waterfowl</li> <li>Fencing</li> <li>Fishing stread</li> <li>Fishing stread</li> <li>Channel s</li> <li>Barrier re</li> <li>Spawning</li> <li>Bank stat</li> <li>Fencing</li> <li>Rough fis</li> </ol>	d burning spraying, chain nd planting marsh vater developme ms structures moval areas oilization h removal	ents	Acres Acres Acres Miles Number Number Number Rods Rods	PLETED	BUKEAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release a</li> <li>Seeding a</li> <li>Seading a</li> <li>Waterfowl</li> <li>Fencing</li> <li>Fishing strea</li> <li>Channel s</li> <li>Castrier re</li> <li>Spawning</li> <li>Barrier re</li> <li>Spawning</li> <li>Fencing</li> <li>Fencing</li> </ol>	d burning spraying, chain nd planting marsh vater development structures moval areas pilization h removal and reservoirs	ents	Acres Acres Acres Miles Number Number Number Rods Rods Miles	PLETED	BUKEAU		KIBUTED
<ol> <li>Prescribe</li> <li>Release:</li> <li>Seeding:</li> <li>Seeding:</li> <li>Seeding:</li> <li>Fencing:</li> <li>Waterfowl</li> <li>Fishing streat</li> <li>Channel s</li> <li>Channel s</li> <li>Bariser end</li> <li>Spawning</li> <li>Bank stat</li> <li>Fencing</li> <li>(6) Rough fis</li> <li>Fishing lakes</li> </ol>	d burning spraying, chain md planting marsh vater development structures moval areas bilization h removal and reservoirs lant control	ents	Acres Acres Acres Acres Miles Number Number Rods Rods Rods Miles Miles	PLETED	BUKEAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release :</li> <li>Release :</li> <li>Seeding a</li> <li>Waterfowl</li> <li>Fencing</li> <li>Fencing (6) Wildlife v</li> <li>Fishing strea</li> <li>Channel :</li> <li>Darrier re</li> <li>Spawning</li> <li>Bank stal</li> <li>Fencing</li> <li>Go Rough fis</li> <li>Fishing lakes</li> <li>Aquatic p</li> <li>Rough fis</li> <li>Wr fishing lakes</li> <li>New fishing</li> </ol>	d burning spraying, chain and planting marsh vater developme ms structures moval areas pilization h removal and reservoirs lant control h removal ng lakes	ents	Acres Acres Acres Acres Miles Number Number Number Number Number Mules Miles Miles Acres Acres Acres		BUKEAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release :</li> <li>Seeding a</li> <li>Seeding a</li> <li>Waterfowl</li> <li>Fencing</li> <li>Fencing (6) Wildlife w</li> <li>Fishing strees</li> <li>Carrier re</li> <li>Spawning</li> <li>Bank stal</li> <li>Fencing (6) Fencing</li> <li>Rough fis</li> <li>Fishing lakes</li> <li>Fishing lakes</li> <li>Fishing lakes</li> <li>Fishing lakes</li> <li>Sing the stal</li> <li>Second fis</li> <li>Rough fis</li> <li>New fishing</li> <li>New fishing</li> </ol>	d burning spraying, chain of planting marsh vater developme ms structures moval areas allization h removal and reservoirs lant control h removal ng lakes pools of water	ents	Acres Acres Acres Acres Miles Number Number Number Rods Rods Miles Miles Miles Acres Acres Acres Acres		BUKEAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release :</li> <li>Seeding a</li> <li>Seeding a</li> <li>Waterfowl</li> <li>Fencing</li> <li>Fencing (6) Wildlife w</li> <li>Fishing strees</li> <li>Carrier re</li> <li>Spawning</li> <li>Bank stal</li> <li>Fencing (6) Fencing</li> <li>Rough fis</li> <li>Fishing lakes</li> <li>Fishing lakes</li> <li>Fishing lakes</li> <li>Fishing lakes</li> <li>Sing the stal</li> <li>Second fis</li> <li>Rough fis</li> <li>New fishing</li> <li>New fishing</li> </ol>	d burning spraying, chain and planting marsh vater developme ms structures moval areas pilization h removal and reservoirs lant control h removal ng lakes	ents	Acres Acres Acres Acres Miles Number Number Number Number Number Mules Miles Miles Acres Acres Acres		BUREAU		RIBUTED

## 12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

GPO 859 - 492

IDAN NARRATIVE - AD.

#### A. HABITAT MANAGEMENT

#### Boise District

Application for withdrawal the Snake River Birds of F. the fiscal year. The area value for prairie falcons, A pictorial resume and lan The dedication was held on Order has not been signed a

Three research studies are the district:

- Idaho Fish & Game habitat study
- 2. University of Ida... .Golden Eagle Stud
- University of Ida Prairie Falcon St

A research study on the Cal completed and thesis public.

A rest-rotation grazing ma acres of the Boise Front d designed to improve mule d of planned livestock managinvolved in the system is Department of Fish and Ga: individuals.

Burley District

The 51 big game utilizatic resulted in:

- 1. Increased coopera-Game Department, . Lands.
- 2. Recommendations . Game Department :
- Livestock grazing game winter range:

of public land for was completed during to of significant and other raptors. pleted in August 1970. The Public Land 10, 1971.

carried on within

se grouse

arch Unit -

rch Unit -

sheep has been rsity of Idaho.

initiated on 15,000 rear. The system is that through the use "sture system. Land ad by USFS, BLM, Idaho int of Lands, and private

.nter ranges have

, Idaho Fish and Department of Public

the Idaho Fish and

aned to enhance big

EPORT

At this time it appears that 13 additional transects will be necessary to have one transect per critical winter range area in the District.

Big game counts in February and March, 1971, showed location of additional new winter ranges on the public domain. Therefore, a substantial increase in numbers of deer and elk are shown on Form 6500-1 over last year.

#### Idaho Falls District

A wildfire burned approximately 13,999 acres of critical moose and elk winter habitat north of St. Anthony last year. Rehabilitation of this area included the planting of approximately 20,000 bitterbrush seedlings and the seeding of 100 lbs. of bitterbrush seed. The rehabilitation was done in cooperation with the Idaho Fish and Game Department and the Boy Scouts of America.

Plans to modify existing water haul wells so that water will be available for wildlife was discussed with the Idaho Fish and Game Department. The modification of four wells on the big desert south of Big Southern Butte will probably be completed next year.

#### Salmon District

Habitat improvement work continues on the Morgan Greek and East Fork of the Salmon River Bighorn Sheep ranges. In the Spring of 1972 we should begin a system of rest-rotation grazing that will be of great benefit to wildlife, watershed and livestock. In FY 1971 we have sprayed sagebrush, chained sagebrush, developed springs and constructed fences to implement the habitat management plan.

The district has continued to expand it's cooperative big game habitat and population studies with the Idaho Fish and Game Department and the USFS.

The district has initiated a program of big game winter range mapping in conjunction with the Idaho Fish and Game Department's winter trend counts.

The district has participated in a sage grouse trapping and tagging program with the Idaho Fish and Game Department and the USFS to study bird migration and map key habitat in the Big Lost River drainage.

The district has cooperated with the Idaho Fish and Game Department in evaluating fish habitat improvement structures on Birch Creek and Summit Creek. The district personnel have continued their work on attempting to improve Willow Creek Summit mountain mahogany stands.

#### Shoshone District

The habitat management work completed during the last fiscal year concerned itself only with maintaining the few projects which have been developed in previous years. Although no wildlife projects per se have been completed, wildlife habitat improvements were considered in the development and/or completion of the range improvement projects and allotment management plans that were done this past year.

At all times all agencies concerned with wildlife management were contacted and suggestions were requested when it was evident that our management would have some affect on wildlife. The rapport this offlice has with other agencies, especially the State Fish and Game Department, is considered excellent.

#### Coeur d'Alene District

The district Wildlife Extensive Inventory was completed during the fiscal year. This inventory involved cooperative efforts with two regional fish and game officers and seventeen fish and game conservation officers.

Assistance was extended to the Idaho Fish and Game Department during the annual spring big game aerial census.

Fishery habitat surveys were made on two high mountain lakes during the fiscal year.

#### B. ANIMAL DAMAGE

The extensive publicity in Wyoming has created much concern and interest in the Idaho animal control program. We have been working closely at the State and district levels with personnel of the Division of Wildlife Services, BSF&W to effect a reasonable program of far less magnitude than has been carried on in the past. The number of 1060 bait stations has been reduced from about 3000 statewide to about 1200. Further reductions will occur during FY 1972. During FY 1971 three valuable field trial dogs were killed at a bait station in the Burley District. A \$79,295 claim was filed against the U. S. Government on August 4, 1971, as a result of this loss.

## Boise District

A predator loss inquiry was malled to all livestock operators within the district. The following results were obtained for losses occurring during calendar year 1970:

No. sheep operators No. cattle operators	No. 44 515	No. <u>Rept.</u> <u>30</u> <u>139</u>	% Rept. 68 27	No. Rept. no losses 0 85	Lost to <u>Pred.</u> 5,110 189	Lost to other than Pred. 670 696
TOTALS	559	169	30	85	5,299	1,366

Reported predator losses by species of predator:

	Coyote	Red Fox	Bobcat	Cougar	Bear	Eagle	Total
Sheep	Coyote 3,547	3	574	180	411	Eagle 395	5,110
Cattle	165	-	17	2	5	-	189

Specific animal control problem areas are being identified through the use of the report.

#### Burley District

The number and location of 1080 bait stations is being evaluated very carefully.

#### Idaho Falls District

A meeting was held in Idaho Falls to discuss the BLM's new policy on predator control. Attending the meeting were personnal from BLM, Idaho Fish and Game, BSF&W, Atomic Emergy Commission, State Land Department, SCS, County Agents, and members of the Advisory Board.

#### Salmon District

Kill verification information is being gathered from the Division of Wildlife Services as a tool to properly manage the predator control program.

#### Shoshone District

This office has received no animal damage complaints during the last year, with the exception of isolated areas where either coyotes and/or bears have caused noticeable sheep losses.

#### Coeur d'Alene District

Other than the annual porcupine damage to recreation site register boxes, no animal damage occurred during the fiscal year.

No predator control programs are currently being carried out on district land.

# C. WILDLIFE STATISTICS

There are few changes in the statistics reported for FY 1971 from those reported in FY 1970. Where changes have been made, they are a reflection of having been able to obtain better information.

Under Item 4 our Rare and/or Endangered Species in Idaho include:

- a. California Bighorn Sheep
- b. Prairie Falcon
- c. Bald Eagle
- d. Peregrine Falcon

The California bighorn sheep population in Idaho is a result of transplants from Williams Lake area, British Columbia in 1963, 1965, 1966 and 1967. A total of 50 sheep were released in Ownhee County, southwestern Idaho.

The prairie falcon is indigenous to the rocky canyon areas of all of the Snake River Plains area of southern Idaho. In the recently dedicated Snake River Birds of Frey Natural Area, L9 pairs of falcons were known to have nested in the Spring of 1970. This averages out at a nest each 300 to 100 yards. Less concentrated densities inhabit other similar habitat areas.

The bald eagle migrates into parts of Idaho during the winter periods concentrating mainly in areas utilized by waterfowl, spawning kokanee and blacktailed jackrabbits.

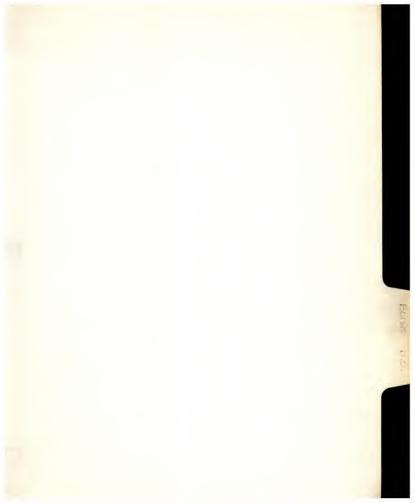
We know of one pair of nesting peregrine falcons and have sightings of peregrine falcons in two other areas. There is also apparently some winter migration into reaches of the Snake River.

In the rare and endangered category, we have indicated the presence of species but not the amount of habitat involved because we have not yet identified the magnitude of the use area. Acres of habitat will increase in future years as information becomes available.

# D. OTHER PROBLEMS

As the numbers of people pursuing outdoor recreational activities increases, blocking of access to public land is increasing.

Lack of man months and money for the wildlife resource and its associated public enjoyment is our major problem. Environmental review and animal control responsibilities have increased our regular work load tremendously.



Form 6500-1 ly 1970) formerly 6960-1)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Boise District

Fiscal Year 1971

## WILDLIFE ANNUAL REPORT GENERAL STATISTICS

		GENE	RAL STATI	STICS	1371	
-	1. HABITAT CONDITION ACRES (1,0					
	1. HABITAT COND	CONDITION		UNSATIS.		
a.	Terrestrial (1) Big game		155	1,221	<ul> <li>a. Use, condition and trend (<i>transects</i>)</li> <li>b. Stream and lake</li> </ul>	26
	(2) Small game		3	1	7. HABITAT MANAGEMENT PLANS	
	(3) Waterfowl		9	5	(Wildlife Species)	1
		NUMBER		-	a. Telleaulai	
b.	Aquatic (1) Lakes	6	-	.1	b. Aquatic	
	(2) Reservoirs	38	30	5	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
	(3) Stream (total mi	les)	274	737	a. Terrestrial	
	2. TERRESTRIAL	AND	ACRES	MILES	b. Aquatic	
	TO PUBLIC ACC BY	ESS	OF HABITAT	STREAMS	9. HABITAT EXPENDITURES	DOLLARS
	Closure of private lands 273		273,000	26	a. Management	15,000
ь.	Lack of physical access 2,500,000		383	b. Development		
-	TOTAL (a + b) 2,773,000		409	c. Maintenance	5,000	
	3. WATER	3. WATERFOWL USE BIRD		-DAYS	TOTAL (Habitat Expenditures)	20,000
a	Impoundments		1,590,	000	10. RECREATION (State Offices complete)	VISITOR DAYS
b.	Natural wetlands			-	a. Hunting (1) Big game	-
	4. RARE AND ENDANGERED NO. OF SPECIES SPECIES		ACRES OF HABITAT	(2) Small game	-	
a	a. Rare 2		43,000	(3) Waterfowl		
b	. Endangered -			. TOTAL (Hunting)		
-	5. WILDLIF	E PERSONN	EL	NUMBER	b. Fishing	
8	. Biologists (CSC wi	ldlife serie	s)	1	c. Nonconsumptive use	-
b. Coordinators (trained or untrained district coordinators)				-	11. COMMERCIAL FISHING (lbs. barvested	)

marks

12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS NUMBER NUMBER SPECIES SPECIES POPULATION AMs HARVEST POPULATION AMs HARVEST SUBTOTAL. Antelope 1,400 11,900 60 (con't)Bear Elk 150 750 12 Brown Moose Black 25 150 Mountain Goat Buffalo Mountain Lion 25 160 4 Caribou Peccary Deer Black Tail Bighorn Sheep 120 1,440 1 White Tail 100 200 Turkey 50 200 Mule 30,000 200.000 3,500 Wolf SUBTOTAL GRAND TOTAL 31,525 212,250 3,560 31,870 214,800 3,577 13. DIRECT HABITAT IMPROVEMENTS (Washington Office Completes) COST UNIT UNITS ITEM OF COM-PLETED . . BUREAU CONTRIBUTED a. Wildlife food and cover (1) Prescribed burning Acres (2) Release spraying, chaining Acres (3) Seeding and planting Acres (4) Waterfowl marsh Acres (5) Fencing Miles (6) Wildlife water developments Number b. Fishing streams (1) Channel structures Number (2) Barrier removal Number (3) Spawning areas Rods (4) Bank stabilization Rods (5) Fencing Miles (6) Rough fish removal Miles c. Fishing lakes and reservoirs (1) Aquatic plant control Acres (2) Rough fish removal Acres (3) New fishing lakes Acres (4) Minimum pools of water Acre Ft. (5) Spawning areas, shelters, etc. Number (6) Fencing Miles TOTAL

GPO 859 - 492

## NARRATIVE -- ANNUAL WILDLIFE REPORT

#### A. Habitat Management

The Snake River Birds of Prey Natural Area withdrawal covering 26,255 acres of public land was completed during the fiscal year. The area has major significant major value for prairie falcons, golden eagles, and other raptors. A pictorial resume and land report was completed in August, 1970. The dedicathn was held on August 24, 1971.

Three research studies are presently being carried on within the District:

- 1. Idaho Fish & Game Department Sage grouse habitat study
- 2. University of Idaho Wildlife Research Unit Golden eagle study
- 3. University of Idaho Wildlife Research Unit Prairie Falcon study

A research study on the California bighorn sheep has been completed and thesis published at the University of Idaho.

A rest-rotation grazing system was initiated on 15,000 acres of the Boise Front during the fiscal year. The system is designed to improve mule deer wintering habitat through the use of planned livestock management in a nine pasture system.

## B. Animal Damage

A predator report was mailed to all livestock operators within the District. The following results were obtained for losses occurring

during catendar year	No.	Reft.	Rept.	#Rept. No losses	Fred to	than pred.	
No. sheep operators	44	30	68%	0	5,110	670	
No. cattle operators	<u>515</u>	<u>139</u>	27%	85	189	696	
Total:	559	169	30%	85	5,299	1,366	

Reported predator losses by specie of predator -

	Covote	Red Fox	Bobcat		Bear	Eagle	Total
Sheep	3,547	3	574	180	411	395	5,110
Cattle	165	-	17	2	5	-	189

Specific problem areas are being identified through the use of the report.

## C. Wildlife Statistics

## 1b(2) Aquatic Reservoirs: Total - 38

#### Satisfactory

### Unsatisfactory

Name	Surface Acres	Name	Surface Acres
C. Ben Ross	353	Spencer	26
Lucky Peak	3810	Blacks Creek	122
Indian Creek	56	Louisa Creek	16
Triangle Reservoir	87	Grasmere #2	85
Grasmere #1	168	Crane Creek	3,300
Immigrant Crossing	15	Buckhorn	125
, Cedar Creek	1200	Payne Creek	55
Salmon Falls	1700 .	Blue Creek	144
Hardesty	23	Bybee	73
Paddock	1500	Little Blue	188
Morrow	50	Blackstone	34
1/ Mountain Home	440 .	Jacks Creek	26
Brownlee	7550	Long Tom	200
C. J. Strike	7500	Trail Creek	140
Cove Arm	76	John Hoffman	8
1/ Barton	15	Upper Anderson	30
Oxbow	750	Lower Anderson	60
Lower Salmon Falls	420	Foreman #1 & 2	22
Anderson Ranch	4780	Crane Falls	92
	30,493		4,746

1/ Reservoirs adjacent to Burley or Baker Districts only 1/2 surface acreage used.

4(a) Rare species:

California	bighorn	sheep	16,250	acres
Prairie Fa	Leon		26,255	acres

Prairie falcon habitat includes only the Swan Falls Birds of Prey Natural Area. Other nesting habitat is being inventoried during 1972 F.Y.

5. Wilfife Personnel:

C. Mar

The District has one wildlife management biologist. Also three District personnel are wildlife graduates.

7(a) Habitat Nanagement Plans- Terrestrial:

The Juniper Mountain Wildlife Habitat Management Plan was revised during the fiscal year.

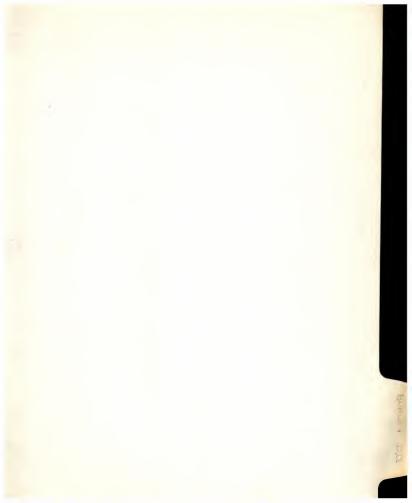
9(c) Maintenance included fences and water developments on Juniper Mountain and the dike maintenance on the Grandview Waterfowl Habitat area.

# D. Other problems:

Terrestrial habitat blocked to public access by closure of private lands is as follows:

Louisa Creek - Hyde Pasture - Mud Flat	21.121
East side of Juniper Mountain	40,410
Riddle Alktment	189,375
Bennett Mountain (Henley)	22,550
	273.456

In addition, since the initiation of the Snake River Birds of Prey Natural Area project, two of the four access roads into the 34-mile stretch of the river have been closed by private land owners.



Form 6500-1 (\*\*\*1y 1970) 'ormerly 6960-1).

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Burley District

Fiscal Year

# WILDLIFE ANNUAL REPORT GENERAL STATISTICS

_		GENE	ERAL STAT	ISTICS		1971	
-	1. HABITAT COND	ITION	ACRES		6. WILDLIFE	SURVEYS	NUMBER
-			SAT IS.	UNSATIS.			
a.	Terrestrial (1) Big game		687	116	a. Use, condition and	trend (transects)	- 51
-	(2) Small game		999		b. Stream and lake		
-	(3) Waterfowl		1	124	7. HABITAT MANA (Wildlife		1. 19
-		NUMBER		-	a. Terrestrial		2
ь.	Aquatic (1) Lakes				b. Aquatic		-
	(2) Reservoirs	19	52	1	8. HABITAT DEVELC (Completed of	PMENT PROJECTS	11 11 11 11 11 11 11 11 11 11 11 11 11
	(3) Stream (total mi	les)	67	2	a. Terrestrial	~ ~	
	2. TERRESTRIAL		ACRES	MILES	b. Aquatic		-
	TO PUBLIC ACC BY		OF HABITAT	OF STREAMS	9. HABITAT EX	PENDITURES	DOLLARS
	Closure of private la	ands	375,000	20	a. Management		20,580
ь.	Lack of physical ac	cess	26,000		b. Development	× •	7,565
_	TOTAL	(a + b)	401,000	20	c. Maintenance	- X	
_	3. WATER	FOWL USE	BIRD	-DAYS	TOTAL (Habitat	Expenditures)	28,145
a.	Impoundments		2,	400,000	10. RECR (State Office:		VISITOR DAYS
ь.	Natural wetlands		2 23,	000,000 <sup>1</sup>	a. Hunting		
	4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game		38
a.	Rare				(3) Waterfowl		
ь.	Endangered		2	4,000	Тс	DTAL (Hunting)	
-	5. WILDLIFE	PERSONNE	EL	NUMBER	b. Fishing		
a.	Biologists (CSC wil	dlife series	;)	1	c. Nonconsumptive us	se	
b.	Coordinators (trained	d or untrain t coordinate		-	11. COMMERCIAL FIS	HING (lbs. barvested)	

P- marks

1 Estimated bird days on Dingle Marsh.

SPECIES .		NUMBER		SPECIES		NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	15	90	3	SUBTOTAL (con't)	20,585	96,760	8,229
Bear Brown	-			Elk	330	1,620	101
Black	5	15		Moose	15	30	4
Buffalo				Mountain Goat			
Caribou				Mountain Lion	30	360	7
Deer				Peccary			
Black Tail		-		Bighorn Sheep			
White Tail				Turkey			
Mule	20,565	96,655	8,226	Wolf			
SUBTOTAL	20,585	96,760	8,229	GRAND TOTA	L 20,960	98,770	8,341
				TAT IMPROVEM (fice Completes)	ENTS		
			UNIT	UNITS		COST	
	ITEM		OF WORK	COM- PLETED	BUREAU	CON	TRIBUTED
a. Wildlife food (1) Prescribe			Acres				
	spraying, chaini	ng	Acres				
(3) Seeding a			Acres				
(4) Waterfow	marsh		Acres				
(5) Fencing			Miles				
(b) Wildlife v	vater developme		Number				
<ul> <li>b. Fishing streat</li> <li>(1) Channel streat</li> </ul>			Number				
	moval		Number				
- (2) Barrier re							
<ul> <li>(2) Barrier re</li> <li>(3) Spawning</li> </ul>			Rods				
(3) Spawning (4) Bank stal	areas		Rods				
<ul> <li>(3) Spawning</li> <li>(4) Bank stal</li> <li>(5) Fencing</li> </ul>	areas bilization		Rods Miles				
(3) Spawning (4) Bank stal	areas bilization		Rods		•		
(3) Spawning (4) Bank stal (5) Fencing (6) Rough fis	areas bilization h removal and réservoirs		Rods Miles				
<ul> <li>(3) Spawning</li> <li>(4) Bank stal</li> <li>(5) Fencing</li> <li>(6) Rough fis</li> <li>c. Fishing lakes</li> </ul>	areas bilization th removal and réservoirs plant control		Rods Miles Miles	· · · · ·	:		
<ul> <li>(3) Spawning</li> <li>(4) Bank stal</li> <li>(5) Fencing</li> <li>(6) Rough fis</li> <li>(6) Rough fis</li> <li>(1) Aquatic p</li> <li>(2) Rough fis</li> <li>(3) New fishi</li> </ul>	areas bilization h removal and réservoirs blant control h removal ing lakes		Rods Miles Miles Acres Acres Acres	· · · ·	······································		
(3) Spawning (4) Bank stal (5) Fencing (6) Rough fis (7) Aquatic p (2) Rough fis (3) New fishi (4) Minimum	areas bilization h removal and reservoirs lant control h removal ing lakes pools of water		Rods Miles Miles Acres Acres Acres Acres				
(3) Spawning (4) Bank stal (5) Fencing (6) Rough fis (7) Aquatic p (2) Rough fis (3) New fishi (4) Minimum	areas bilization h removal and réservoirs blant control h removal ing lakes	, etc.	Rods Miles Miles Acres Acres Acres	· · · · · · · · · · · · · · · · · · ·			

GPO 859 - 492

### NARRATIVE

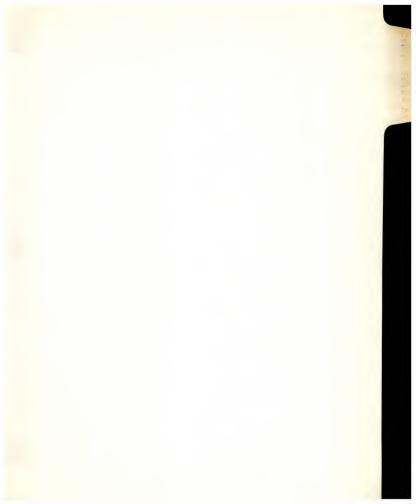
The 51 big game utilization transects on winter ranges have resulted in:

- Increased cooperation between B.L.M., Idaho Fish and Game Department, U. S. Forest Service, and Idaho Department of Public Lands.
- Recommendations from the B.L.M. to the Idaho Fish and Game Department on hunting seasons.
- Livestock grazing programs designed to enhance big game winter ranges.

At this time it appears that 13 additional transects will be necessary to have one transect per critical winter range area in the District.

Big game counts in February and March, 1971, showed location of additional new winter ranges on the public domain. Therefore, a substantial increase in numbers of deer and elk are shown on Form 6500-1 over last year.

The Sublett-Black Pine Deer Herd remains a problem with 2,000 to 3,000 deer migrating across I 80N each spring and fall. After two years of study by B. L. M. and the Idaho Fish and Game Department, definite recommendations to alleviate the problem are being drafted.



n 6500-1 y 1970) (formerly 6960-1)

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Idaho Falls District

Fiscal Year

WILDLIFE ANNUAL REPORT GENERAL STATISTICS

*	15 ca	•	1	ca	•
		1	9	71	

		GENE	RAL STAT		+3/1	1
	1. HABITAT CON	DITION	ACRES (	UNSATIS.	6. WILDLIFE SURVEYS	NUMBER
a.	Terrestrial (1) Big game		900	300	a. Use, condition and trend (transects)	12
-	(2) Small game		600	200	b. Stream and lake	-
-	(3) Waterfow1		2	2	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	
b.	Aquatic (1) Lakes	NUMBER	6		a. Terrestrial b. Aquatic	-
-	(2) Reservoirs		6	45	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	R
	(3) Stream (total miles)		100		a. Terrestrial	-
-	2. TERRESTRIA	LAND	ACRES	MILES	b. Aquatic	-
	AQUATIC HABITAT TO PUBLIC AC BY	CESS	OF HABITAT	OF STREAMS	9. HABITAT EXPENDITURES	DOLLARS
a	Closure of private	lands	22,964	81	a. Management	9,657
ь.	Lack of physical a	ccess	10,884	55	b. Development	-
-	TOTAL	, (a + b)	33,848	136	c. Maintenance	-
	3. WATE	RFOWL USE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	9,657
a	Impoundments		-		10. RECREATION (State O//ices complete)	VISITOR
b	Natural wetlands				a. Hunting (1) Big game	
	4. RARE AND END SPECIES	ANGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	
a	Rare		1	300	(3) Waterfowl	
ь	. Endangered		1		TOTAL (Hunting)	
-	5. WILDLIF	E PERSONNE	EL	NUMBER	b. Fishing	
	Biologists (CSC w	ildlife serie:	s-)	-	c. Nonconsumptive use	
Б	. Coordinators (train	ned or untrain ict coordinat		1	11. COMMERCIAL FISHING (lbs. barvested)	

emarks

	12. WIL	DLIFE POP	JLATIONS AN	D HARVEST FR	OM PUBLIC LA	NDS	
SPECIES		NUMBER		SPECIES		NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	3,500	35,000	370	SUBTOTAL (con't)	28,700	117,400	2,680
Bear Brown				Elk	•	5,600	. 20
Black				Moose	150	450	5
Buffalo				Mountain Goat			
Caribou				Mountain Lion	10		1
Deer	+		-	Peccary			
Black Tail				Bighorn Sheep			
White Tail	200	2,400	10	Turkey			
Mule	25,000	80,000	2,300	Wolf			
SUBTOTAL		117,400		GRAND TOTA	L 30,260	123,450	2,706
	20,700			AT IMPROVEM			
				(fice Completes)		COST	
•	ITEM		UNIT OF WORK	UNITS COM- PLETED	BUREAU	T	RIBUTED
<ul> <li>a. Wildlife food</li> <li>(1) Prescribe</li> </ul>	d burning		Acres		_		- 1
(2) Release : (3) Seeding a	spraying, chain	ing	Acres Acres				
(4) Waterfowl			Acres		······································		
(5) Fencing	maran		Miles				
	vater developme	ents	Number				
<ul> <li>b. Fishing streat</li> <li>(1) Channel streat</li> </ul>			Number				-
(2) Barrier re	moval		Number				
(3) Spawning			Rods				
(4) Bank stal	bilization		Rods				
(5) Fencing			Miles				
(6) Rough fis	sh removal		Miles	· · ·			
<ul> <li>c. Fishing lakes</li> <li>(1) Aquatic p</li> </ul>			Acres				
(2) Rough fis	h removal		Acres				-
(3) New fish	ing lakes		Acres				
	pools of water		Acre Ft.				
	areas, shelters	s, etc.	Number			-	
(6) Fencing			Miles				
				TOTAL			

# WILDLIFE ANNUAL REPORT ( FY 1971)

#### NARRATIVE

A wildfire burned approximately 13,999 acres of critical moose and elk winter habitat north of St. Anthony last year. Rehabilitation of this area included the planting of approximately 20,000 bitterbrush seedlings and the seeding of 400 lbs of bitterbrush seed. The rehabilitation was done in cooperation with the Idaho Fish and Game Department and the Boy Scouts of America.

Plans to modify existing water haul wells so that water will be available for wildlife was discussed with the Idaho Fish and Game Department. The modification of four wells on the big desert south of Big Southern Butte will probably be completed next year.

A meeting was held in Idaho Falls to discuss the BLM's new policy on predator control. Attending the meeting were personnel from BLM, Idaho Fish and Game, Bureau of Sports Fisheries and Wildlife, Atomic Energy Commission, State Land Department, SCS, County Agents, and members of the Advisory Board.

Last year's report listed the sandhill crane as rare, although it is not on the rare or endangered list. However, the bald eagle and prairie falcon are found in the Idaho Falls District.

The major problem concerning wildlife continues to be the lack of a full-time wildlife biologist. The present wildlife specialist also serves as Atea Manager and cannot devote enough time to wildlife habitat problems. m 6500-1 (July 1970) .(formerly 6960-1)

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#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Salmon District

Fiscal Year

1971

# WILDLIFE ANNUAL REPORT GENERAL STATISTICS

			ACRES (	1,000's)	6. WILDLIFE SURVEYS	NUMBER
	1. HABITAT COND	ITION	SAT IS.	UNSATIS.	6. WILDLIFE SURVETS	HUMBER
	Terrestrial (1) Big game				a. Use, condition and trend (transects)	49
	(I) Big game		775	500	b. Stream and lake	-
_	(2) Small game		1,000	130	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	
	(3) Waterfowl		2	_ ^ ^	a. Terrestrial	-
b.	Aquatic (1) Lakes	NUMBER			b. Aquatic	-
	(2) Reservoirs	2	80		8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	1.0
	(3) Stream (total mi		720	80	a. Terrestrial	4
-	2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED		ACRES	MILES	b. Aquatic	1
	TO PUBLIC ACC	ESS	OF HABITAT	OF	9. HABITAT EXPENDITURES	DOLLARS
<b>a</b> .	Closure of private 1	ands	62,400	35	a. Management	14,520
ь.	Lack of physical ac	cess	196,870	1	b. Development	17,500
_	TOTAL	(a + b)	259,270	36	c. Maintenance	-
	3. WATER	RFOWLUSE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	32,020
a.	Impoundments		100,	000	10. RECREATION (State Offices complete)	VISITOR DAYS
ь.	Natural wetlands		900,	000	a. Hunting (1) Big game	
	4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	
а.	Rare		-	-	(3) Waterfowl	
ь.	Endangered		-	-	TOTAL (Hunting)	
-	5. WILDLIF	E PERSONN	EL	NUMBER	b. Fishing	-
a	Biologists (CSC wi	ildlife serie	:s)	1	c. Nonconsumptive use	
1	Coordinators (train	ed or untra ct coordina		-	11. COMMERCIAL FISHING (lbs. barvested)	•

remarks

Sale .

Land

	12. WIL	DLIFE POP	ULATIONS AN	D HARVEST F	ROM PUBLIC LA	NDS	
SPECIES		NUMBER		SPECIES		NUMBER	
SFECIES	POPULATION	AMs	HARVEST	SFECIES	POPULATION	AMs	HARVEST
Antelope	5,000	40,000	547	SUBTOTAL (con't)	30,030	140,020	2,685
Bear Brown			-	Elk	2,000	4,600	3
Black	30	20	5	Moose	10	40	-
Buffalo	30	20		Mountain Goa	<sup>at</sup> 75	60	-
Caribou				Mountain Lic	<sup>on</sup> 100	600	10
				Peccary			
Deer Black Tail				Bighorn Shee	<b>P</b> 200	1,200	2
White Tail				Turkey			
Mule	25,000	100,000	2,133	Wolf			
SUBTOTAL	30,030	140,020	2,685	GRAND TOT	AL 32,415	146,520	2,703
				AT IMPROVE			
L			(Washington O	<i>[lice Complete.</i>	s)	COST	
)	ITEM		UNIT OF WORK	UNITS COM- PLETED	BUREAU		TRIBUTED
a. Wildlife food a (1) Prescribe			Acres				-
(2) Release s	praying, chain	ing	Acres				
(3) Seeding a	nd planting		Acres				
(4) Waterfowl	marsh		Acres		-		
(5) Fencing		,	Miles				
(6) Wildlife w	ater developm	ents	Number				
<ul> <li>b. Fishing stream (1) Channel stream</li> </ul>		-	Number	÷			-
(2) Barrier re	moval		Number	AND ADDRESS TAXABLE ADDRESS	A B C B C P C C C C C C C C C C C C C C C		
(3) Spawning			Rods				
(4) Bank stab			Rods				
(5) Fencing			Miles				
(6) Rough fis	h removal		Miles				
		,	Acres				
c. Fishing lakes	lant control		Acres				
<ul> <li>c. Fishing lakes</li> <li>(1) Aquatic p</li> <li>(2) Rough fis</li> </ul>	lant control h removal						
<ul> <li>Fishing lakes</li> <li>(1) Aquatic p</li> </ul>	lant control h removal ng lakes		Acres				
<ul> <li>c. Fishing lakes <ul> <li>(1) Aquatic p</li> </ul> </li> <li>(2) Rough fis <ul> <li>(3) New fishi</li> <li>(4) Minimum p</li> </ul> </li> </ul>	lant control h removal ng lakes		Acres Acres				

# ANNUAL WILDLIFE REPORT NARRATIVE FY 1971

#### A. Habitat Management

Habitat improvement work continues on the Morgan Creek and East Fork of the Salmon River Bighorn Sheep ranges. In the Spring of 1972, we should begin a system of rest-rotation grazing that will be of great benefit to wildlife, watershed and livestock. In fiscal year 1971, we have sprayed sagebrush, chained sagebrush, developed springs and constructed fences to implement the habitat management plan.

The Salmon District has continued and expanded it's cooperative big game habitat and population studies with the Idaho Fish and Game Department and the U. S. Forest Service.

The Salmon District has initiated a program of big game winter range mapping in conjunction with the Idaho Fish & Game Department's winter trend counts.

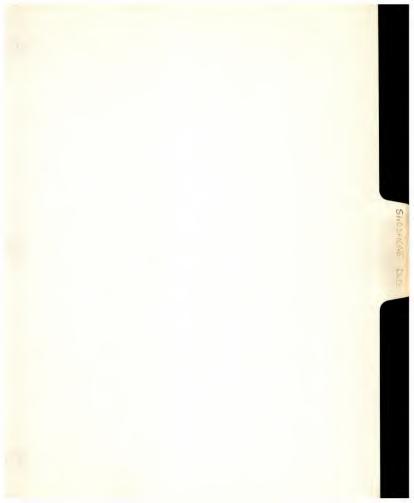
The Salmon District has participated in a sage grouse trapping and tagging program with the Idaho Fish and Game Department and the U. S. Forest Service to study bird migration and map key habitat in the Big Lost River drainage.

The Salmon District has cooperated with the Idaho Fish and Game Department in testing fish habitat improvement structures on Birch Creek and Summit Creek.

The Salmon District personnel have continued their work on the Willow Creek Summit mountain mahogany stands.

### B. Animal Damage

Kill verification information is being gathered from the Division of Wildlife Services as a tool to properly manage the predator control program.



Form 6500-1 (July 1970) (formerly 6960-1)

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#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Shoshone District

Fiscal Year

# WILDLIFE ANNUAL REPORT GENERAL STATISTICS

·	GENE	RAL STATI	STICS		1971	
1. HABITAT CONDIT	TION	ACRES (		6. WILDLIFE	SURVEYS	NUMBER
		SAT IS.	UNSATIS.			
a. Terrestrial (1) Big game		670	1,146	a. Use, condition and	trend (transects)	8
(2) Small game		235	1,783	7. HABITAT MAN	AGEMENT PLANS	
(3) Waterfowl		13		a. Terrestrial	species)	
b. Aquatic (1) Lakes	NUMBER	1	• •	b. Aquatic		-
(2) Reservoirs		13		8. HABITAT DEVEL (Completed	OPMENT PROJECTS or contracted)	
(3) Stream (total mile	es)	130	26 <sup>°</sup>	a. Terrestrial		10
2. TERRESTRIAL	AND OCKED	ACRES	MILES	b. Aquatic	-	· -
TO PUBLIC ACCE	SS	HABITAT	STREAMS	9. HABITAT E	XPENDITURES	DOLLARS
Closure of private la	nds	19,700	112	a. Management		4,140
b. Lack of physical acc	ess	1,467,000	35	b. Development		300
TOTAL (	a + b)	1,486,700	147	c. Maintenance	-	
3. WATER	FOWL USE	- BIRD	-DAYS	TOTAL (Habitat	Expenditures)	4,440
a. Impoundments		2,979,0	000	· 10. REC (State Offic	REATION es complete)	VISITOR DAYS
b. Natural wetlands		757,8	300	a. Hunting (1) Big game		
4. RARE AND ENDAM SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game		
a. Rare		-	-	(3) Waterfowl		
b. Endangered		-	-	1	<b>COTAL</b> (Hunting)	
5. WILDLIFE	PERSONN	EL	NUMBER	b. Fishing		
a. Biologists (CSC will	dlife serie	s)	1	c. Nonconsumptive	use	
b. Coordinators (trained	d or untrai coordinat		1	11. COMMERCIAL F	ISHING (lbs. harvested)	

Remarks

		NUMBER				NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	500	5,400	155	SUBTOTAL (con't)			
Bear Brown				Elk	900	1,272	53
Black	25		1	Moose			
Buffalo				Mountain Goat			
Caribou				Mountain Lion			
Deer				Peccary			
Black Tail				Bighorn Sheep			
White Tail				Turkey			
Mule	9,010	8,850	900	Wolf			
SUBTOTAL	9.535	14.250	1,056	GRAND TOTAL	10,455	15,522	1,109
				TAT IMPROVEME {{ice Completes}	NTS		
		1	UNIT	UNITS		COST	
	ITEM	=	OF WORK	COM- PLETED	BUREAU	CON	TRIBUTED
<ul> <li>a. Wildlife food</li> <li>(1) Prescribe</li> </ul>			Acres				
	spraying, chain	ing	Acres	-			
(3) Seeding a			Acres				
(4) Waterfow	l marsh		Acres				
(5) Fencing			Miles				
		ante l	Number		-		·
<ul> <li>(6) Wildlife</li> <li>b. Fishing streat</li> <li>(1) Channel</li> </ul>	ms	ents	Number Number				
b. Fishing strea	ms structures	ents					-
b. Fishing strea (1) Channel (2) Barrier re (3) Spawning	ms structures emoval ; areas	ents	Number Number Rods				
<ul> <li>b. Fishing streat (1) Channel</li> <li>(2) Barrier ref (3) Spawning (4) Bank sta</li> </ul>	ms structures emoval ; areas bilization		Number Number Rods Rods				
<ul> <li>b. Fishing streat</li> <li>(1) Channel</li> <li>(2) Barrier ref</li> <li>(3) Spawning</li> <li>(4) Bank state</li> <li>(5) Fencing</li> </ul>	ms structures emoval areas bilization	ents	Number Number Rods Rods Miles				
<ul> <li>b. Fishing streat (1) Channel</li> <li>(2) Barrier ref (3) Spawning (4) Bank sta</li> </ul>	ms structures emoval areas bilization		Number Number Rods Rods				
<ul> <li>b. Fishing stread</li> <li>(1) Channel</li> <li>(2) Barrier red</li> <li>(3) Spawning</li> <li>(4) Bank stade</li> <li>(5) Fencing</li> <li>(6) Rough fits</li> <li>c. Fishing lakes</li> <li>(1) Aquatic particular</li> </ul>	mS structures emoval jareas bilization sh removal s and reservoirs plant control		Number Number Rods Miles Miles Acres				
<ul> <li>b. Fishing stread</li> <li>(1) Channel</li> <li>(2) Barrier re</li> <li>(3) Spawning</li> <li>(4) Bank sta</li> <li>(5) Fencing</li> <li>(6) Rough fis</li> <li>c. Fishing lakes</li> <li>(1) Aquatic p</li> <li>(2) Rough fis</li> </ul>	ms structures moval ; areas bilization sh removal s and reservoirs plant control sh removal		Number Number Rods Miles Miles Acres Acres				
<ul> <li>b. Fishing stread</li> <li>(1) Channel</li> <li>(2) Barrier red</li> <li>(3) Spawning</li> <li>(4) Bank sta</li> <li>(5) Fencing</li> <li>(6) Rough fit</li> <li>(6) Rough fit</li> <li>(2) Rough fit</li> <li>(3) New fish</li> </ul>	ms structures areas bilization sh removal s and reservoirs plant control sh removal ing lakes		Number Number Rods Miles Miles Acres Acres Acres				
<ul> <li>b. Fishing streaged (1) Channel</li> <li>(2) Barrier re</li> <li>(3) Spawning</li> <li>(4) Bank sta</li> <li>(5) Fencing</li> <li>(6) Rough fis</li> <li>(7) Aquatic p</li> <li>(2) Rough fis</li> <li>(3) New fish</li> <li>(4) Minimum</li> </ul>	ms structures emoval areas bilization sh removal s and reservoirs plant control sh removal ing lakes pools of water		Number Number Rods Rods Miles Acres Acres Acres Acres Acre Ft.				
<ul> <li>b. Fishing streaged (1) Channel</li> <li>(2) Barrier re</li> <li>(3) Spawning</li> <li>(4) Bank sta</li> <li>(5) Fencing</li> <li>(6) Rough fis</li> <li>(7) Aquatic p</li> <li>(2) Rough fis</li> <li>(3) New fish</li> <li>(4) Minimum</li> </ul>	ms structures areas bilization sh removal s and reservoirs plant control sh removal ing lakes		Number Number Rods Miles Miles Acres Acres Acres				

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WILDLIFE ANNUAL REPORT Shoshone District Office F.Y 1971

#### NARRATIVE SUPPLEMENT

# A. Babitat Management

The habitat improvement work completed during the last fiscal year concerned itself only with maintaining the few projects which have been developed in previous years. Although no wildlife projects per se have been completed, wildlife habitat improvements were considered in the development and/or completion of the range improvement projects and allotment management plans that were done this past year.

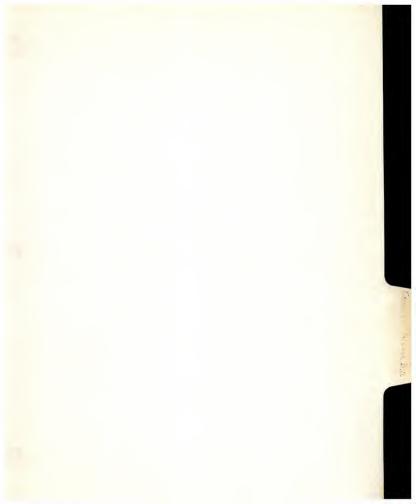
At all times all agencies concerned with wildlife management were contacted and suggestions were requested when it was evident that our management would have some affect on wildlife. The rapport this office has with other agencies, especially the State Fish and Game Department, is considered excellent.

#### B. Animal Damage

This office has received no animal damage complaints during the last year, with the exception of isolated areas where either coyotoes and/or bears have caused noticeable sheep losses.

# C. Wildlife Statistics

The figures concerned with population numbers have not been changed from the 1970 annual report, with the exception of AVs concerning antelope. It is felt that lest year's figure was in error, considering that practically all of their time is spent on public domain. This year's figure is thought to be much more representative of the antelope animal months spent on public domain.



Form 6500-1 (July 1970) (formerly 6960-1)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Coeur d'Alene District

Fiscal Year 1971

WILDLIFE	ANNUAL	REPORT
GENER	AL STAT	ISTICS

'		GENE	RAL STATI	STICS	1571	
-	1. HABITAT CONDI	TION	ACRES (		6. WILDLIFE SURVEYS	NUMBER
_	I. HABITAT CONDI	TION	SATIS	UNSATIS.		
	Terrestrial (1) Big game		220	20	a. Use, condition and trend (transects) 2	-
	(2) Small game		160	10 .	b. Stream and lake 7. HABITAT MANAGEMENT PLANS	2
	(3) Waterfowl		-	-	(Wildlife Species)	6
		NUMBER		2.1	a. Terrestrial	-
b.	Aquatic (1) Lakes 1	13	126	8	b. Aquatic	-
	(2) Reservoirs		-	-	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
	(3) Stream (total mi	les)	167	11	a. Terrestrial	-
-	2. TERRESTRIAL AQUATIC HABITAT B	AND	ACRES	MILES	b. Aquatic	-
	TO PUBLIC ACC	ESS	HABITAT	STREAMS	9. HABITAT EXPENDITURES	DOLLARS
а.	Closure of private la	ands	116,908	86	a. Management	-
D.	Lack of physical ac	cess	33,000	19	b. Development	-
pr.	TOTAL	(a + b)	149,908	105	c. Maintenance	- /
_	3. WATER	FOWLUSE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	-
a.	Impoundments		. 0		10. RECREATION (State Offices complete)	VISITOR DAYS
b.	Natural wetlands		160,000	)	a. Hunting	
	4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game	
a.	Rare		0	0	(3) Waterfow1	
b.	Endangered		1	150	TOTAL (Hunting)	
-	5. WILDLIFE	E PERSONN	EL	NUMBER	b. Fishing	
a.	Biologists (CSC wi	ldlife serie	s)	1	c. Nonconsumptive use	
b.	Coordinators (traine distric	ed or untrai		-	11. COMMERCIAL FISHING (lbs. harvested)	

Remarks BLM manages only 2-3/4 mi. of shoreline along the 124,800 acres of Pend Orielle

2<sub>Although no transects have been established during the fiscal year, range occula reconnaissance surveys were completed on approximately 20,000 acres.</sub>

		NUMBER				NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	-			SUBTOTAL (con't)	10,300	50,300	305
Bear Brown				Elk	3,000	6,000	156
Black	300	300	15	Moose	10	10	0
Buffalo		500	15	Mountain Goat			
				Mountain Lion			
Caribou				Peccary			
Deer Black Tail				Bighorn Sheep			
White Tail	6,000	30,000	150	Turkey			
Mule		20,000	140	Wolf			
SUBTOTAL	4,000	50,300	305	GRAND TOTAL	13,310	56,300	461
	10,500			AT IMPROVEMEN	NTS		
			(Washington O	(fice Completes)		2022	
	ITEM		UNIT	UNITS COM-		COST	
			OF	PLETED	BUREAU	CONT	RIBUTED
a. Wildlife food (1) Prescribe			WORK	PLETED	BUREAU	CONT	RIBUTED
(1) Prescribe		ning	,	PLETED	BUREAU	. CONT	RIBUTED
<ul> <li>(1) Prescribe</li> <li>(2) Release</li> <li>(3) Seeding a</li> </ul>	ed burning spraying, chair and planting	ning	Acres Acres Acres	PLETED	BUREAU	. CONT	RIBUTED
<ul> <li>(1) Prescribe</li> <li>(2) Release</li> <li>(3) Seeding a</li> <li>(4) Waterfow</li> </ul>	ed burning spraying, chair and planting	ning	Acres Acres Acres Acres	PLETED	BUREAU	. CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding a</li> <li>Waterfow</li> <li>Fencing</li> </ol>	ed burning spraying, chair and planting 1 marsh		Acres Acres Acres Acres Miles	PLETED	BUREAU	. CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding a</li> <li>Waterfow</li> <li>Fencing</li> </ol>	ed burning spraying, chair and planting		Acres Acres Acres Acres	PLETED	BUREAU	CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding a</li> <li>Waterfow</li> <li>Fencing</li> <li>Wildlife y</li> </ol>	ed burning spraying, chair and planting 1 marsh water developm .ms		Acres Acres Acres Acres Miles	PLETED	BUREAU	. CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding a</li> <li>Waterfow</li> <li>Fencing</li> <li>Wildlife w</li> <li>Fishing stream</li> </ol>	ed burning spraying, chair and planting l marsh water developm .ms structures		Acres Acres Acres Acres Miles Number	PLETED	BUREAU	. CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding a</li> <li>Seeding a</li> <li>Waterfow</li> <li>Fencing</li> <li>Wildlife w</li> <li>Fishing stread</li> <li>Channel a</li> </ol>	ed burning spraying, chair and planting 1 marsh water developm ms structures emoval		Acres Acres Acres Acres Miles Number Number	PLETED	BUREAU	. CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding a:</li> <li>Seeding a:</li> <li>Fencing</li> <li>Fishing streat</li> <li>Channel :</li> <li>Barrier re</li> <li>Spawning</li> <li>Bank sta</li> </ol>	ed burning spraying, chair and planting 1 marsh water developm ms structures emoval areas		Acres Acres Acres Miles Number Number Number Rods Rods		BUREAU	. CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding ;</li> <li>Waterfow</li> <li>Fencing</li> <li>Fishing stread</li> <li>Channel :</li> <li>Barrier re</li> <li>Spawning (H) Bank stat</li> <li>Fencing</li> </ol>	ed burning spraying, chair and planting I marsh water developm ms structures emoval areas bilization		Acres Acres Acres Miles Number Number Rods Rods Miles	PLETED	BUREAU	. CONT	, ,
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding a:</li> <li>Seeding a:</li> <li>Fencing</li> <li>Fishing streat</li> <li>Channel :</li> <li>Barrier re</li> <li>Spawning</li> <li>Bank sta</li> </ol>	ed burning spraying, chair and planting I marsh water developm ms structures emoval areas bilization		Acres Acres Acres Miles Number Number Number Rods Rods	PLETED	BUREAU	. CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding :</li> <li>Seeding :</li> <li>Widlife :</li> <li>Fishing stread</li> <li>Fishing stread</li> <li>Canarel :</li> <li>Barrier rr</li> <li>Spawning</li> <li>Bank sta</li> <li>Fencing :</li> <li>Rencing :</li> <li>Rencing :</li> <li>Rough fis</li> </ol>	ed burning spraying, chair and planting I marsh water developm ms structures emoval areas bilization sh removal a and reservoirs	ents	Acres Acres Acres Miles Number Number Rods Rods Miles	PLETED	BUREAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding :</li> <li>(4) Waterfow</li> <li>(5) Fencing :</li> <li>(6) Wildlife (1)</li> <li>(6) Wildlife (1)</li> <li>(1) Channel :</li> <li>(2) Barrier rr</li> <li>(3) Spawing (4)</li> <li>Bank stat</li> <li>(5) Fencing (6) Rough fit</li> <li>(6) Rough fit</li> <li>(6) Rough fit</li> <li>(7) Fishing lakes</li> </ol>	ed burning spraying, chair and planting I marsh water developm ms structures moval areas bilization sh removal s and reservoirr plant control	ents	Acres Acres Acres Acres Miles Number Number Rods Rods Miles Miles		BUREAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding :</li> <li>Seeding :</li> <li>Waterfow</li> <li>Fencing</li> <li>Fencing</li> <li>Wildlife V.</li> <li>Fishing stread</li> <li>Channel :</li> <li>Barrier rr</li> <li>Bank sta</li> <li>Fencing</li> <li>Bank sta</li> <li>Fencing</li> <li>Constraints</li> <li>Fencing</li> <li>Fencing</li> <li>Constraints</li> <li>Fencing</li> <li>Adark sta</li> <li>Fencing</li> <li>Fencing</li> <li>Fencing</li> <li>Fencing</li> <li>Fencing</li> <li>Fencing</li> <li>Fishing lakes</li> <li>Aquatic p</li> </ol>	ed burning spraying, chair and planting I marsh water developm ms structures emoval areas bilization sh removal as and reservoirs lant control	ents	Acres Acres Acres Acres Miles Number Number Number Rods Rods Miles Miles Acres		BUREAU		RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Release</li> <li>Seeding :</li> <li>Waterfow</li> <li>Fencing :</li> <li>Waiterfow</li> <li>Fishing stread</li> <li>Channel :</li> <li>Pishing stread</li> <li>Channel :</li> <li>Barrier rr</li> <li>Barrier rr</li> <li>Spawning</li> <li>Bank stat</li> <li>Fencing</li> <li>Bank stat</li> <li>Fencing</li> <li>Rough fis</li> <li>Fishing lake:</li> <li>Aquatic p</li> <li>Rough fis</li> <li>Rough fis</li> <li>Aquatic p</li> <li>Rough fis</li> <li>New fish</li> </ol>	ed burning spraying, chair and planting I marsh water developm ms structures emoval areas bilization sh removal as and reservoirs lant control	ents	Acres Acres Acres Acres Miles Number Number Rods Rods Miles Miles Acres Acres		BUREAU	. CONT	RIBUTED
<ol> <li>Prescribe</li> <li>Release</li> <li>Seeding 2:</li> <li>Seeding 2:</li> <li>Seeding 2:</li> <li>Waterfow</li> <li>Fencing</li> <li>Wildlife V.</li> <li>Fishing streat</li> <li>Channel 1:</li> <li>Barrier rd</li> <li>Spawning</li> <li>Bank stat</li> <li>Fencing</li> <li>Rough fis</li> <li>Row fish</li> <li>New fish</li> <li>New fish</li> <li>Mainmum</li> </ol>	ed burning spraying, chair and planting i marsh water developm ms structures emoval areas bilization sh removal sh removal sh removal sh removal sh removal	ents	Acres Acres Acres Acres Miles Number Number Number Rods Miles Miles Miles Acres Acres Acres		BUREAU		RIBUTED

Coeur d'A

# NARRATIVE FOR THE F.Y. 1974

#### WILDLIFE ANNUAL REPORT

#### A. Habitat Management

The District Wildlife Extensive Inventory was completed dur fiscal year. This inventory involved cooperative efforts • Regional Fish and Game Officers and seventeen Fish and Game Officers.

Assistance was extended to the Idaho Fish and Game Departme the annual Spring Big Game aerial census.

Fishery habitat surveys were made on two high mountain lak. the fiscal year.

#### B. Animal Damage

Other than the annual porcupine damage to recreation site : boxes, no animal damage occurred during the fiscal year.

No predator control programs are currently being carried on. District Land.

#### C. Wildlife Statistics

No significant changes in statistical information have occ the fiscal year. The slight change in Small Game Habitat is a result of the information gained from the Wildlife Ex-Inventory. The change in recreation visitor days is due t information that was compiled in the District Economic Sur-

# D. Other Problems

The District Wildlife Extensive Inventory pointed out some areas where followup action is required. We are now in the of analysing these areas more intensively to determine actconditions. All in all, the inventory showed the ELM law District is in pretty good condition concerning wildlife



N REPLY REFER TO:

MT

3: 6960.1



# UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

STATE OFFICE 316 NORTH 26TH STREET BILLINGS, MONTANA 59101

AUG 30 1971

Memorandum Director (360) To:

State Director - Montana From:

Subject: Wildlife Annual Report - FY 1971

In conformance with BLM 6501, the subject report for Montana is enclosed. The report includes the following:

Form 6500-1	Montana
Form 6500-1	South Dakota
Form 6500-1	North Dakota
Attach, 1	Montana recreation calculations
Form 6500-1	and narratives for:

Malta Miles City Lewistown Missoula

Pencil changes on district forms were made by this office after consultation with district personnel.

Again we suggest that acres be reported uniformly as acres; the (1,000's) of acres asked for in categories "a" and "b" caused some confusion.

We also suggest that you consider a winter due date for this report; August hits us right in the middle of field season.

Harold C Lynd ACTING

Enclosures

# Attachment No. 1 Wildlife Annual Report Montana FY 1971

# Item 10-Recreation

Species	Hunter <sup>1/</sup> Afield	Days <u>2</u> / Hunters	Visitor Days	% BLM <sup>3/</sup> (Pop.on BLMO	VD's- BLM
Deer	136,903	3.0	410,709		
Mule	106,785 (78%*)	3.0	320,355	15%	48,053
W. Tail	30,118 (22%)	3.0	90,354	47.	3,614
Elk	77,819	.5.0	389,095	15%	58,364
Bear	7,204	5.0	36,020	5%	1,801
Antelope	23,014	2.0	46,028	45%	20,713
Moose	670	5.0	3,350	30%	1,005
Sheep	506	10.0	5,060	25%	1,265
Goat	804	5.0	4,020	15%	603
				Total	135,418
Upland Birds	50,842	5.9	299,967	25%	74,992
Small Game & Varmits	Unknown			-	

MONTANA 1970-71 Hunting Season

1/ From Montana Fish and Game 1970 questionnaire.

2/ Montana Fish: and Game estimate from previous studies, "day" defined as "day" in questionnaire.

3/ From Montana Fish and Game report to PLLRC; reported as percent of population occurring on Federal lands (winter).

\* Apportioned from kill data.

Form 6500-1 (July 1970) Cormerly 6960-1)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Fiscal Year

Montana

			E ANNUAL	DEDODT			Fiscal Year	
			RAL STATI				1971	
	1. HABITAT COND	ITION	ACRES (	1,000's) UNSATIS.		6. WILDLIFE	SURVEYS	NUMBER
a.	Terrestrial (1) Big game				a. Use, condition and trend (transects)			241
_			4,073	2,648	ъ. 5	tream and lake		6
_	(2) Small game		2,417	1,345		7. HABITAT MAN		3
	(3) Waterfow1		43	8.8	-	(#nanje Ferrestrial	Species)	1.
ь.	Aquatic	NUMBER		1.	a	renestrial		4
	(1) Lakes	12	8.1	1	b. /	Aquatic		2
	(2) Reservoirs	5,410	162.6	23	8.		OPMENT PROJECTS or contracted)	in a
	(3) Stream (total mi	les)	1,445	275	a. 1	l'errestrial		6
_	2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		2. TERRESTRIAL AND JATIC HABITAT BLOCKED TO PUBLIC ACCESS HABITAT		b. /	Aquatic	0	
						9. HABITAT E	XPENDITURES	DOLLARS
_	Closure of private la	ands	458,000	45	a. l	Management		34,373
b.	Lack of physical ac	cess	1,244,000	38	b. 1	Development		2,625
-	TOTAL	(a + b)	.702,000	83	c. 1	Maintenance		296
-	3. WATER	FOWL USE	BIRD	-DAYS		TOTAL (Habitat	Expenditures)	37,294
a.	Impoundments		5,233,	700	Γ	10. RECI (State Offic	REATION es complete)	VISITOR DAYS
ь.	Natural wetlands					Hunting (1) Big game	·	125 (00
	4. RARE AND ENDANGERED SPECIES		NO. OF SPECIES	ACRES OF HABITAT		(2) Small game		135,400
a.	. Rare		17	225,600		(3) Waterfowl		10,400
b.	Endangered		17	225,600		Т	OTAL (Hunting)	220,400
-	5. WILDLIFE	PERSONN		NUMBER	b.	Fishing		234,000
a.	Biologists (CSC with	ldlife serie	s)	.3	c.	Nonconsumptive	ise	20,000
ь.	Coordinators (traine distric	d or untrais t coordinat		3	11.	COMMERCIAL FI	SHING (lbs. barvested)	None

Remarks

•

		NUMBER		SPECIES		NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	35,660	295,680	6,530	SUBTOTAL (con't)	161,037	1,533,449	29,333
Bear Brown				Elk	5,000	14,150	585
Black	677	6,069	102	Moose	150	700	12
Buffalo	6//	0,009		Mountain Goat	250	2,510	30
Caribou		*		Mountain Lion	10	20	
				Peccary			-
Deer Black Tail				Bighorn Sheep	454	2,700	23
White Tail	31,400	326,500	: 4,650	Turkey	790	5,320	75
Mule	93,300	905,200	18,050	Wolf	2	2	C
SUBTOTAL	161,037	1,533,449		GRAND TOTA	1107,004	1,558,751	30,058
				TAT IMPROVEN			
			UNIT	UNITS		COST	
	ITEM		OF	COM- PLETED	BUREAU	CONT	RIBUTED
a. Wildlife food (1) Prescrib			Acres				-
	spraying, chair	ing	Acres				
	and planting		Acres				
(4) Waterfow			Acres Miles				
(5) Fencing (6) Wildlife	water developm	onte	Number				
b. Fishing stres (1) Channel	ams	ents	Number				
(2) Barrier	emoval		Number				
(3) Spawnin			Rods				
(4) Bank sta			Rods	1	······		
(5) Fencing			Miles				
(6) Rough fi			Miles				
<ul><li>c. Fishing lake</li><li>(1) Aquatic</li></ul>	es and reservoir plant control	s	Acres				
(2) Rough fi			Acres				
(3) New fish			Acres				
	n pools of water		Acre Ft.				
	g areas, shelte	rs, etc.	Number Miles				

# 12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

GPO 859 - 492



Form	6500-1
	1970)
	Jerly 6960-1)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT WILDLIFE ANNUAL REPORT

GENERAL STATISTICS

Office Miles City Montana

Fiscal Year

# 1971

			and a second sec			
	1. HABITAT COND	TION	ACRES (	1,000's) UNSATIS	6. WILDLIFE SURVEYS	NUMBER
a.	Terrestrial				a. Use, condition and trend (transects)	30
_	(1) Big game		1,400	1,100	b. Stream and lake	0
_	(2) Small game		1,300	1,000	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	
	(3) Waterfowl		2	2	a. Terrestrial	0
b.	Aquatic	NUMBER				
	(1) Lakes	0	0	0	b. Aquatic	0
_	(2) Reservoirs	1,650	5	1	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
_	(3) Stream (total mi	les)	20	15	a. Terrestrial	0
	2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED		ACRES	MILES	b. Aquatic	0
	TO PUBLIC ACC	BLOCKED OF OF CESS HABITAT STREAMS 9. HABITAT EXPENDITURES		DOLLARS		
+ 4	losure of private l	ands	400,000	00 15 a. Management		
ь.	Lack of physical ac	Lack of physical access		10	b. Development	
	TOTAL	(a + b)	1,600,000	25	c. Maintenance	
-	3. WATER	FOWL USE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	
a	Impoundments		950	,000	10. RECREATION (State O//ices complete)	VISITOR DAYS
b	. Natural wetlands			0	a. Hunting (1) Big game	28,600
	4. RARE AND ENDA	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	18,000
a	Rare			0	(3) Waterfowl	1,000
ь	. Endangered			Unknown	TOTAL (Hunting)	47,600
-	5. WILDLIF	E PERSONN	IEL	NUMBER	b. Fishing	10,000
8	Biologists (CSC w	ildlife serie	es)	1	c. Nonconsumptive use	6,000
Б	. Coordinators (train	ed or unita		0	11. COMMERCIAL FISHING (lbs. barvested)	

arks

app of the		NUMBER		SPECIES		NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	9,000	108,000	2,700	SUBTOTAL (con't)	57,000	684,000	10,700
Bear Brown				Elk			
Black				Moose			
Buffalo				Mountain Goat			
Caribou				Mountain Lion			
				Peccary			
Deer Black Tail				Bighorn Sheep	50	300	2
White Tail	12,000	144,000	2,000	Turkey	500	3,500	50
Mule	36,000	432,000	6,000	Wolf		-	
SUBTOTAL	57,000	684,000	10,700	GRAND TOTA	57,550	687,800	10,752
				TAT IMPROVEM //ice Completes			
			UNIT	UNITS		COST	
	ITEM		OF WORK	COM- PLETED	BUREAU	CON	TRIBUTED
a. Wildlife food (1) Prescrib			Acres		-		- 1
	spraying, chair	ning	Acres				
(3) Seeding			Acres				
(4) Waterfow	1 marsh		Acres Miles				
(5) Fencing (6) Wildlife	water developm	ents	Number				
b. Fishing stre (1) Channel	ams		Number				
(2) Barrier			Number				
(3) Spawnin		-	Rods			-	
(4) Bank sta			Rods				
(5) Fencing			Miles Miles				
(6) Rough fi			annes				
eFishing lake (1) Aquatic	s and reservoir plant control	s	Acres			-	
(2) Rough f	ish removal		Acres				
(3) New fis			Acres				
(4) Minimum	pools of water		Acre Ft.				
	g areas, shelte	rs. etc.	Number				
(5) Spawnin							
(5) Spawnin (6) Fencing			Miles				

12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

GPO 859 - 492

1 4.

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DATE:

August 5, 1971

6960.1

# A. Habitat Management

Much of the effort during FY 1971 was directed toward the planning system. The URA-MFP program seems to be the best way of assuring that wildlife habitat management is given the proper consideration in the development of activity plans.

# B. Animal Damage

There have been several complaints received concerning prairie dogs damaging livestock forage. All of these were investigated, and it was determined that the damage was not significant and did not warrant a control program.

There was one report of beaver damage to woody vegetation around a stockwater reservoir. This problem ended when the beaver was trapped and moved.

Predatory animals are continuing to be controlled by the Bureau of Sport Fisheries and Wildlife but on a program reduced from previous vears.

# C. Wildlife Statistics

All of the changes in data presented are a result of better information. Generally, there has been no actual change in existing conditions.

no Fields Acting

Attachments



Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

Form 6500-1 (July 1970) rmerly 6960-1) .

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office Miles City

1071

South Dakota Fiscal Year

WILDLIFE ANNUAL REPORT

	OLITE	INAL STAT	51105	19/1	
1. HABITAT COND	ITION	ACRES SATIS.	(1,000's) UNSATIS	6. WILDLIFE SURVEYS	NUMBER
		125	125	a. Use, condition and trend ( <i>transects</i> )	6
(2) Small game		150	60		0
(3) Waterfow1		,		(Wildlife Species)	
	NUMBER	1	1	a. Terrestrial	0
Aquatic (1) Lakes	0			b. Aquatic	0
(2) Reservoirs	100			8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted).	
(3) Stream (total mi	les)	2	2	a. Terrestrial	0
2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		ACRES	MILES	b. Aquatic	0
		TO PUBLIC ACCESS HABITAT		9. HABITAT EXPENDITURES	DOLLARS
Closure of private lands		10,000		a. Management	
Lack of physical ac	cess	75,000	2	b. Development	
TOTAL	(a + b)	85,000	2	c. Maintenance	
3. WATER	FOWL USE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	
Impoundments		10	0,000	10. RECREATION (State O/fices complete)	VISITOR DAYS
Natural wetlands				a. Hunting	
4. RARE AND ENDANGERED SPECIES		NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game	3,000
Rare				(3) Waterfowl	200
Endangered		1	Unknown	TOTAL (Hunting)	5,200
5. WILDLIFE	E PERSONN	EL	NUMBER	b. Fishing	400
Biologists (CSC wi	ldlife serie	s)		c. Nonconsumptive use	8,000
				11. COMMERCIAL FISHING (lbs. barvested)	
	Terrestrial (1) Big game (2) Small game (3) Waterfowl Aquatic (1) Lakes (2) Reservoirs (3) Stream (total minimum) 2. TERRESTRIAL AQUATIC HABITAT E BY Closure of private l Lack of physical ac TOTAL 3. WATEF Impoundments Natural wetlands 4. RARE AND ENDA SPECIES Rare Endan gered 5. WILDLIFF Biologists (CSC win Coordinators (trained)		I. HABITAT CONDITION     ACRES I SATE.       Terrestrial (1) Big game     125       (2) Small game     125       (3) Waterfowl     1       Aquatic     NUMBER       (1) Lakes     0       (2) Reservoirs     100       (3) Stream (total miles)     2       2. TERRESTRIAL AND TO PUBLIC ACCESS     ACRES OF HABITAT BLOCKES       2. TERRESTRIAL AND TO PUBLIC ACCESS     ACRES OF HABITAT       10. NOUTO HABITAT BLOCKESS     75,000       TOTAL (a + b)     85,000       3. WATERFOWL USE     BIRT       Impoundments     100       Natural wetlands     NO. OF SPECIES       Rare     NO. OF	Image: SATE     UNNATE       (1) Big game     125     125       (2) Small game     150     60       (3) Waterfowl     1     1       Aquatic     NUMBER     1     1       (1) Lakes     0     1     1       (2) Reservoirs     100     1     1       (3) Stream (total miles)     2     2       (3) Stream (total miles)     2     2       (2) TERRESTRIAL AND AQUATIC HARDITAT BLOCKED TO PUBLIC ACCESS     ACRES OF HABITAT       2. TERRESTRIAL AND AQUATIC HARDITAT BLOCKED TO PUBLIC ACCESS     75,000     2       2. TOTAL (a + b)     85,000     2       3. WATERFOWL USE     BIRD-DAYS       Impoundments     100,000       Natural wetlands     100,000       Natural wetlands     100,000       Rare     NO. OF SPECIES       Endangered     1     Unknown       5. WILDLIFE PERSONNEL     NUMBER       Biologists (CSC wildlife series)     Coordinators (trained or w: trained	ACRES (1,000's) SATE.       C.RES (1,000's) SATE.       6. WILDLIFE SURVEYS         Terrestrial       10 Big game       125       125         (2) Small game       150       60       5. Stream and lake         (3) Waterfowl       1       1       a. Use, condition and trend (transects)         (3) Waterfowl       1       1       a. Terrestrial         (1) Lakes       0

Remarks

SPECIES		NUMBER		SPECIES		NUMBER			
SPECIES	POPULATION	AMs	HARVEST	SFECES	POPULATION	AMs	HARVES		
telope	2,200	26,400	550	SUBTOTAL (con't)	3,800	45,600	975		
Bear Brown				Elk					
Black				Moose					
Buffalo			1	Mountain Goat					
Caribou				Mountain Lion					
Deer Black Tail			÷ _	Peccary Bighorn Sheep					
						1 0 00			
White Tail	500	6,000		Turkey	85	1,020	1		
Mule	1,100	13,200	275	Wolf					
SUBTOTAL	3,800	45,600	975	GRAND TOTAL	3,885	46,620	99		
			UNIT	(fice Completes)		COST			
	ITEM		OF WORK	COM- PLETED	BUREAU	CONT	TRIBUTED		
a. Wildlife food (1) Prescribe			Acres			-			
	spraying, chaini	ng	Acres						
(3) Seeding a			Acres						
(4) Waterfow	l marsh	-	Acres						
-(5) Fencing		-	Miles						
(6) Wildlife	water developme	ents	Number						
<ul> <li>Fishing streat</li> <li>(1) Channel</li> </ul>			Number				-		
(2) Barrier re			Number						
(3) Spawning			Rods						
	bilization		Rods		A 199 - 19 -				
			Miles						
(5) Fencing					1.78				
	sh removal		Miles						
<ul><li>(5) Fencing</li><li>(6) Rough fis</li></ul>	s and reservoirs		Acres				-		
<ul> <li>(5) Fencing</li> <li>(6) Rough fis</li> <li>c. Fishing lakes</li> </ul>	s and reservoirs plant control		Acres				-		
(5) Fencing (6) Rough fis c. Fishing lakes (1) Aquatic	s and reservoirs plant control sh removal		Acres				-		
<ul> <li>(5) Fencing</li> <li>(6) Rough fis</li> <li>c. Fishing lakes</li> <li>(1) Aquatic p</li> <li>(2) Rough fis</li> <li>(3) New fish</li> <li>(4) Minimum</li> </ul>	s and reservoirs plant control sh removal ing lakes pools of water		Acres Acres Acres Acre Ft.						
(5) Fencing (6) Rough fis c. Fishing lake: (1) Aquatic p (2) Rough fis (3) New fish (4) Minimum (5) Spawning	s and reservoirs plant control sh removal ing lakes pools of water g areas, shelters		Acres Acres Acres Acre Ft. Number				-		
(5) Fencing (6) Rough fis c. Fishing lake: (1) Aquatic p (2) Rough fis (3) New fish (4) Minimum (5) Spawning	s and reservoirs plant control sh removal ing lakes pools of water		Acres Acres Acres Acre Ft.						

# 12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

SPO 859 - 492

SPECIES		NUMBER		SPECIES		NUMBER			
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST		
Antelope	4,300	20,000	600	SUBTOTAL (con't)	11,600	35,100	1,202		
Bear Brown				Elk	2,000	4,000	50		
Black				Moose	100	200	2		
Buffalo	100	100	2	Mountain Goat	30	120	0		
Caribou				Mountain Lion	5	5	0		
Caribou				Peccary					
Deer Black Tail				Bighorn Sheep	50	100	0		
White Tail		-		Turkey	20	100	0		
Mule	7,200	15,000	600	Wolf	2	2	0		
SUBTOTAL	11,600	35,100	1,202	GRAND TOTA	L 13,807	39,627	1,254		
			DIRECT HABI	TAT IMPROVEM (/ice Completes)			-		
			UNIT	UNITS		COST			
	ITEM		OF WORK	COM- PLETED	BUREAU	C ON	TRIBUTED		
a. Wildlife food (1) Prescribe			Acres			-			
	spraying, chain	ing	Acres						
(3) Seeding a			Acres						
(4) Waterfow	l marsh		Acres						
(5) Fencing (6) Wildlife	water developm	ents	Miles Number		-				
b. Fishing strea (1) Channel	ms		Number		-	-			
(2) Barrier re			Number						
(3) Spawning		10 11 10 1	Rods	· · · · · · · · · · · · · · ·					
(4) Bank sta	bilization		Rods						
(5) Fencing	·		Miles						
(6) Rough fis	sh removal		Miles						
<ul> <li>c. Fishing lakes</li> <li>(1) Aquatic particle</li> </ul>		5	Acres						
(2) Rough fis	sh removal		Acres						
(3) New fish	ing lakes		Acres						
(4) Minimum	pools of water		Acre Ft.						
	areas chalter	e etc	Number						
(5) Spawning	areas, sheree	3, 000.							
(5) Spawning (6) Fencing	, areas, sheree	3, 010.	Miles						

GPO 859 - 492

Form 6500-1 (July 1970) (formerly 6960-1)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office Miles City

North Dakota

Fiscal Year

1971

# WILDLIFE ANNUAL REPORT GENERAL STATISTICS

		OLIVE	INAL STAT	51105	2772	
	1. HABITAT COND	ITION	ACRES (	(1,000°s)	6. WILDLIFE SURVEYS	NUMBER
a.	Terrestrial (1) Big game	-	10	40	a. Use, condition and trend (transects)	36
	(2) Small game		17	45	b. Stream and lake	0
_	(3) Waterfowl		2	1	(Wildlife Species)	0
ь.	Aquatic (1) Lakes 0				b. Aquatic	0
	(2) Reservoirs	50			8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
	(3) Stream (total mi	Stream (total miles)		0	a. Terrestrial	0
	2. TERRESTRIAL AQUATIC HABITAT B	LOCKED	ACRES	MILES	b. Aquatic	0
	TO PUBLIC ACC	ESS	HABITAT	STREAMS	9. HABITAT EXPENDITURES	DOLLARS
-	Closure of private la	ands	20,000	0	a. Management	
ь.	Lack of physical ac	cess	24,000	b. Development		
	TOTAL	TOTAL (a + b) 44,000		0	c. Maintenance	
	3. WATER	FOWL USE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	
a.	Impoundments		400	000	10. RECREATION	VISITOR

	12. 11.			1		NUMBER			
SPECIES		NUMBER	1	SPECIES	POPULATION	AMBER	HARVEST		
Antelope	POPULATION 300	AMs 3,600	HARVEST 80	SUBTOTAL (con't)		12,660	305		
Bear Brown				Elk					
Black				Moose					
Buffalo				Mountain Goa	t				
Caribou				Mountain Lion	n				
Deer		-		Peccary					
Black Tail				Bighorn Sheep	p				
White Tail	275	3,300	75	Turkey	*				
Mule	480	5,760	150	Wolf					
SUBTOTAL	1,055	12,660	305	GRAND TOT	1,000	12,660	305		
				TAT IMPROVEN //ice Completes					
			UNIT	UNITS		COST			
1	ITEM		OF WORK	COM- PLETED	BUREAU	C ON	TRIBUTED		
a. Wildlife food (1) Prescribe			Acres						
	spraying, chain	ing	Acres						
(3) Seeding a			Acres						
(4) Waterfowl	l marsh	•	Acres Miles						
(5) Fencing	vater developme	ate	Number						
b. Fishing strea (1) Channel s	ms	2015	Number			· · · ·			
(2) Barrier re	emoval		Number						
(3) Spawning			Rods						
(4) Bank sta	bilization		Rods						
(5) Fencing			Miles						
(6) Rough fis	sh_removal		Miles						
<ul> <li>Fishing lakes</li> <li>(1) Aquatic p</li> </ul>			Acres						
(2) Rough fis	sh removal		Acres						
(3) New fish			Acres						
	pools of water		Acre Ft.						
(4) Minimum			Number						
(5) Spawning	areas, shelter	s, etc.	Number						
	areas, snelter	s, etc.	Miles						

Wildlife Annual Report Montana FY 1971

Recreation (continued)

Waterfowl

 $HD = G \times H \times I \times J$  $HD = 51,800 \times 2 \times .20 \times 0.5$ HD = 10,360

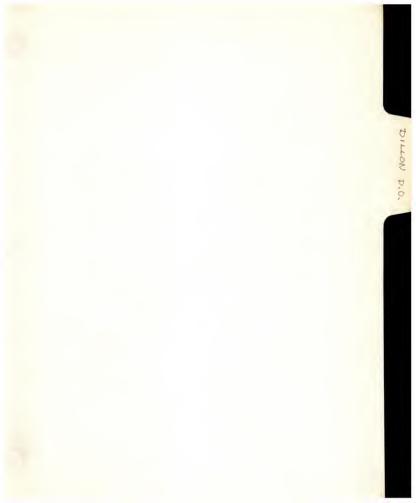
Fishing

Montana Fish and Game state-wide survey estimates: 2,340,000 fisherman days 1970-71 (4% increase over past year) 16,000 miles of fishing streams 900,000 acres of fishing lakes and reservoirs

BLM habitat estimates: 1,755 miles of streams (11% of state total) 87,700 acres of lakes and reservoirs (9% of state total)

Therefore approximately 10% of state fishing waters provided by public land -10% of 2,340,000 VD = 234,000 VD's provided by PD

Noncunsumptive Use - estimated at 10% of hunting or 20,000 VD's



Form 6500-1 y 1970) rmerly 6960-1)

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office 25-050-

Dillon, Montana Fiscal Year

# WILDLIFE ANNUAL REPORT GENERAL STATISTICS

1971

		GENE	RAL STATI	STICS				
	A MARITAT COND	ACRES (1,000's)		6. WILDLIFE SURVEYS	NUMBER			
	1. HABITAT CONDITION		SAT IS.	UNSATIS.				
a.	Terrestrial (1) Big game		700	50	a. Use, condition and trend (transects)	0		
(1) Dig game			700	50	b. Stream and lake	0		
_	(2) Small game		260	50	7. HABITAT MANAGEMENT PLANS (Wildlife Species)			
	(3) Waterfowl		3		a. Terrestrial			
	Aquatic (1) Lakes	NUMBER			a. Terrestriat	0		
υ.		7	4		b. Aquatic			
	(2) Reservoirs	5	35	10	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)			
	(3) Stream (total miles)		1,200	118	a. Terrestrial	1		
1	2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		ACRES OF HABITAT	MILES OF STREAMS	b. Aquatic	0		
					9. HABITAT EXPENDITURES	DOLLARS		
	Closure of private 1	0	0	a. Management	4,000			
ь.	b. Lack of physical access 0 TOTAL (a + b) 0			0	b. Development	-600 -		
-				0	c. Maintenance	0		
3. WATERFOWL USE E			BIRD	-DAYS	TOTAL (Habitat Expenditures)	4,000		
a. Impoundments			2,	700	10. RECREATION (State O/fices complete)	VISITOR DAYS		
b. Natural wetlands 4			4,	500	a. Hunting			
	4. RARE AND ENDANGERED NO. OF SPECIES SPECIES			ACRES OF HABITAT	(1) Big game (2) Small game			
	a. Rare 3			Unknown	(3) Waterfow1			
- b.	b. Endangered 2			Un Known	TOTAL (Hunting)			
5. WILDLIFE PERSONNEL				NUMBER	b. Fishing			
a. Biologists (CSC wildlife series)				0	c. Nonconsumptive use			
b. Coordinators (trained or u:: rained district coordinators)				1	11. COMMERCIAL FISHING (Ibs. barvested)			

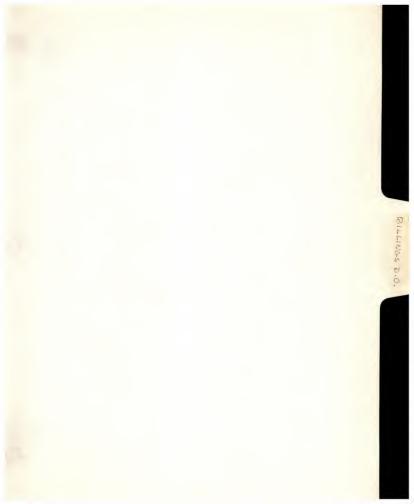
marks No habitat improvement work, no known animal damage problems, no change in

wildlife statistics.

.

SPECIES	NUMBER				NUMBER			
DIECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST	
Antelope	800	3,200	200	SUBTOTAL (con't)	11,820	45,724	2,300	
Bear Brown				Elk	150	450	20	
Black	20	24		Moose	-			
Buffalo	-	2-1		Mountain Goat	-			
Caribou	-			Mountain Lion	5	15		
			-	Peccary				
Deer Black Tail	-			Bighorn Sheep	29	100	-	
White Tail	1,000	500	100	Turkey	20	20		
Mule	10,000	42,000	2,000	Wolf	-		4.2.2.	
SUBTOTAL	11,820	45,724	2,300	GRAND TOTA	11,995	46,309	2,320	
				(ice Completes)	ENTS			
						COST		
1	ITEM	. *	UNIT OF WORK	UNITS COM- PLETED	BUREAU			
a. Wildlife food a (1) Prescribe	d burning		Acres		ing stationary vite			
	praying, chaini	ng	Acres					
(3) Seeding a			Acres ·					
(4) Waterfowl marsh (5) Fencing (6) Wildlife water developments			Acres					
			Miles Number					
<ul> <li>Fishing streams</li> <li>(1) Channel structures</li> </ul>			Number					
(2) Barrier re			Number -					
(3) Spawning			Rods					
(4) Bank stab	ilization		Rods					
(5) Fencing			Miles					
(6) Rough fish removal			Miles					
Fishing lakes and reservoirs (1) Aquatic plant control			Acres				27	
	Rough fish removal							
	(3) New fishing lakes							
	<ul><li>(4) Minimum pools of water</li><li>(5) Spawning areas, shelters, etc.</li></ul>							
	areas shelters	etc	Number					
(5) Spawning (6) Fencing	arous, onercors,		Miles					

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Form 6500-1 (July 1970) rmerly 6960-1) .

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT WILDLIFE ANNUAL REPORT

Office

Billings District Fiscal Year

		GENE	RAL STATI	STICS	1972		
-			ACRES (	1,000's)	6. WILDLIFE	SURVEYS	NU
	1. HABITAT COND	ITION	SATIS.	UNSATIS.	a. WIEDERY		
a.	Terrestrial (1) Big game		0/1	110	a. Use, condition and	trend (transects)	
			241	110	b. Stream and lake		
_	(2) Small game		82	110	7. HABITAT MAN (Wildlife	AGEMENT PLANS Species)	
	(3) Waterfow1		-	-	a. Terrestrial		-
		NUMBER			a. Terrestrial		
Ъ.	Aquatic (1) Lakes	-	-	· · _	b. Aquatic		
_	(2) Reservoirs		.01	-	8. HABITAT DEVEL (Completed	OPMENT PROJECTS or contracted)	
	(3) Stream (total mi	iles)	14.0	12.1	a. Terrestrial		
_	2. TERRESTRIAL AQUATIC HABITAT E	RESTRIAL AND ACRES			b. Aquatic		
	TO PUBLIC ACCESS		OF HABITAT	OF STREAMS	9. HABITAT E	XPENDITURES	DOI
	Closure of private lands		37,000	15	a. Management		\$4
ь.	Lack of physical ac	cess	7,400	1	b. Development		
_	TOTAL	(a + b)	44,400	16	c. Maintenance	· · ·	
	3. WATER	RFOWL USE	BIRD-DAYS		TOTAL (Habita	t Expenditures)	84
a.	Impoundments	-	"neglig	ible"	10. REC (State O//ic	REATION es complete)	·\_i
Ъ.	Natural wetlands		Н		a. Hunting (1) Big game		
	4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(1) Sig game (2) Small game		
a.	a. Rare 1		1	?	(3) Waterfowl		
ь.	b. Endangered _		-	1	<b>COTAL</b> (Hunting)		
-	5. WILDLIF	E PERSONN	EL	NUMBER	b. Fishing	-	
a	Biologists (CSC wi	Idlife serie	s)	1	c. Nonconsumptive	use	
ь.	Coordinators (trained	ed or untrais		-	11. COMMERCIAL F	11. COMMERCIAL FISHING (Ibs. barvested)	

Remarks 1/Even though no rare or endangered species have been found on public lings District, the following is a list of species which may possibly occur: uat, (2) grizzly bear, (3) black-footed ferret, & (4) prairie falcon.



6500-1 1970) Jerly 6960-1)

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Malta, Montana 1971

Fiscal Year

## WILDLIFE ANNUAL REPORT GENERAL STATISTICS

		GENE	RAL STATI	STICS		
-	1. HABITAT CONDI	TION	ACRES (	1,000°s)	6. WILDLIFE SURVEYS	NUMBER
_			SATIS.		a. Use, condition and trend (transects)	146
a .	Terrestrial (1) Big game		1447	198	b. Stream and lake	2
	<ul><li>2) Small game</li><li>(3) Waterfowl</li></ul>		505	90	7. HABITAT MANAGEMENT PLANS	
-			24	5	(Wildlife Species) a. Terrestrial	2
		NUMBER			a. Tenesciai	
э.	Aquatic (1) Lakes	5	2	· '1	b. Aquatic	-
	(2) Reservoirs	3750	20	7	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
	(3) Stream (total miles)		1	.3	a. Terrestrial	1
-	2. TERRESTRIAL	AND	ACRES	MILES	b. Aquatic	-
	QUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		OF HABITAT	OF STREAMS	9. HABITAT EXPENDITURES	DOLLAR
a	Closure of private 1	Closure of private lands		-	a. Management	15,000
ь.	Lack of physical ac		18,600	12	b. Development	2,02
-	TOTAL		18,600	12	c. Maintenance	20
-	3. WATE	RFOWL USE	BIRI	-DAYS	TOTAL (Habitat Expenditures)	
a	Impoundments		3,276,0	00	10. RECREATION (State Offices complete)	VISITO DAYS
b	. Natural wetlands		118,0	00	a. Hunting	
-	4. RARE AND END	ANGERED	NO. OF	ACRES OF	(1) Big game	
	SPECIES		SPECIES	HABITAT	(2) Small game	
a	1/2			5,600	(3) Waterfowl	
t	. Endangered 2/		8	2,600	TOTAL (Hunting)	
	5. WILDLIF	E PERSONN	EL	NUMBER	b. Fishing	
-	Biologists (CSC w	ildlile serie	es)	1	c. Nonconsumptive use	

a. Biologists (CSC wildlife series) b. Coordinators (trained or u:: 'rained 11. COMMERCIAL FISHING (Ibs. barvested) district coordinators)

arks Bald eagle, black footed ferret

2/ American peregrine falcon, Canada lynx, kit fox, golden eagle, mountain plover, burrowing owl, American osprey, ferruginous hawk.

F

	T	NUMBER				NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	14,440	115,520	1,300	SUBTOTAL (con't)	52,640	541,120	9,310
Bear Brown				Elk	1,150	4,600	310
Black	200	2,400	10	Moose			
	200	2,400	1.1.1.1	Mountain Goa	t 160	1,920	20
Buffalo				Mountain Lion	1		÷
Caribou				Peccary			
Deer Black Tail			-	Bighorn Sheep	p 200	1,200	8
White Tail	16,400	164,000	2,100	Turkey	50	500	5
Mule	21,600	259,200	5,900	Wolf			
SUBTOTAL	52,640	541,120	9,310	GRAND TOT.	AL 54,200	549,340	9,653
-1		13. D	RECT HABI	TAT IMPROVEN	MENTS s)		•
		Ť	UNIT	UNITS		COST	
	ITEM		OF	COM- PLETED	BUREAU	CON	TRIBUTED
a. Wildlife food (1) Prescrib			Acres	-			
	spraying, chair	ning	Acres				
	and planting		Acres				
(4) Waterfow		•	Acres	2	2,025		-
(5) Fencing (6) Wildlife	water developm	ents	Number				
<ul> <li>b. Fishing stre (1) Channel</li> </ul>	ams	-	Number		- 4		
(2) Barrier	removal		Number				
(3) Spawnin	g areas		Rods				
(4) Bank st	abilization		Rods				
(5) Fencing			Miles				
(6) Rough f	ish removal		Miles				
<ul> <li>c. Fishing lake</li> <li>(1) Aquatic</li> </ul>	es and reservoir plant control	rs	Acres				
(2) Rough f			Acres				
(3) New fis			Acres				
	n pools of wate		Acre Ft.				
	ng areas, shelters, etc.		Number Miles	1			
(6) Fencing	3		antes	1			
				TOTAL	2,025		-

NDC

GPO 859 - 492

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### WILDLIFE ANNUAL REPORT 1971 FY Malta District

## Habitat Management

The Malta BLM District is located in a traditionally important area for the production of North American waterfowl which has National significance. The location, adjacent to the Canadian prairie provinces, puts the BLM in a prime position to incorporate additional waterfowl benefits into going programs with a small additional expense. During 1971 FY excellent progress was made in reviewing and modifying stock pond construction to provide additional waterfowl breeding habitat. Work was accomplished with the excellent cooperation of a number of groups, to mention a few. Montana State University personnel, Montana Fish and Game, BLM operations and area personnel. Work involved the construction of small islands in stock dams. Breeding pair and production surveys are being made in cooperation with MSU and Montana Fish and Game personnel to evaluate increased production as a result of these developments. These surveys have been conducted over the past three years. This fiscal year the BLM is also financing a waterfowl research study in the Malta area to evaluate stock pond island nesting habitat and the production of Canada geese.

A narrated slide presentation entitled "Montana Duck Factories" was prepared by the Malta District and shown to various groups including Northern Montana College, University of Minnesota, television stations, Montana Wildlife Federation, local clubs and by BLM personnel in the Washington Office to the Director and Senator Metcalf.

The first three years of the waterfowl research study, "A study of waterfowl production on two rest rotation grazing units in north central Montana", was reported by Frank Gjersing, MSU graduate student (now with the Montana Fish and Game Department). Copies of his thesis were circulated. The study is being financed by the BLM. The manuscript is being prepared for the Journal of Wildlife Management.

Preliminary studies are also being conducted on the use of 35mm infrared Ektachrome film to evaluate stock pond habitat on rest-rotation grazing areas. This work is being done in cooperation with Dr. Robert L. Eng, MSU, and Dr. Merle Meyer, University of Minnesota. Dr. Meyer is well versed in the field of aerial infrared photography. Preliminary coverage shows a high degree of potential in evaluating wildlife habitat.

A waterfowl habitat development and management package was prepared with the Lewistown, Miles City Districts, and State Office Wildlife Biologist. The package is currently being reviewed in the Washington Office. Emphasis is placed on island construction and shoreline modifications on new and existing stock ponds for increased waterfowl production. Antelope trapping and tagging operations were conducted cooperatively with the Montana Fish and Game Department, Provincial Governments of Alberta and Saskatchewan, and the Canadian Wildlife Service during the winter of 1970-71. These studies are being done to determine migration patterns and importance of Montana sagebrush winter ranges to these herds. A habitat management plan was developed with these agencies during 1970 FY.

Cooperative waterfowl nest searching was conducted with personnel from the Northern Frairie Wildlife Research Center, BSF&W, Jamestown, North Dakota, and Montana Fish and Game and University personnel. The objective was to determine the distribution of waterfowl nests in the vicinity of stock ponds in the shortgrass prairie. A cable-chain flushing device was used.

An excellent trout fisheries was developed on public lands in the Malta District during 1971 FY. Prairie trout ponds (stock dams) were evaluated with the cooperation of the Montana Fish and Game Department and stocked with rainbow trout. Growth conditions are excellent, and catches up to two pounds in one year are common. A heavy demand for recreation access maps resulted, and numerous public contacts were made.

Habitat inventory and analysis was made on some 276,796 acres of fish and wildlife habitat in south Blaine and Valley Counties. Habitat management plans are being prepared for these areas.

### Predator Control

It is still the general feeling that predator control on public lands is in excess of the amount that can be justified in terms of the general public interest. More effort should be made to tie down this activity on public lands. An expected problem will be the increased workload time of district personnel which could be more advantageously used on other Bureau programs. Predator control should not be considered a wildlife function.

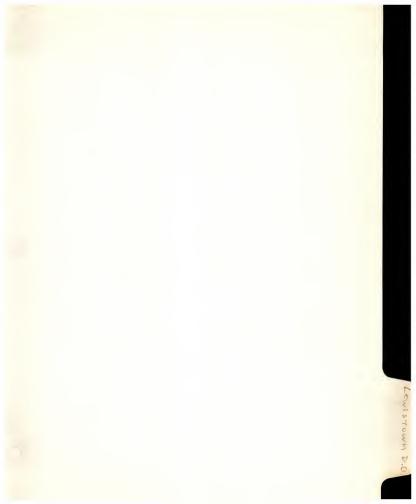
### Wildlife Personnel

One wildlife biologist works full time on the Malta resource staff inaddition to time allowed for area work. The 1971 allocation was 12 man months and 12.1 man months were utilized.

#### Other

Wildlife portions of four unit resource analyses were completed during 1971 FY in addition to Step 1 of one MFP.

One area personnel participated in the Colorado Wildlife Short Course, and the District Wildlife Biologist participated in the Northwest Section of the Wildlife Society meeting in Bozeman, Montana.



				n 1		
Form 6500- July 1970)	1	EPARTME	NITED STAT ONT OF THE	INTERIOR	Office Lewistown Dist	rict
AUG 1 C Burbau C Manago	I Land E	WILDLIF	E ANNUAL	REPORT	Fiscal Year 1971	
Ellyngs H		TION	ACRES (	1,000's) UNSATIS.	6. WILDLIFE SURVEYS	NUMBER
a. Tenes	Trai				a. Use, condition and trend (transects)	10
(1) Bi	g game		125,000	135,000	b. Stream and lake	None
(2) Sm	all game		100,000	50,000	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	
(3) Wa	terfow1		4,000	1,500	a. Terrestrial - Antelope & Sage	1
b. Aquati (1) La	Aquatic (1) Lakes				b. Aquatic	None
(2) Re	servoirs	5	1,780		8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
(3) Str	(3) Stream (total miles)		90		a. Terrestrial	None
2. 1	2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		ACRES	MILES	b. Aquatic	None
AQUAT			OF HABITAT	OF	9. HABITAT EXPENDITURES	DOLLAR
Closur	e of private la	ands	15,000	5	a. Management not available	
b. Lack	of physical ac	cess	1,000	15	b. Development	
	TOTAL	(a + b)	16,000	20	c. Maintenance	
	3. WATER	FOWL USE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	
a. Impou	ndments		650,0	000	10. RECREATION (State O//ices complete)	VISITO
b. Natura	al wetlands		60,0	000	a. Hunting (1) Big game	
4. RAI	RE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	
a. Rare	. Rare		3	Unk.	(3) Waterfowl	
b. Endar	gered		3	Unk.	TOTAL (Hunting)	
-	5. WILDLIFE	E PERSONN	EL	NUMBER	b. Fishing	
a. Biologists (CSC wildlife series)			s)		c. Nonconsumptive use	
b. Coord	inators (traine	ed or untrai		1	11. COMMERCIAL FISHING (lbs. barvested)	

Remarks

ig. #2: MS0 1 cc: LD0

SPECIES		NUMBER			NUMBER			
SFECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMa	HARVEST	
Antelope	7,000	48,000	1,700	SUBTOTAL (con't)	21,007	192,045	4,901	
Bear				Elk	200	1,900	5	
Brown				Moose				
Black	7	45	1	Mountain Goat	10	120	None	
Buffalo				Mountain Lion	?			
Caribou				Peccary	· · ·			
Deer Black Tail				Bighorn Sheep	75	700	3	
White Tail	1,000	9,000	200	Turkey	200	1,200	20	
Mule	13,000	135,000	3,000	Wolf				
SUBTOTAL	21,007	192,045	4,901	GRAND TOTAL	21,492	195,965	4,929	
		13. [		AT IMPROVEME	NTS			
		141		(fice Completes)		COST		
	ITEM	-	UNIT OF WORK	UNITS COM- PLETED	BUREAU		TRIBUTED	
a. Wildlife food (1) Prescrib			Acres					
(2) Release	spraying, chair							
		ling	Acres					
	and planting	ling	Acres					
(4) Waterfow	and planting vl marsh	ing .	Acres Acres					
(4) Waterfow (5) Fencing	and planting vl marsh	4	Acres Acres Miles					
(4) Waterfow (5) Fencing	and planting vl marsh water developm ams	4	Acres Acres					
<ul> <li>(4) Waterfow</li> <li>(5) Fencing</li> <li>(6) Wildlife</li> <li>b. Fishing street</li> </ul>	and planting vl marsh water developm ams structures	4	Acres Acres Miles Number Number					
(4) Waterfow (5) Fencing (6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin	and planting vl marsh water developm ams structures removal g areas	4	Acres Acres Miles Number Number Rods					
(4) Waterfov (5) Fencing (6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin (4) Bank str	and planting vl marsh water developm ams structures removal g areas abilization	4	Acres Acres Miles Number Number Rods Rods					
(4) Waterfov (5) Fencing (6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin (4) Bank str (5) Fencing	and planting wl marsh water developm ams structures removal g areas abilization	4	Acres Acres Miles Number Number Rods Rods Miles					
(4) Waterfow (5) Fencing (6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin (4) Bank st (5) Fencing	and planting vl marsh water developm ams structures removal g areas abilization	4	Acres Acres Miles Number Number Rods Rods					
(4) Waterfow (5) Fencing (6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin (4) Bank str (5) Fencing (6) Rough f c. Fishing lake	and planting vl marsh ams structures removal g areas abilization s ish removal	ients	Acres Acres Miles Number Number Rods Rods Miles					
(4) Waterfow (5) Fencing (6) Wildlife b. Fishing stre (1) Channel (2) Barrier (3) Spawnin (4) Bank str (5) Fencing (6) Rough f c. Fishing lake	and planting vl marsh water developm ams structures removal g areas abilization ish removal es and reservoir plant control	ients	Acres Acres Miles Number Number Number Rods Rods Miles Miles					
(4) Waterfow (5) Fencing (6) Wildlife b. Fishing stre (1) Channel (2) Bartier : (3) Spawnin (4) Bank st (5) Fencing (6) Rough f c. Fishing lake (1) Aquatic	and planting vl marsh water developm ams structures removal g areas abilization s ish removal es and reservoir plant control ish removal	ients	Acres Acres Miles Number Number Number Rods Rods Miles Miles Acres					
(4) Waterfow (5) Fencing (6) Wildlife (1) Channel (2) Barrier (1) (3) Spawnin (4) Bank st. (5) Fencing (6) Rough f (6) Rough f (3) New fils (4) Minimur	and planting vil marsh water developm ams structures removal g areas abilization ish removal ish removal ish removal hing lakes n pools of water	ents S	Acres Acres Miles Number Number Rods Rods Miles Miles Acres Acres Acres Acres					
(4) Waterfow (5) Fencing (6) Wildlife (1) Channel (2) Barrier (1) (3) Spawnin (4) Bank st. (5) Fencing (6) Rough f (6) Rough f (3) New fils (4) Minimur	and planting vil marsh water developm ams structures removal g areas abilization shilization shi removal plant control ish removal hing lakes n pools of water g areas, shelte	ents S	Acres Acres Miles Number Number Number Rods Rods Miles Miles Acres Acres Acres					

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Lewistown District Fiscal Year 1971

### Habitat Management and

A cooperative research Fish and Game Commissio. and Mechanical Control q year. Information obta: land managers in plannir brush-grass ranges.

A Habitat Management Pl. Wildlife Habitat Area w study area.

Construction of islands ment of waterfowl habit This was accomplished w

Rare and Endangered Spen

Rare: Greater Sandhill Western Burrowin Prairie Falcon

Endangered: Black-foot Whooping C American F

Lands Blocked to Public

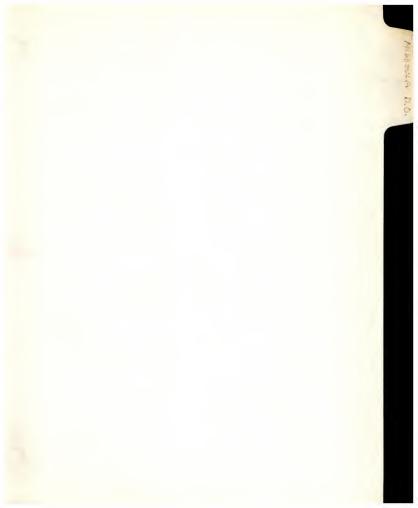
Bull Mountains Highwood Mountains East end of the Judith Isolated tracts in "Sec ween the BLM and the Montana cological Effects of Chemical n" is in its seventh (7th) he research project will assist ultiple use management of sage-

heted on the Yellow Water asses most of the research

provin projects for the improvepolished on 11 (eleven) reservoirs. Ids as part of the contract.

con

izing areas.



n 6500-1 y 1970)

marks

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

25070 Missos la

Fiscal Year

WILDLIFE ANNUAL REPORT GENERAL STATISTICS

		GENE	TRAL STAT	31103	1 19/1	
-	1. HABITAT COND	ITION	ACRES SATIS.	1,000's) UNSATIS.	6. WILDLIFE SURVEYS	NUMBER
	Terrestrial (1) Big game		160,000	1/55,000	a. Use, condition and trend (transects)	21
-	(2) Small game		170,000	1/45,000	<ul> <li>b. Stream and lake</li> <li>7. HABITAT MANAGEMENT PLANS</li> </ul>	3
-	(3) Waterfowl		10,000	1/3,000	(Wildlife Species)	1
ь.	b. Aquatic (1) Lakes		400		b. Aquatic	1
_	(2) Reservoirs		11,600	5,000	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	0
_	(3) Stream (total m	iles)	120	130	a. Terrestrial	
_	2. TERRESTRIAL	AND	ACRES	MILES	b. Aquatic	
	TO PUBLIC ACC	CESS	HABITAT	STREAMS	9. HABITAT EXPENDITURES	DOLLARS
a.	Closure of private	lands	6,000	10	** a. Management	\$11,200.0
b.	Lack of physical a	ccess	17,000	_	b. Development	1
	TOTAL	(a + b)	23,000	10	c. Maintenance	2
	3. WATE	RFOWL USE	, BIRI	D-DAYS	TOTAL (Habitat Expenditures)	\$11,200.0
a.	Impoundments	2	, 355	,000	10. RECREATION (State Offices complete)	VISITOR DAYS
ь.	Natural wetlands		200	,000	a. Hunting (1) Big game	
	4. RARE AND END SPECIES	ANGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	
a	Rare		8	220,000	(3) Waterfow1	
*b	Endangered		> 2	220,000	. TOTAL (Hunting)	
-	5. WILDLIF	E PERSONN	IEL	NUMBER	b. Fishing	
	Biologists (CSC w	· · ·		1	c. Nonconsumptive use	
b	Coordinators (train	ed or untra			11. COMMERCIAL FISHING (lbs. harvested)	

\* includes habitat of Peregrin Falcon
\*\* based on \$1400/man mo. for GS-11 grade.

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- -

12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

SPECIES		NUMBER		SPECIES		NUMBER	
SPECIES	POPULATION	AMs	HARVEST	or beau	POPULATION	AM8	HARVEST
				SUBTOTAL			1.0
Antelope	120	960	30	(con't)	6,970	35,460	920
Bear Brown				Elk	1,500	3,200	200
Black	<u> </u>			Moose	50	500	10
	350	3,500	, 90	Mountain Goa	t 50	350	10
Buffalo			,	Mountain Lio		Number unkn	
Caribou	aribou					under unkn	
Deer				Peccary	_		
Black Tail		2.10 .	Bighorn Shee	p 50-	300	10	
White Tail	1,000	9,000	, 250	Turkey			
Mule	5,500	22,000	550 <sup>-</sup>	Wolf	Possible	but unknow	n number '
SUBTOTAL	6,970	35,460	920	GRAND TOT	AL 8,620	39,810	1,150
	01510	13. [	DIRECT HABI	TAT IMPROVE	MENTS	provements	
						COST	
	ITEM	· *	UNIT OF WORK	UNITS COM- PLETED	BUREAU		NTRIBUTED .
a. Wildlife food (1) Prescribe			Acres	—			
	spraying, chain	ing	Acres				
(3) Seeding a		4	Acres				
(4) Waterfow	l marsh		Acres				
(5) Fencing (6) Wildlife	water developm		Miles Number				-
b. Fishing strea (1) Channel	ms	ents	Number				-
(2) Barrier r	emoval	a	Number				
(3) Spawning			Rods				
(4) Bank sta	bilization	,	Rods '				
(5) Fencing			Miles				-
(6) Rough fit	sh removal	3	Miles '				
	Fishing lakes and reservoirs (1) Aquatic plant control						i -
(2) Rough fi	sh removal		Acres				
(3) New fish			Acres				
	pools of water		Acre Ft.				
(5) Spawning	g areas, shelter	s, etc.	Number				
(6) Fencing			Miles				1-
				TOTAL	0		0

1971 ANNUAL WILDLIFE REPORT

Habitat Managementros Montana

The Missoula District is represented on an interagency task force for Hunting Area 216. BLM personnel gathered all grazing data on public lands and cooperated with SCS in compiling information on private lands within the Hunting Area. This job was completed in fiscal year 1971.

The District has joined in a cooperative elk-logging research project. A prospectus and study plan was prepared by the District Biologist. The District is represented on a steering committee and research committee for the research project.

Two MFP's and two URA's were completed. Field work on 91,000 acres of habitat in the Blackfoot Planning Unit was completed. This data will need further refinement in fiscal year 1972 for more intensive inventory.

Continuing analysis was made on District AMP's. The District Biologist made field investigations of four proposed timber sale areas and one land exchange proposal.

Continuing analysis of vegetative response was made in Wales Creek. One intensive inventory was completed covering a 5,500 acre aquatic habitat area and one aquatic habitat plan was completed.

Browse transects were measured by the District Biologist in cooperation with F & G personnel.

The District Biologist worked with district timber management personnel in preparation of a timber management-wildlife package in the Blackfoot Planning Unit.

The Westslope Cutthroat Trout package was updated and a prepackage was prepared for the Clark Fork River Big Game Winter Range.

Endangered Species:

Endangered species in the Missoula District are Westslope Cuthroat Trout, Salmo clarkii subsp. and Peregrin Falcon, <u>Falco peregrinus anatum</u>.

Rare or Status Undetermined Species:

Three confirmed sightings of Wolverine, <u>Gulo luscus</u> have been recorded in the District during fical year 1971. Confirmed sightings of Columbian Sharptail Grouse, <u>Pediocetes phasianellus columbianus</u>, have been made on public land within the District. No previous sightings of Wolverine or Columbian Sharptail Grouse have been recorded. Other rare species suspected of occurring are: Pine Martin, <u>Martes americana</u>; Fisher, <u>Martes pennanti</u>; and Canada Lynx, <u>Lynx canadensis</u>.

Animal Damage:

Damage to domestic livestock by predators is not a problem within the District. No authorized bait stations are located on public land. District personnel investigated reports of ten unauthorized baits. The existence of these baits was not verified.

Extensive damage has been found to occur on tree reproduction in the vicinity of wildlife winter ranges. Big game depredation on private livestock feed reserves is a serious problem in much of the District.

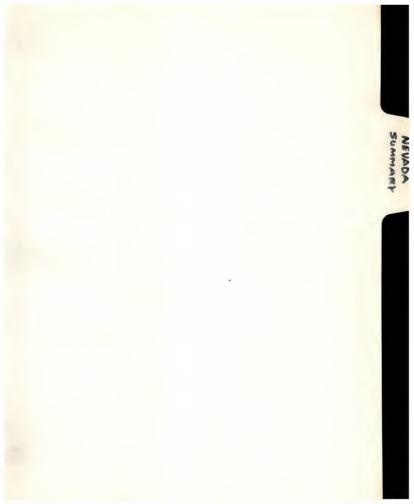
Wildlife Statistics:

Statistics on wildlife habitat and populations are unchanged from those reported in fiscal year 1970.

District Wildlife Personnel:

There was one Wildlife Biologist assigned to the District. Special training included attendance of the Western Elk Workshop in Ogden, Utah.

No special wildlife training was conducted in the District.



Memorandum

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P-1841-1

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

6501 (N-930.3)

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то Director (360) Associate FROM : evada State Director

DATE: SEP 1 1971

SUBJECT: Wildlife Annual Report for FY 1971

In response to Manual 6501, we are herewith submitting the Nevada State Office Wildlife Annual Report for FY 1971.

Lacking is the data for that portion of the Susanville District in Nevada. As soon as this becomes available to us, we will forward data on to you.

Enclosures:2 Encl. 1 - Form 6500-1 Encl. 2 - Narrative 6500-1 1970) (formerly 6960-1)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Nevada State Office

Fiscal Year 1971

### WILDLIFE ANNUAL REPORT GENERAL STATISTICS

	ACDEC	1 0001-1		
ITION	SATIS.	UNSATIS.	6. WILDLIFE SURVEYS	NUMBER
	7 169	8 795	a. Use, condition and trend (transects)	111
			b. Stream and lake	129
	15,110	5,988	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	
	21	-	a. Terrestrial	23*
NUMBER 3	12	23	b. Aquatic	6*
14	1	400	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	
(3) Stream (total miles)		348	a. Terrestrial	10
2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		MILES	b. Aquatic	4
		OF STREAMS	9. HABITAT EXPENDITURES	DOLLAR
ands	3	2	a. Management	-
Lack of physical access		10	b. Development	-
(a + b)	103	12	c. Maintenance	-
3. WATERFOWL USE		-DAYS	TOTAL (Habitat Expenditures)	-
	426	,200	10. RECREATION (State O/fices complete)	VISITOF DAYS
	46	, 500	a. Hunting	
NGERED	NO. OF SPECIES	ACRES OF HABITAT		91,48
	9*	2,523	(3) Waterfowl	5,64
	14*	3,500	TOTAL (Hunting)	230,89
5. WILDLIFE PERSONNEL			b. Fishing	240,00
. Biologists (CSC wildlife series) ·			c. Nonconsumptive use	no data
dlife serie:	s)-	5		1 no uac
	NUMBER 3 14 les) AND ESS Cess (a + b) FOWL USE NGERED	ITION         SATIB.           7,169         15,110           15,110         21           NUMBER         21           14         1           les)         364           AND LOCKED         ACRES OF HABITAT           ands         3           cess         100           (a + b)         103           FOWL USE         BIRD           ACRES         4266           NGERED         NO. OF SPECIES           9*         14*	SATE.         UNSATE.           7,169         8,795           15,110         5,988           21         -           3         12         23           14         1         400           les)         364         348           AND LOCKED         ACRES HABITAT         MILES STREAMS           cess         100         10           (a + b)         103         12           FOWL USE         BIRD-DAYS           426,200         46,500           NGERED         NO. OF HABITAT           9*         2,523           14*         3,500	ATTEN         UNSATES         8. WILDLIFE SURVETS           7,169         8,795         a. Use, condition and trend (transects)           15,110         5,988         b. Stream and lake           21         -         a. Terrestrial           3         12         23           14         1         400           14         1         400           8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)         a. Terrestrial           AND LOCKED         ACRES OF HABITAT         MILES OF STREAMS         b. Aquatic           255         100         10         b. Development           cess         100         10         b. Development           cess         100         10         b. Development           rowLUSE         BIRD-DAYS         TOTAL (Habitat Expenditures)           VOLUSE         ACRES OF SPECIES         ACRES OF SPECIES         C. Small game           9*         2,523         (3) Waterfowl         107AL (Hunting)

\*7. Accumulation for all past years accomplishments.

\*12. Data only from one District Office.

	12. WIL	DLIFE POPL	LATIONS AN	D HARVEST FR	ROM PUBLIC LA	NDS	
	1	NUMBER				NUMBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST
Antelope	2,198	20,070	5 1 <b>33</b>	SUBTOTAL (con't)	111,598	828,076	16,983
Bear Brown	0	0	0	Elk	230	1,670	4
Black				Moose			
				Mountain Goat	:	1	
Buffalo				Mountain Lion	200	2,400	20
Caribou				Peccary			
Deer Black Tail				Bighorn Sheep	735	9,375	8
White Tail				Turkey	100	no data	0
Mule	109,400	808,000	16,850	Wolf			
SUBTOTAL	111,598	828,076	16,983	GRAND TOTA	L 112,863	841,521	17,015
				TAT IMPROVEN			
		(	Washington O	<i>[[ice Completes</i> ]	)		
			UNIT	UNITS	-71	COST	
	ITEM		OF WORK	COM- PLETED	BUREAU	CONT	RIBUTED
a. Wildlife food (1) Prescribe			Acres				1
(2) Release	spraying, chain	ing	Acres				
(3) Seeding a	and planting	•	Acres				
(4) Waterfow	l marsh		Acres				
(5) Fencing			Miles				
(b) Wildlife	vater developm	ents	Number				
b. Fishing strea (1) Channel			Number				
(2) Barrier re	emoval		Number			to a second second	
(3) Spawning			Rods				
(4) Bank sta	bilization		Rods				
(5) Fencing			Miles				
(6) Rough fis	sh removal		Miles				
<ul> <li>c. Fishing lakes</li> <li>(1) Aquatic p</li> </ul>		3	Acres	•			
(2) Rough fis	sh removal		Acres				
(3) New fish	ing lakes		Acres				
(4) Minimum	pools of water		Acre Ft.				
(5) Spawning	areas, shelter	s, etc.	Number				
(6) Fencing			Miles				
				TOTAL			

GPO 859 - 492

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#### NARRATIVE

#### Annual Wildlife Report

## Nevada - F.Y. 1971

### A. Habitat Management:

- Major emphasis is in "planning" as a part of the Bureau's Planning System. A great deal of time can be accounted for inventories, URA's, MFP's, and activity plans.
- To date, Nevada still has only four of its six Districts with a wildlife position in the District Offices.
- Staff from the Director's Office conducted a 1285 Functional Review for the Nevada State Office. This was helpful to the NSO and we encourage this regular biennial program.
- We continue to recognize public information dissemination as a segment of the wildlife program's responsibilites; consequently, the following were printed:
  - Bird lists for Ely, Elko, Winnemucca, Las Vegas and Carson City Districts.
  - 2. Mammal lists for Ely and Elko Districts.
  - 3. Amphibian and Reptile lists for Ely District.

Public response continues to be overwhelmingly in favor of these Bureau efforts.

- B. <u>Animal Damage</u>: Field offices in Nevada follow an Animal Control Plan developed cooperatively by the NDF&G, BSF&W, and BLM. No major problems are recognized here, but we do have a problem of BLM field personnel becoming more frustrated with changing Bureau Instruction Memorandums containing "interim guidelines". A final memorandum on this subject as agreed to by both the BSF&W and BLM in Washington, D.C. could be helpful here.
- C. <u>Wildlife Statistics</u>: Each year this report improves with quality data; however, there still remains many "estimates".

This report does not include data from the Susanville District, as this has not been received to date. As soon as it becomes available, we will forward it on to you.

### D. Problems:

- The Bureau's training program appears to create problems in understanding and/or implementing. This affects all field offices. The 1285 activity was weak and inadequate to meet the demands of field offices.
- The need for a "Memorandum of Understanding" between the BSF&W and BLM regarding guidelines for the animal control program on BLM administered lands is identified under "B" above.
- The AWP advices were very few and lacked clarification. Only after numerous telephone calls were we able to properly understand what commitments were expected of us and what funds were available.
- 4. There is a need for HMP's to be reviewed in the field by the Director's Office and/or Service Center personnel in a somewhat similar manner as AMP's. We would welcome such reviews and believe much could be gained at all office levels--the District, State, Service Center, and Director's Office.
- 5. Our major problem in Nevada is the proverbial one of insufficient funds and manpower to plan or implement the habitat management program, identified in HMP's as worthy and needed to maintain or improve wildlife populations and habitats.
- 6. As we proceed with URA's and MFP's, we are experiencing the frustration that frequently we lack quantity or quality wildlife habitat data in comparison to other activities. The danger here is that MFP's go through "decision analysis" even though there is insufficient inventory preceding decisions for proper land management recommendations.



6500-1 1970) (formerly 6960-1) .

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Office

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WILDLIFE ANNUAL REPORT ENERAL STATISTICS

		GENE			1 12/1	
	1. HABITAT CONDI	TION	ACRES (	1,000's) UNSATIS.	6. WILDLIFE SURVEYS	NUMBER
	errestrial ) Big game		1,732	500	a. Use, condition and trend (transects)	40
- (7	) Small game				b. Stream and lake	2 .
-			3,950	3,000	7. HABITAT MANAGEMENT PLANS (Wildlife Species)	1 · · · · · · · · · · · · · · · · · ·
(3	3) Waterfowl		2	N/A	a. Terrestrial	Pr.
	quatic 1) Lakes	NUMBER 0	0	0	b. Aquatic	1
C	2) Reservoirs	11		_	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	A.
(	3) Stream (total mi	les)	58	96	a. Terrestrial	0
A	2. TERRESTRIAL	ACRES OF	MILES	b. Aquatic	0	
-	TO PUBLIC ACCESS		PUBLIC ACCESS HABITAT ST		9. HABITAT EXPENDITURES	DOLLARS
a. C	Closure of private la	ands	3,500	0	a. Management	13,500
b. I	ack of physical ac	cess	. 0	ó	b. Development	0
	TOTAL	(a + b)	3,502 0		c. Maintenance	0
-	3. WATER	FOWL USE	BIRD-DAYS		TOTAL (Habitat Expenditures)	
a. 1	mpoundments		· 420.	000	10. RECREATION (State Offices complete)	VISITOR DAYS
ь. 1	Natural wetlands		20.	000	a. Hunting (1) Big game	
	RARE AND ENDA	NGERED	NO. OF SPECIES	ACRES OF HABITAT		
a. 1	Rare		-	-	(3) Waterfowl	
b. 1	Endangered		1	22	TOTAL (Hunting)	
	5. WILDLIFE PERSONNEL			NUMBER	b. Fishing	
a.	a. Biologists (CSC wildlife series)			1	c. Nonconsumptive use	
h.	Coordinators (trained or u:: rained district coordinators)				11. COMMERCIAL FISHING (lbs. harvested)	

7. These figures are accumulative Remarks

 $\tilde{P}_{\rm ext}$ 

	1	NUMBER			1.	NUMBER	10
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMa	HARVEST
Antelope	900	7,200	40 .	SUBTOTAL (con't)	50,900	357,200	6,540
Bear Brown				Elk.	20	200	0
Black				Moose			
				Mountain Goal	t .		
	uffalo			Mountain Lion	200	2,400	20
	aribou			Peccary			
Black Tail				Bighorn Sheep	>		
White Tail			-	Turkey			
Mule	50,000	350,000	6,500	Wolf			
SUBTOTAL	50,900	357,200	6,540	GRAND TOTA	AL 51,120	359,800	6,560
1		13. 0		TAT IMPROVEN //ice Completes			-
)	ITEM.		UNIT OF WORK	UNITS COM- PLETED	BUREAU	COST	TRIBUTED
a. Wildlife food (1) Prescribe		-	Acres		· ·		1 2
(2) Release	spraying, chain	ing	Acres				
(3) Seeding a			Acres			· · · · ·	
(4) Waterfow	l marsh		Acres				
(5) Fencing			Miles		- All and a second		
(6) Wildlife	water developm	ents	Number				
<ul> <li>b. Fishing stream</li> <li>(1) Channel</li> </ul>			Number	$\geq$			
(2) Barrier r	emoval		Number		\		
(3) Spawning	g areas		Rods		1		
(4) Bank sta	bilization .		Rods				
(5) Fencing		-/	Miles				
(6) Rough fi	sh removal		Miles				
c. Fishing lake (1) Aquatic		s	Acres		```	$\backslash$	
(2) Rough fi	sh removal		Acres				
(3) 'New fish	ing lakes		Acres		•		
(4) Minimum	pools of water		Acre Ft.				
	g areas, shelter	s, etc.	Number				
) Fencing			Miles	1			
<b>`</b>				TOTAL		1 1 1	



Form 6500-1 (July 1970) (formerly 6960-1)

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Winnemucca

Fiscal Year

			E ANNUAL			Fiscal Year 71	
		GENE	RAL STATI	and an international states		/1	
	1. HABITAT COND	ITION	ACRES (	1,000's) UNSATIS.	6. WILDLIF	E SURVEYS	NUMBER
a .	Terrestrial			0.550	a. Use, condition and trend (transects)		0
	(1) Big game		50	3,550	b. Stream and lake		125
	(2) Small game		2,500		7. HABITAT MAN	AGEMENT PLANS Species)	1. S. M.
	(3) Waterfowl		9		a. Terrestrial		5
	Aquatic	NUMBER					
0.	(1) Lakes	2	12 ac		b. Aquatic		1
	(2) Reservoirs	3		400 ac	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)		A.S.
	(3) Stream (total miles)		165	185	a. Terrestrial		3
-	2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		ACRES	MILES	b. Aquatic"		
			OF HABITAT	OF	9. HABITAT E	XPENDITURES	DOLLAR
-	Closure of private lands			0	a. Management		$\backslash$
ь.	Lack of physical ac	cess	0	0	b. Development		
-	TOTAL	(a + b)			c. Maintenance .		1
-	3. WATER	RFOWL USE	BIRD	DAYS .	TOTAL (Habita	t Expenditures)	1
a	. Impoundments		unknown		10. RECREATION (State Offices complete)		VISITO DAYS
b	. Natural wetlands		unkno	own	a. Hunting		
-	4. RARE AND ENDA	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(1) Big game (2) Small game		
8	, Rare		1.	?	(3) Waterfowl		
b	. Endangered	-	3	?		TOTAL (Hunting)	
	5. WILDLIF	E PERSONN	EL	NUMBER	b. Fishing		
-	a. Biologists (CSC wildlife series)				c. Nonconsumptive	use	
i	. Coordinators (train	ed or u::'rai ct coordina			11. COMMERCIAL F	ISHING (lbs. harvested)	

Remarks \* Habitat expenditures are strictly 1285 and contributed funds. Basic provements in wildlife habitat through coordinated HMP-AMP Rest-Rotation grazing systems is funded by the 1260 activity. No cost figures are available on District printouts.

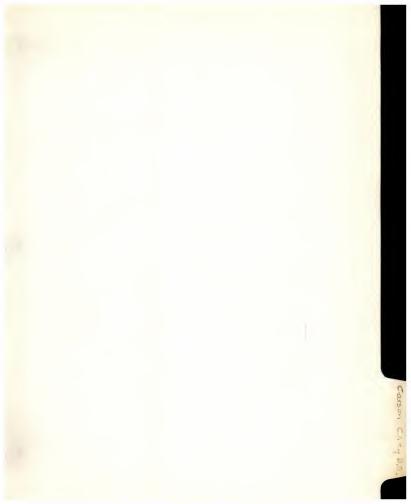
	12. WIL		JLATIONS AN	D HARVEST FI	ROM PUBLIC LA		
SPECIES	SPECIES POPULATION AMS			SPECIES		NUMBER	
Antelope	800	Амя 9600 ~	61	SUBTOTAL (con't)		AMS 129,600	HARVEST
	800	9000	01	(con i)	10,800	121,000	178
Bear Brown				Elk			
Black			1	Moose			<u> </u>
Buffalo				Mountain Goa	it		
Caribou			-	Mountain Lio	n ?		
Deer				Peccary			
Black Tail				Bighorn Shee	p		
White Tail		-		Turkey		•	
Mule	10,000	120,000	737	Wolf			
SUBTOTAL	10 800	129100	798	GRAND TOT	10,700	129.620	798
				TAT IMPROVE			
			UNIT	UNITS		COST	
	ITEM		OF WORK	COM- PLETED	BUREAU	CONT	RIBUTED
a. Wildlife food (1) Prescrib			Acres				- 1
(2) Release	spraying, chair	ning	Acres				
(3) Seeding			Acres		-		
(4) Waterfow	1 marsh		Acres				
(5) Fencing			Miles				
(b) Wildlite	water developm	ents	Number				
<ul> <li>b. Fishing stream (1) Channel</li> </ul>			Number				
(2) Barrier r	emoval		Number				
(3) Spawning	g areas		Rods				
(4) Bank sta	bilization		Rods				
(5) Fencing			Miles				
(6) Rough fi	sh removal		Miles				
<ul> <li>c. Fishing lake</li> <li>(1) Aquatic</li> </ul>	s and reservoir plant control	s	Acres				
(2) Rough fi	sh removal		Acres				
(3) New fish			Acres				
	pools of water		Acre Ft.				
	g areas, shelter		Number				
6) Fencing			Miles				-
b) rencing			inites .	TOTAL			

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--- GPO 859 - 492



Form 6500-1 July 1970) (formerly 6960-1)	DEPARTME	ITED STAT	INTERIOR	Office Carson City Di	strict
•		E ANNUAL		Fiscal Year 1971	
1. HABITAT CON	DITION	ACRES (	1,000's) UNSATIS	6. WILDLIFE SURVEYS	NUMBER
a. Terrestrial (1) Big game	500	1,007	a. Use, condition and trend (transects)	40	
(2) Small game		3,500	1,500	b. Stream and lake 7. HABITAT MANAGEMENT PLANS	- 196
(3) Waterfowl		4		(Wildlife Species)	
b. Aquatic	NUMBER				5
(1) Lakes	1		23	b. Aquatic	-
(2) Reservoirs	-		• • -	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	$\partial_{\mu}$
(3) Stream (total	miles)		11	a. Terrestrial	3
2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY		ACRES OF	MILES	b. Aquatic	-
		HABITAT (1000)	STREAMS	9. HABITAT EXPENDITURES	DOLLARS
a. Closure of private	e lands	24	-	a. Management	· -
. Lack of physical	access	· -	7	b. Development	· _
Тота	L (a + b)	24	7	c. Maintenance	
3. WAT	ERFOWL USE	BIRD	, 900YS)	TOTAL (Habitat Expenditures)	-
a. Impoundments	-	5,	900	10. RECREATION (State O//ices complete)	VISITOR DAYS
b. Natural wetlands				a. Hunting (1) Big game	-
4. RARE AND EN SPECIE	DANGERED	NO. OF SPECIES	ACRES OF HABITAT (1,000)	(1) Big game (2) Small game	-
a. Rare		1.	23	(3) Waterfowl	-
b. Endangered				TOTAL (Hunting)	
5. WILDL	IFE PERSONN	EL	NUMBER	b. Fishing	-
a. Biologists (CSC	wildlife serie	s)	1	c. Nonconsumptive use •	-
b. Coordinators (tra	ined or u::'rain trict coordinat			11. COMMERCIAL FISHING (lbs. harvested)	· -
Remarks					

(Instructions inside back cover)

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		NUMBER		SPECIES	NUMBER			
SPECIES	POPULATION	AMs	HARVEST	SPECIES	POPULATION	AMs	HARVEST	
lope	100	600	7	SUBTOTAL (con't)				
Bear Brown				Elk	· .			
Black				Moose				
Buffalo				Mountain Goat			10	
Caribou	-			Mountain Lion	No Da	ita	10	
Deer				- Peccary				
Black Tail				Bighorn Sheep				
White Tail				Turkey .	100	÷ .	none	
Mule	3,000	36,000	443	Wolf				
SUBTOTAL	3,100	36,600	450	GRAND TOTAL		36,600	460	
		13. 1		TAT IMPROVEME (fice Completes)	NTS			
			UNIT	UNITS		COST		
-	ITEM		OF WORK	COM- PLETED	BUREAU	· CON	TRIBUTED	
a. Wildlife food (1) Prescribe			Acres					
						-		
	spraying, chair and planting	ung	Acres Acres					
(4) Waterfow			Acres					
(5) Fencing	1 marsu		Miles					
	water developm	ents	Number					
<ul> <li>b. Fishing stream (1) Channel</li> </ul>	ams		Number				-	
(2) Barrier r	emoval		Number					
(3) Spawning			Rods				-	
(4) Bank sta			Rods					
(5) Fencing			Miles	· .				
(6) Rough fi	sh removal		Miles					
<ul><li>c. Fishing lake</li><li>(1) Aquatic</li></ul>	s and reservoir plant control	s.	Acres		•			
(2) Rough fi	sh removal		Acres					
(3) New fish			Acres					
	pools of water		Acre Ft.					
				1		1		
	g areas, shelte	rs, etc.	Number Miles					

GPO 859-492



Fiscal Year 1971         SATE:       INSATE:         1. HABITAT CONDITION       ACRES (1.000: 3)       6. WILDLIFE SURVEYS       NUMBER         a. Terrestrial       1360976       2041464       a. Use, condition and trend (transects)       4         (1) Big game       1312090       608400       a. Use, condition and trend (transects)       4         (2) Small game       1312090       608400       a. Terrestrial       4         (3) Waterfowl       60000       60000       a. Terrestrial       4         (3) Waterfowl       0       0       b. Aquatic       2         (1) Lakes       0       0       0       a. Terrestrial       4         (3) Stream (total miles)       30       10       a. Terrestrial       3         (3) Stream (total miles)       30       10       a. Terrestrial       3         (1) Lakes       0       0       a. Management       8,400         (2) Reservoirs       0       0       a. Management       0         (3) Stream (total miles)       30       10       a. Terrestrial       3         (2) Reservoirs       0       0       a. Management       0       0         (1) DTAL (A + b)	Form 6500-1 (July 1970) (formerly 6960-1)		UNITED STAT MENT OF THE	INTERIOR		Office Ely	÷
1. HABITAT CONDITION       SATE       UNSATE       0. MILCLIFE SOLVETS         a. Terrestrial       1360976       2041464       a. Use, condition and trend (transects)       4         (1) Big game       1312000       658400       b. Stream and lake       1         (2) Small game       1312000       658400       b. Stream and lake       1         (3) Waterfowl       60000       60000       a. Terrestrial       4         (1) Lakes       0       0       0       b. Aquatic       2         (2) Reservoirs       0       0       0       8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)       2         (3) Stream (total miles)       30       10       a. Terrestrial       3         2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED BY       ACRES HABITAT       MILES OF HABITAT       b. Aquatic       3         Closure of private lands       0       0       a. Management       0       0         5. WATERFOWL USE       BIRD-DAYS       ACRES OF       0       0       0       0         6. Natural wetlands       2,500       a. Maintenace       0       0       0       0         6. Natural wetlands       2,500       a. Hunting       10. RECREATION (State Offices complete)       3,40							
a. Terrestrial (1) Big game (2) Small game (2) Small game (3) Waterfowl (3) Waterfowl (4) Lakes (1) Lakes (2) Reservoirs (2) Reservoirs (2) Reservoirs (2) Reservoirs (2) Reservoirs (2) Reservoirs (2) Reservoirs (2) Reservoirs (2) Reservoirs (2) Reservoirs (3) Stream (total miles) (3) Stream (total miles) (4) Reservoirs (5) Aquatic (3) Materfowl USE (4) RABITAT STREAMS (5) Aquatic (5) Aquatic (3) Materfowl USE (5) BIRD-DAYS (3) Waterfowl (3) Waterfowl (4) Stree Offices completer) (3) Waterfowl (3) Waterfowl (3) Waterfowl (3) Waterfowl (3) Waterfowl (3) Waterfowl (3) Waterfowl (4) Stop Offices (3) Waterfowl (4) Stop Offices (3) Waterfowl (4) Stop Offices (5) MilDLIFE PERSONNEL (5) MilDLIFE PERSONNEL (5) MilDLIFE PERSONNEL (5) MilDLIFE PERSONNEL (5) MilDLIFE PERSONNEL (5) Materfowl USE (5) MilDLIFE PERSONNEL (5) MilDLIFE PERSONNEL (5) Materfowl (5) MilDLIFE PERSONNEL (5) Materfowl (5) MilDLIFE PERSONNEL (5) Materfowl (5) MilDLIFE PERSONNEL (5) MilDLIFE PERSONNEL (5) MilDLIFE PERSONNEL (5) Materfowl (5) Materfowl (5) MilDLIFE PERSONNEL (5) Materfowl (5) MilDLIFE PERSONNEL (5) Materfowl (5) Materfowl (6) Materfowl (7) Condespecial Fishing (7) Condespecial Fish	1. HABITAT	CONDITION			6. WILDLIF	E SURVEYS	NUMBER
(2) Small game       1312000       658400         (3) Waterfowl       60000       60000         (3) Waterfowl       60000       60000         (4) Lakes       0       0       0         (2) Reservoirs       0       0       0         (3) Stream (total miles)       0       0       0         (3) Stream (total miles)       30       10       a. Terrestrial         (4) Lakes       0       0       0       a. Terrestrial         (3) Stream (total miles)       30       10       a. Terrestrial       3         (3) Stream (total miles)       30       10       a. Terrestrial       3         (4) Lackes       0       0       0       a. Terrestrial       3         (5) Stream (total miles)       30       10       a. Terrestrial       3         (2) Reservoirs       0       0       a. Management       8,400         (2) Reservoirs       0       0       a. Management       8,400         (4) Lacke of physical access       0       0       a. Management       0         (5) Lack of physical access       0       0       c. Maintenapte       0         (5) Access       0       0       c. Ma			1,360 <del>976</del>	2041464		d trend (transects)	
(3) Waterfowl       6000- 6000- (Wildlife Species)       (Wildlife Species)         Aquatic       NUMBER       6000- (1) Lakes       0       0       a. Terrestrial       4         b. Aquatic       0       0       0       b. Aquatic       2         (2) Reservoirs       0       0       0       8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)       3         (3) Stream (total miles)       30       10       a. Terrestrial       3         2. TERRESTRIAL AND AQUATIC MABITAT BLOCKED TO PUBLIC ACCESS       ACRES OF HABITAT       MILES OF HABITAT       b. Aquatic       3         2. TERRESTRIAL AND AQUATIC MABITAT BLOCKED TO PUBLIC ACCESS       ACRES OF HABITAT       MILES STREAMS       b. Aquatic       3         2. TERRESTRIAL AND AQUATIC MABITAT BLOCKED TO PUBLIC ACCESS       ACRES OF       MILES OF HABITAT       b. Aquatic       3         3. WATERFOWL USE       BIRD-DAYS       MOTAL (Habitat Expenditures)       8,400         4. Impoundments       300       10. RECREATION (State Offices complete)       8,400         5. Natural wetlands       2,500       a. Hunting       10. RECREATION (State Offices complete)       8,400         6. RARE AND ENDANGERED SPECIES       NO. OF SPECIES       ACRES OF SPECIES       ACRES OF SPECIES       Comal game       10. RECREATION (Sta	(2) Small gan	ne	1312000	6884 <del>80</del>	7. HABITAT MAN	AGEMENT PLANS	
b. Aquatic       NUMBER       0       0       b. Aquatic       2         (1) Lakes       0       0       0       b. Aquatic       2         (2) Reservoirs       0       0       0       8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)       2         (3) Stream (total miles)       30       10       a. Terrestrial       3         AQUATIC HABITAT BLOCKED BY       ACRES OF HABITAT       MILES OF HABITAT       b. Aquatic       3         Closure of private lands       0       0       a. Management       8,400         b. Lack of physical access       0       0       c. Maintenace       0         TOTAL (a + b)       0      0       c. Maintenace       0       0         a. Impoundments       300       10. RECREATION (State Offices complete)       3,400         b. Natural wetlands       2,500       a. Hunting (1) Big game       VISITOR DAYS         a. Rare       (3) Waterfowl       (2) Small game       (2) Small game         a. Rare       (3) Waterfowl       b. Fishing       (3) Waterfowl         b. Endangered       4       500 c0000       TOTAL (Hunting)       (2) Small game         b. MULDLIFE PERSONNEL       NUMBER       b. Fishing       (3) Waterfowl	(3) Waterfow	l	6909-	60 <del>00-</del>	(Wildlif	e Species)	4
(2) Reservoirs       0       0       0       0       0       (Completed or contracted)         (3) Stream (total miles)       30       10       a. Terrestrial       3         2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED TO FUBLY ACCESS       ACRES OF BY       MILES OF HABITAT       b. Aquatic       3         2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED BY       ACRES OF BY       MILES OF HABITAT       b. Aquatic       3         2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED BY       ACRES OF BY       MILES OF BY       b. Aquatic       3         2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED BY       O       0       a. Management       8,400         b. Lack of physical access       0       0       b. Development       0         TOTAL (a + b)       0       0       c. Maintenapets       0         3. WATERFOWL USE       BIRD-DAYS       MOTAL (Habitat Expenditures)       3,400         a. Impoundments       300       10. RECREATION (State Offices complete)       VISITOR         b. Natural wetlands       2,500       a. Hunting       0       0         a. Rare       (3) Waterfowl       0       0       0       0         b. Endangered       4       500 refeor       TOTAL (Hunting)       0       0				0			2
(3) Stream (for mines)       30       10       a for management       3         2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED TO PUBLIC ACCESS BY       ACRES OF HABITAT       MILLES OF HABITAT       b. Aquatic       3         2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED TO FUBLIC ACCESS       ACRES OF HABITAT       b. Aquatic       3         2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED BY       O       0       a. Management       8,400         b. Lack of physical access       0       0       a. Management       0       0         b. Lack of physical access       0       0       b. Development       0       0         TOTAL (a + b)       0       .0       c. Maintenapce       0       0         3. WATERFOWL USE       BIRD-DAYS       MOTAL (Habitat Expenditures)       8,400         a. Impoundments       300       10, RECREATION (State Offices complete)       VISITOR DAYS         b. Natural wetlands       2,500       a. Hunting (1) Big game       3       4. HARE AND ENDANGERED SPECIES       ACRES OF HABITAT       (2) Small game       3         a. Rare       (3) Waterfow1       .0       .0       .0       .0       .0       .0         b. Endangered       4       500,0000       TOTAL (Hunting)       .0       .0       .0 <td>(2) Reservoi</td> <td>rs 0</td> <td>0</td> <td>0</td> <td>8. HABITAT DEVEL (Completed</td> <td>OPMENT PROJECTS</td> <td>1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.</td>	(2) Reservoi	rs 0	0	0	8. HABITAT DEVEL (Completed	OPMENT PROJECTS	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
AQUATIC MAILA AUUADIA       ACRES DY       MILES HABITAT       MILES STREAMS       O INCLUSE         AQUATIC MAILAT ACCESS BY       O       A. Management       9. MABITAT EXPENDITURES       DOLLARS         Closure of private lands       O       O       a. Management       0       0         b. Lack of physical access       O       O       b. Development       0         TOTAL (a + b)       O       . O       C. Maintenapce       0         3. WATERFOWL USE       BIRD-DAYS       MOTAL (Habitat Expenditures)       3,400         a. Impoundments       300       IO. RECREATION (State Offices complete)       VISITOR         b. Natural wetlands       2,500       a. Hunting       O       DAYS         a. Rare       (3) Waterfowl       C. Small game       (2) Small game       Small         b. Endangered       4       500,000       TOTAL (Hunting)       Small       Small         b. Coordinators (Intained of w::rai	• (3) Stream (1	otål miles)	30	10	a. Terrestrial ·		3
TO PUBLIC ACCESS BY     HABITAT     STREAMS     9. HABITAT     EXPENDITURES     DÓLLARS       Closure of private lands     0     0     a. Management     8,400       b. Lack of physical access     0     0     b. Development     0       TOTAL (a + b)     0     .0     c. Maintenapce     0       J. WATERFOWL USE     BIRD-DAYS     MOTAL (Habitat Expenditures)     8,400       a. Impoundments     300     10. RECREATION (State Offices complete)     VISITOR DAYS       b. Natural wetlands     2,500     a. Hunting     10. Big game       4. RARE AND ENDANGERED SPECIES     NO. OF SPECIES     ACRES OF HABITAT     (2) Small game       a. Rare     (3) Waterfowl     (2) Small game       b. Endangered     4     500,000     TOTAL (Hunting)       5. WILDLIFE PERSONNEL     NUMBER     b. Fishing       a. Biologists (CSC wildlife series)     /1     c. Nonconsumptive use       b. Coordinators (trained of u::trained     11. COMMEDICIAL EISHING (the. harvested)	2. TERRE	TRIAL AND	ACRES		b. Aquatic		3
Closure of private tames       0       0       1       1       1       0         b. Lack of physical access       0       0       b. Development       0       0         TOTAL (a + b)       0       0       c. Maintenance       0       0         3. WATERFOWL USE       BIRD-DAYS       MOTAL (Habitat Expenditures)       3,400         a. Impoundments       300       10, RECREATION (State Offices complete)       VISITOR DAYS         b. Natural wetlands       2,500       a. Hunting       (1) Big game         4. RARE AND ENDANGERED SPECIES       NO OF SPECIES       ACRES OF HABITAT       (2) Small game         a. Rare       (3) Waterfowl       (3) Waterfowl         b. Endangered       4       500,000       TOTAL (Hunting)         5. WILDLIFE PERSONNEL       NUMBER       b. Fishing       .         a. Biologists (CSC wildlife series)       /1       c. Nonconsumptive use       .         b. Coordinators (trained of u::trained       11       convergental EISHING (the. harvested)	TO PUBL	IC ACCESS			9. HABITAT	EXPENDITURES	DOLLARS
b. Lack of physical access       0	Closure of pr	ivate lands	0	. 0	a. Management		8,400
3. WATERFOWL USE     BIRD-DAYS     MOTAL (Habitat Expenditures)     3,400       a. Impoundments     300     10. RECREATION (State Offices complete)     3,400       b. Natural wetlands     2,500     a. Hunting (1) Big game     VISITOR DAYS       4. RARE AND ENDANGERED SPECIES     NO. OF SPECIES     ACRES OF HABITAT     (2) Small game       a. Rare     (3) Waterfowl	b. Lack of phys	ical access	· 0	0	b. Development		0
a. Impoundments     300     10. RECREATION (State Offices complete)     VISITOR DAYS       b. Natural wetlands     2,500     a. Hunting (1) Big game     VISITOR (2) Small game       4. RARE AND ENDANGERED SPECIES     NO. OF SPECIES     ACRES OF HABITAT     (2) Small game       a. Rare     (3) Waterfowl     (3) Waterfowl       b. Endangered     4     500 r000     TOTAL (Hunting)       5. WILDLIFE PERSONNEL     NUMBER     b. Fishing       a. Biologists (CSC wildlife series)     /1     c. Nonconsumptive use       b. Coordinators (trained of wirrained     11. COMMEDFIAL FISHING (the. harvested)	T	OTAL (a + b)	0	+: .0	c. Maintenance		. 0 ,
a. Impoundments     300     (State Offices complete)     DAYS       b. Natural wetlands     2,500     a. Hunting (1) Big game     DAYS       4. RARE AND ENDANGERED SPECIES     NO. OF SPECIES     ACRES OF HABITAT     (2) Small game       a. Rare     (3) Waterfowl     (3) Waterfowl       b. Endangered     4     500 r000     TOTAL (Hunting)       5. WILDLIFE PERSONNEL     NUMBER     b. Fishing       a. Biologists (CSC wildlife series)     /1     c. Nonconsumptive use       b. Coordinators (trained of w:'rained     11     COMMEDFIAL FISHING (the. harvested)	. 3.	WATERFOWL		D-DAYS	TOTAL (Habita	t Expenditures)	3,400
4. RARE AND ENDANGERED     NO. OF SPECIES     ACRES OF HABITAT     (1) Big game       a. Rare     (2) Small game       b. Endangered     4     500 r000       5. WILDLIFE PERSONNEL     NUMBER     b. Fishing       a. Biologists (CSC wildlife series)     / 1     c. Nonconsumptive use       b. Coordinators (trained or u:trained     11     converted ISNNG (the hervested)	a. Impoundment	s	30	0	10. REC (State Offic	CREATION ces complete)	VISITOR DAYS
species	b. Natural wetl	ands	2,50	0			
Alte	4. RARE AN SP	D ENDANGERE ECIES	D NO. OF SPECIES		(2) Small game		
b. Endangered     4     500,4000       5. WILDLIFE PERSONNEL     NUMBER     b. Fishing       a. Biologists (CSC wildlife series)     / 1     c. Nonconsumptive use       b. Coordinators (trained or u:/rained     11     COMMERCIAL FISHING (the. hervested)	a. Rare				(3) Waterfowl		-
a. Biologists (CSC wildlife series) b. Coordinators (trained or ustrained b. Coordinators (trained or ustrained b. Coordinators (trained or ustrained b. Coordinators (trained or ustrained) b. Coordinators (trained or ustrained b. Coordinators (trained b. Coordinators (t	b. Endangered		4	500, <del>000</del>		TOTAL (Hunting)	
b. Coordinators (trained or univarined 11 COMMERCIAL EISHING (lbs. barvested)	5. W	ILDLIFE PERS	DNNEL	NUMBER	b. Fishing		
b. Coordinators (trained or univalined district coordinators) 11. COMMERCIAL FISHING (lbs. harvested)	a. Biologists (	CSC wildlife s	eries)	1	c. Nonconsumptive	use	
	b. Coordinators	(trained or u: district coord	'rainęd inators)		11. COMMERCIAL F	SISHING (lbs. harvested)	

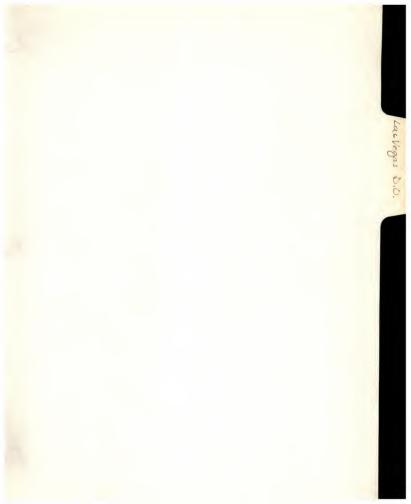
Remarks

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	12. WIL	LIFE POPL	LATIONS AN	D HARVEST FR	ROM	PUBLIC LA	NDS		
		NUMBER					NU	MBER	
SPECIES	POPULATION	AMs	HARVEST	SPECIES		POPULATION	A	Ms	HARVEST
Antelope	300	1500_	25	SUBTOTAL ` (con't)		35,300	· 17	6,500	8025
Bear Brown 0				Elk		150		750	0
				Moose		0			
Black	0		1.	Mountain Goa	it	0			
Buffalo	0	-		Mountain Lion	n	150			30
Caribou	0			Peccary		0			-
Deer Black Tail	0	د		Bighorn Shee	p	35		175	0
White Tail	0			Turkey		, 0			
Mule	35,000	175,000	8,000	Wolf		0			
SUBTOTAL	35,300	176,500	8,025	GRAND TOT		35,635	17	7,425	8,055
		13. 0	IRECT HABIT	TAT IMPROVE! //ice Completes	MEN	ITS			
					5)		CO	ST	
1	ITEM		UNIT OF WORK	UNITS COM- PLETED		BUREAU			TRIBUTED
a. Wildlife food (1) Prescribe			Acres						
(2) Release	spraving, chain	ing	Acres						
(3) Seeding a	and planting		Acres ·						
(4) Waterfow	l marsh		Acres						
(5) Fencing			Miles		•				
(6) Wildlife	water developm	ents	Number						
<ul> <li>b. Fishing stream (1) Channel</li> </ul>			Number				-		
(2) Barrier r	emoval		Number			-		107	
(3) Spawning			Rods					5	REG
(4) Bank sta	bilization		Rods				COMPANY AND INCOME.		
(5) Fencing			Miles					N I	242
(6) Rough fit	sh removal		Miles	· · · · ·	ļ				
c. Fishing lake (1) Aquatic		s	Acres						ANAGE
(2) Rough fi	sh removal		Acres					2	22
(3) New fishing lakes			Acres				-	ő	24
	pools of water		Acre Ft.				j.	P	
	g areas, shelter		Number						•
) Fencing			Miles		L				
				TOTAL					

GPO 859 - 492



Form 6500-1 (July 1970) merly 6960-1)	DEPARTM		TES E INTERIOR NAGEMENT		Office 27-050 Las	Vegas		
<b>`</b> .		E ANNUAL			Fiscal Year			
1. HABITAT CON			(1,000's)	6. WILDLIF	1971 SURVEYS	NUMBER		
a. Terrestrial (1) Big game				a. Use, condition and	trend (transects)	4		
(2) Small game		2,010, <del>000</del>		b. Stream and lake		0		
(3) Waterfowl		1	-685,0 <del>00</del> -	7. HABITAT MAN (Wildlife	AGEMENT PLANS Species)			
	NUMBER	-60(	-700	a. Terrestrial		5		
<ul> <li>b. Aquatic</li> <li>(1) Lakes</li> </ul>	0	0	. 0	b. Aquatic		1		
(2) Reservoirs	0	0	0	8. HABITAT DEVEL (Completed	OPMENT PROJECTS or contracted)	-20		
(3) Stream (total m	iles)	5	- 4	a. Terrestrial		1		
2. TERRESTRIA AQUATIC HABITAT TO PUBLIC AC	2. TERRESTRIAL AND AQUATIC HABITAT BLOCKED		MILES OF STREAMS	b. Aquatic				
BY	0200	HABITAT	STREAMS	9. HABITAT E	DOLLARS			
losure of private	lands	0	0	a. Management	13,000			
b. Lack of physical a	ccess	100,000-	3	b. Development	$\rightarrow$	7,700		
TOTAL	(a + b)	100, <del>000</del>	. 3	c. Maintenance		1,000		
3. WATE	RFOWL USE	BIRD	-DAYS	TOTAL (Habitat	21,700			
a. Impoundments			0	10. RECF (State O//ice	VISITOR DAYS			
b. Natural wetlands		24,0	000	a. Hunting (1) Big game	. •			
4. RARE AND END SPECIES	NGERED	NO. OF SPECIES	ACRES OF	(2) Small game				
a. Rare		5	2,500, <del>000</del>	. (3) Waterfowl	· · ·			
b. Endangered		6	3,000,000	Т	OTAL (Hunting)			
5. WILDLIF	E PERSONNE	EL	NUMBER	b. Fishing				
a. Biologists (CSC wildlife series)			1	c. Nonconsumptive use				
b. Coordinators (trained or untrained district coordinators)			0	11. COMMERCIAL FISHING (lbs. barvested)				

Item 7 above includes all HMP's completed to date.

		NUMBER		SPECIES		NUMBER		
SPECIES	SPECIES POPULATION AMS		HARVEST	SPECIES	POPULATION	AMs	HARVEST	
Antelope	8	96 ~	0	SUBTOTAL				
Bear Brown	0			Elk	60	720	4	
				Moose	0			
Black	0		<u> </u>	Mountain Goa	it O			
Buffalo	0			Mountain Lio	n Unknown			
Caribou	0		-	Peccary	0			
Deer Black Tail	0		2	Bighorn Shee	p 650	9,000	8	
White Tail	0.			Turkey	. 0			
Mule	2,500	30,000	70	Wolf	0			
SUBTOTAL	2,508	30,096	70	GRAND TOT	AL 3,218	39,816	82	
				TAT IMPROVE //ice Complete				
	ITEM		UNIT OF WORK	UNITS COM- PLETED	BUREAU	COST	TRIBUTED	
a. Wildlife food (1) Prescribe		×.	Acres				/	
	spraying, chain	ing	Acres					
(3) Seeding a			Acres ·					
(4) Waterfowl (5) Fencing	1 marsh	· · ·	Miles		. /			
	water developm	ents	Number	2	\$7,000	\$1.	50	
<ul> <li>b. Fishing strea (1) Channel :</li> </ul>	ims		Number					
(2) Barrier re			Number	/				
(3) Spawning			Rods /	· · · · · ·				
(4) Bank sta	bilization		Miles					
(5) Fencing	1		Miles					
(6) Rough fis		/	mies					
<ul> <li>c. Fishing lakes</li> <li>(1) Aquatic p</li> </ul>		s //	Acres					
(2) Rough fis	sh removal	/	Acres					
(3) · New fish		•	Acres					
	pools of water		Acre Ft.					
	g areas, shelter	s, etc.	Number				· · ·	
i) Fencing	/		Miles	L				
<				TOTAL	\$7,000		150	



Form		
(July	1970	))
(for	nerly	6960-1)

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Office

Battle Mountain

Fiscal Year 1971

# WILDLIFE ANNUAL REPORT GENERAL STATISTICS

		GENE	ERAL STATE	STICS	1371	
	1. HABITAT CONDI	ITION	ACRES (	1,000's) UNSATIS.	6. WILDLIFE SURVEYS	NUMBER
	Terrestrial (1) Big game		1,517,000	345,000	a. Use, condition and trend (transects)	23
					b. Stream and lake	1
	(2) Small game		1,833, <del>000</del>		7. HABITAT MANAGEMENT PLANS (Wildlife Species)	A. F. M
	(3) Waterfowl		0	0	a. Terrestrial	2
	Aquatic (1) Lakes	NUMBER 0			b. Aquatic	1
	(2) Reservoirs	0		·'	8. HABITAT DEVELOPMENT PROJECTS (Completed or contracted)	() ()
	(3) Stream (total mil	les)	86	42	a. Terrestrial	0
-	2. TERRESTRIAL	AND	ACRES	MILES	b. Aquatic	0
	TO PUBLIC ACC	ESS	OF HABITAT- (1.000/2)	STREAMS	9. HABITAT EXPENDITURES	DOLLARS
a .	Closure of private la	ands	25, <del>000</del> 1	21	a. Management	10,500
э.	Lack of physical ac	cess	· 0	0	b. Development	0
-	TOTAL	(a + b)	b) 25, <del>00</del> 0 2		c. Maintenance	. 0 /
-	3. WATER	REOWL USE	BIRD	-DAYS	TOTAL (Habitat Expenditures)	
a	. Impoundments				10. RECREATION (State O/fices complete)	VISITOR DAYS
b,	, Natural wetlands				a. Hunting (1) Big game	
-	4. RARE AND ENDA SPECIES	NGERED	NO. OF SPECIES	ACRES OF HABITAT	(2) Small game	
	Rare		2 2		(3) Waterfowl	
b	. Endangered	·	0	0	TOTAL (Hunting)	-
-	5. WILDLIFE	E PERSONN	.I	NUMBER	b. Fishing	
	. Biologists (CSC with	Idlife serie	:s)	0	c. Nonconsumptive use	
b	. Coordinators (traine	ed or u::'rai		1	11. COMMERCIAL FISHING (lbs. barvested)	-
R	Remarks 1 Smith (	Creek (2) Canyon	20,000 a. 8 (5,000 A.) h & Lahonta	)	#4. Acreage not complete f #7. Accumulative for all p accomplishments.	or all spe ast years

(Instructions inside back cover)

•/

SPECIES		NUMBER .	r	SPECIES			JMBER	
SFECIES	POPULATION	AMs ·	HARVEST			POPULATION	AMs.	HARVEST
ope	90	1080 <sup>3</sup>	-	SUBTOTA (con't)	L.,	8990	98,380	1100
Bear Brown	0	0	o	Elk		0.	0	0
Black		0	0	Moose		0	0	0
Buffalo	. 0	0	0	Mountain Go	at	0	0	0
10	-			Mountain Lic	'n			
Caribou	0	0	0	Peccary		0	0	0
Black Tail	0	0	0	Bighorn Shee	ep	50	200 <sup>5</sup>	0
White Tail	0	0	0	Turkey		0	0	0
Mule	8900	97,000 4	1100	Wolf		0	0	0
SUBTOTAL	8930	98,980		GRAND TOTAL		9040	93,180	1100
		13. D	Washington O	TAT IMPROVE //ice Complete	MEN s)	NTS	COST	
n	ITEM		UNIT OF WORK	UNITS COM- PLETED		BUREAU		NTRIBUTED
a. Wildlife food (1) Prescribe			Acres					3
	spraying, chair	ing	Acres	·				
(3) Seeding a			Acres					
(4) Waterfowl	marsh		Acres	·	-			
(5) Fencing	ater developm		Number		-			
b. Fishing strea (1) Channel s	ms	÷	Number *					
(2) Barrier re			Number		L			
(3) Spawning			Rods		-			
(4) Bank stal	Dilization		Rods Miles					
(5) Fencing			Miles					
(6) Rough fis			miles		1-			
<ul> <li>Fishing lakes</li> <li>(1) Aquatic p</li> </ul>		s	Acres					
(2) Rough fis	sh removal		Acres					
(3) 'New fish			Acres	·				
(4) Minimum	pools of water		Acre Ft.		-	·		
	areas, shelter	rs, etc.	Number		-			
(6) Fencing			Miles	1	-			
· ·								

12. WILDLIFE POPULATIONS AND HARVEST FROM PUBLIC LANDS

3 90 animals for 12 mos. = 1080 AM's. 4 8000 animals for 11 mos. = 97,900 AM's 5 50 animals for 4 mos. = 200 AM's.