

IDAHO DEPARTMENT OF FISH AND GAME

Steven M. Huffaker, Director

Project W-170-R-29

Progress Report



STATEWIDE BIRD TRAPPING AND TRANSPLANTING

Study II, Job 4

July 1, 2004 to June 30, 2005

Prepared by:

Jim Hayden Panhandle Region
Jay Crenshaw Clearwater Region
Jon Rachael Southwest Region
Randy Smith..... Magic Valley Region
Carl Anderson Southeast Region
Daryl Meints Upper Snake Region
Tom Keegan..... Salmon Region

Compiled and edited by: Tom Hemker, Wildlife Program Coordinator
Don Kemner, Wildlife Staff Biologist

September 2005
Boise, Idaho



Findings in this report are preliminary in nature and not for publication without permission of the Director of the Idaho Department of Fish and Game.

The Idaho Department of Fish and Game adheres to all applicable state and federal laws and regulations related to discrimination on the basis of race, color, national origin, age, gender, or handicap. If you feel you have been discriminated against in any program, activity, or facility of the Idaho Department of Fish and Game, or if you desire further information, please write to: Idaho Department of Fish and Game, PO Box 25, Boise, ID 83707; or the Office of Human Resources, U.S. Fish and Wildlife Service, Department of the Interior, Washington, DC 20240.

This publication will be made available in alternative formats upon request. Please contact the Idaho Department of Fish and Game for assistance.

TABLE OF CONTENTS

STATEWIDE..... 1
 SUMMARY 1
PANHANDLE REGION 2
 ABSTRACT 2
 Ducks 2
 Geese..... 2
 Pheasant 2
 Quail..... 2
 Forest Grouse 2
 Gray Partridge..... 3
 Wild Turkey 3
 Mourning Dove..... 3
CLEARWATER REGION 4
 ABSTRACT 4
 Ducks 4
 Geese..... 4
 Pheasant 4
 California Quail 4
 Mountain Quail 4
 Forest Grouse 5
 Sharp-tailed Grouse 5
 Chukar Partridge..... 5
 Gray Partridge..... 5
 Wild Turkey 5
 Mourning Dove..... 5
SOUTHWEST REGION 6
 ABSTRACT 6
 Ducks 6
 Geese..... 6
 Pheasant 6
 Quail..... 6

TABLE OF CONTENTS (Continued)

Forest Grouse7
Sage-grouse.....7
Sharp-tailed Grouse7
Chukar Partridge7
Gray Partridge.....7
Wild Turkey7
Mourning Dove.....7
MAGIC VALLEY REGION8
 ABSTRACT.....8
 Ducks8
 Geese.....8
 Pheasant8
 Quail.....8
 Forest Grouse8
 Sage-grouse.....8
 Sharp-tailed Grouse9
 Chukar Partridge9
 Gray Partridge.....9
 Wild Turkey9
 Mourning Dove.....9
SOUTHEAST REGION10
 ABSTRACT.....10
 Ducks10
 Geese.....10
 Pheasant10
 Forest Grouse10
 Sage-grouse.....10
 Sharp-tailed Grouse11
 Chukar Partridge11
 Gray Partridge.....11
 Wild Turkey11

TABLE OF CONTENTS (Continued)

Mourning Dove..... 11

UPPER SNAKE REGION..... 12

 ABSTRACT..... 12

 Ducks 12

 Geese..... 12

 Pheasant 12

 Forest Grouse 12

 Sage-grouse..... 12

 Sharp-tailed Grouse 13

 Chukar Partridge 13

 Gray Partridge..... 13

 Wild Turkey 13

 Mourning Dove..... 13

SALMON REGION..... 14

 ABSTRACT..... 14

 Ducks 14

 Geese..... 14

 Pheasant 14

 Quail..... 14

 Forest Grouse 14

 Sage-grouse..... 15

 Chukar Partridge 15

 Gray Partridge..... 15

 Wild Turkey 15

 Mourning Dove..... 15

LIST OF TABLES

Table 1. Turkey transplant history for Idaho, 1961-present. 16

Table 2. Mourning doves banded in Idaho, 2003-2004. 18

Table 3. Ducks trapped and banded, Panhandle Region, 1993-present. 19

TABLE OF CONTENTS (Continued)

Table 4. Turkey transplant history, Panhandle Region, 1983-present.....20

Table 5. Turkey transplant history, Clearwater Region, 1961-present.22

Table 6. Turkey transplant history, Southwest Region, 1966-present.....25

Table 7. Turkey transplant history, Magic Valley Region, 1982-present.....27

Table 8. Turkey transplant history, Southeast Region, 1982-present.27

Table 9. Turkey transplant history, Upper Snake Region, 1984-present.....28

Table 10. Turkey transplant history, Salmon Region, 1983-present.28

**PROGRESS REPORT
SURVEYS AND INVENTORIES**

STATE:	<u>Idaho</u>	JOB TITLE:	<u>Statewide Bird Trapping and</u>
PROJECT:	<u>W-170-R-29</u>		<u>Transplanting</u>
SUBPROJECT:	<u>1-7</u>	STUDY NAME:	<u>Upland Game and Waterfowl</u>
STUDY:	<u>II</u>		<u>Population Status and Trends</u>
JOB:	<u>4</u>		
PERIOD COVERED:	<u>July 1, 2004 to June 31, 2005</u>		

STATEWIDE

Summary

No trapping or transplanting took place in Idaho for pheasant, California quail, forest grouse, chukar partridge, or gray partridge. The American crow is, and will continue to be, a species with no active management in Idaho.

Panhandle Region trapped and banded 2,215 ducks during summer 2004. Southwest Region trapped, banded, and moved 101 Canada geese in 2004 in attempts to prevent growth of the urban goose population. Seventy-two mountain quail were transplanted into Unit 11 in spring 2005 as part of a project in the Craig Mountain (Clearwater Region) area.

Southeast Region captured and radio-collared 18 sage-grouse in the Greater Curlew area during winter 2004. Salmon Region captured and radio-marked 8 sage-grouse hens and banded 48 males in the Pahsimeroi Valley during spring 2005.

In 2003 and 2004, 84 sharp-tailed grouse (65 males, 19 females) were trapped in southeast Idaho and reintroduced into suitable habitat in the House Creek area, approximately 20 miles west of the Shoshone Basin reintroduction area, in Twin Falls County.

A total of 188 turkeys were trapped and translocated within Idaho during the winter of 2004-2005 (Table 1). In addition, 72 turkeys were trapped in Panhandle Region and transferred to Nevada Game and Fish for release in the Bureau River drainage of Nevada.

In 2003 and 2004, Clearwater, Southwest, Magic Valley, Southeast, Upper Snake, and Salmon regions participated in a statewide effort to trap and band mourning doves as part of a 3-year study by Iowa State University. In 2004, a total of 857 doves were trapped statewide (Table 2). A total of 1,304 doves have been banded so far.

**PROGRESS REPORT
SURVEYS AND INVENTORIES**

STATE:	<u>Idaho</u>	JOB TITLE:	<u>Statewide Bird Trapping and</u>
PROJECT:	<u>W-170-R-29</u>		<u>Transplanting</u>
SUBPROJECT:	<u>1</u>	STUDY NAME:	<u>Upland Game and Waterfowl</u>
STUDY:	<u>II</u>		<u>Population Status and Trends</u>
JOB:	<u>4</u>		
PERIOD COVERED:	<u>July 1, 2004 to June 31, 2005</u>		

PANHANDLE REGION

Abstract

No trapping or transplanting took place in Panhandle Region for geese, pheasant, quail, forest grouse, gray partridge, or mourning doves during the reporting period. A total of 2,215 ducks were trapped and banded by Department personnel in Panhandle Region during summer 2004. In January and February 2005, a total of 90 turkeys were trapped in Units 1, 3, and 4 and released in Unit 5

Ducks

A total of 2,215 ducks were trapped and banded by Department personnel in Panhandle Region during summer 2004 (Table 3). Mallards comprised 90% of the sample. Banding occurred at Coeur d'Alene River, Pend Oreille, McArthur Lake, and Boundary Creek WMAs. No transplanting projects were conducted.

Geese

No Canada geese were trapped or transplanted in Panhandle Region during this reporting period.

Pheasant

No pheasants were trapped or transplanted in Panhandle Region during this reporting period.

Quail

No quail were trapped or transplanted in Panhandle Region during this reporting period.

Forest Grouse

No forest grouse were trapped or transplanted in Panhandle Region during this reporting period.

Gray Partridge

No gray partridge were trapped or transplanted in Panhandle Region during this reporting period.

Wild Turkey

Trapping and removal of turkeys typically occurs in the winter months to alleviate damage to fields, buildings, and equipment where turkeys congregate in large numbers. The winter of 2004-2005 was fairly mild with little snow accumulation and very few complaints about excessive numbers of turkeys. In January and February 2005, a total of 90 turkeys were trapped in Units 1, 3, and 4 and released in Unit 5 (Table 4).

Mourning Dove

Panhandle Region did not participate in the statewide effort to trap and band mourning doves in 2003 and 2004. Instead, our efforts have been focused on trapping and banding ducks.

**PROGRESS REPORT
SURVEYS AND INVENTORIES**

STATE:	<u>Idaho</u>	JOB TITLE:	<u>Statewide Bird Trapping and</u>
PROJECT:	<u>W-170-R-29</u>		<u>Transplanting</u>
SUBPROJECT:	<u>2</u>	STUDY NAME:	<u>Upland Game and Waterfowl</u>
STUDY:	<u>II</u>		<u>Population Status and Trends</u>
JOB:	<u>4</u>		
PERIOD COVERED:	<u>July 1, 2004 to June 31, 2005</u>		

CLEARWATER REGION

Abstract

No trapping or transplanting took place in Clearwater Region for ducks, geese, pheasant, California quail, forest grouse, sharp-tailed grouse, chukar partridge, or gray partridge during the reporting period. Mountain quail were transplanted into Unit 11 in spring 2005 as part of a new quail project initiated in 2004. Seven turkey transplants within Clearwater Region (126 birds) were completed in 2005. The Region also participated in a statewide effort to trap and band mourning doves in 2004 as part of a 3-year study by Iowa State University. In 2004, a total of 63 doves were trapped at 3 sites.

Ducks

No ducks were trapped or transplanted in Clearwater Region during this reporting period.

Geese

No Canada geese were trapped or transplanted in Clearwater Region during this reporting period.

Pheasant

No pheasants were trapped or transplanted in Clearwater Region during this reporting period.

California Quail

No California quail were trapped or transplanted in Clearwater Region during this reporting period.

Mountain Quail

Populations of mountain quail are limited to a few scattered sites ranging from Lewiston to Riggins, primarily adjacent to Salmon River. A final project report from a mountain quail research project has been completed and is available for review. Another mountain quail project

in the Craig Mountain area was begun in spring 2004. Mountain quail were transplanted into Unit 11 in spring 2005 as part of the project. Fifty of the 72 transplanted quail were fitted with radio transmitters. Further details are available in the IDFG research progress report.

Forest Grouse

No forest grouse were trapped or transplanted in Clearwater Region during this reporting period.

Sharp-tailed Grouse

No sharp-tailed grouse were trapped or transplanted in Clearwater Region during this reporting period.

Chukar Partridge

No chukars were trapped or transplanted in Clearwater Region during this reporting period.

Gray Partridge

No gray partridge were trapped or transplanted in Clearwater Region during this reporting period.

Wild Turkey

Trapping efforts are focused on sites where turkeys have become a nuisance on private property by contaminating livestock feed or by damaging agricultural crops as they begin to emerge. Seven turkey transplants within Clearwater Region (126 birds) were completed in 2005 (Table 5). Five sites within the Region were supplemented with birds. Temporary personnel time was, in part, funded by a donation from the National Wild Turkey Federation. Additional sites in the Region will be evaluated for future releases of turkeys.

Mourning Dove

Clearwater Region participated in a statewide effort to trap and band mourning doves in 2003 and 2004 (Table 2). A delayed start and problems with trap-site selection resulted in no doves trapped in 2003. In 2004, a total of 63 doves were trapped at 3 sites (45 adults [27 males, 16 females, 2 unknown] and 18 hatch-year). All doves received a standard leg band; hatch-year doves also received a reward band.

**PROGRESS REPORT
SURVEYS AND INVENTORIES**

STATE:	<u>Idaho</u>	JOB TITLE:	<u>Statewide Bird Trapping and</u>
PROJECT:	<u>W-170-R-29</u>		<u>Transplanting</u>
SUBPROJECT:	<u>3</u>	STUDY NAME:	<u>Upland Game and Waterfowl</u>
STUDY:	<u>II</u>		<u>Population Status and Trends</u>
JOB:	<u>4</u>		
PERIOD COVERED:	<u>July 1, 2004 to June 31, 2005</u>		

SOUTHWEST REGION

Abstract

No trapping or transplanting took place in Southwest Region for ducks, pheasant, quail, forest grouse, sage-grouse, sharp-tailed grouse, chukar partridge, or gray partridge during the reporting period. Forty-five adult geese and 56 goslings were banded, neck-collared, and moved out of the urban area of Boise to the Payette River near New Plymouth. Sixty-two turkeys were trapped in northern Idaho and transplanted in Southwest Region in February 2005. The Region also participated in a statewide effort to trap and band mourning doves in 2004 as part of a 3-year study by Iowa State University. In 2004, a total of 100 doves were trapped at 3 sites.

Ducks

No ducks were trapped or transplanted in Southwest Region during this reporting period.

Geese

During summer 2004, local geese (goslings and adults) were moved out of the urban area of Boise to the Payette River near New Plymouth in attempts to minimize property damage complaints and prevent growth of the urban goose population. Forty-five adult geese and 56 goslings were banded and neck-collared. Surveys of the parks have been done to determine the rate of return on these geese.

Pheasant

No pheasants were trapped or transplanted in Southwest Region during this reporting period.

Quail

No quail were trapped or transplanted in Southwest Region during this reporting period.

Forest Grouse

No forest grouse were trapped or transplanted in Southwest Region during this reporting period.

Sage-grouse

No sage-grouse were trapped or transplanted in Southwest Region during this reporting period.

Sharp-tailed Grouse

No sharp-tailed grouse were trapped or transplanted in Southwest Region during this reporting period.

Chukar Partridge

No chukars were trapped or transplanted in Southwest Region during this reporting period.

Gray Partridge

No gray partridge were trapped or transplanted in Southwest Region during this reporting period.

Wild Turkey

Sixty-two turkeys were trapped in northern Idaho and transplanted in Southwest Region in February 2005 (Table 6). Thirty-two turkeys were released in Garden Valley (Unit 33) and 30 turkeys were released in the Danskin Mountains (Unit 39).

Mourning Dove

Southwest Region participated in a statewide effort to trap and band mourning doves in 2003 and 2004 (Table 2). Sixty-five doves were trapped at 2 sites in 2003 (32 adults [20 males, 12 females] and 33 hatch-year). All doves received a standard leg band on the right leg, and for all odd-numbered bands, a gold band was placed on the opposite leg. In 2004, a total of 100 doves were trapped at 3 sites (51 adults [31 males, 10 females, 10 unknown] and 49 hatch-year). All doves received a standard leg band; hatch-year doves also received a reward band on the opposite leg.

**PROGRESS REPORT
SURVEYS AND INVENTORIES**

STATE:	<u>Idaho</u>	JOB TITLE:	<u>Statewide Bird Trapping and</u>
PROJECT:	<u>W-170-R-29</u>		<u>Transplanting</u>
SUBPROJECT:	<u>4</u>	STUDY NAME:	<u>Upland Game and Waterfowl</u>
STUDY:	<u>II</u>		<u>Population Status and Trends</u>
JOB:	<u>4</u>		
PERIOD COVERED:	<u>July 1, 2004 to June 31, 2005</u>		

MAGIC VALLEY REGION

Abstract

No trapping or transplanting took place in Magic Valley Region for ducks, geese, pheasant, quail, forest grouse, sage-grouse, chukar partridge, gray partridge, or turkey during the reporting period.

Ducks

No ducks were trapped or transplanted in Magic Valley Region during this reporting period.

Geese

No Canada geese were trapped or transplanted in Magic Valley Region during this reporting period.

Pheasant

No pheasants were trapped or transplanted in Magic Valley Region during this reporting period.

Quail

No quail were trapped or transplanted in Magic Valley Region during this reporting period.

Forest Grouse

No forest grouse were trapped or transplanted in Magic Valley Region during this reporting period.

Sage-grouse

No sage-grouse were trapped or transplanted in Magic Valley Region during this reporting period.

Sharp-tailed Grouse

During 1992-2004, 820 Columbian sharp-tailed grouse (501 males, 319 females) were trapped in southeast Idaho for reintroduction projects in Idaho, Oregon, Washington, and Nevada. Four hundred forty-four grouse were released in the Shoshone Basin and House Creek areas, Twin Falls County, Idaho, and 383 birds were provided to the other states.

During 2003 and 2004, sharp-tailed grouse were transplanted to the House Creek area in southwest Twin Falls County. Eighty-four grouse (65 males, 19 females) were released at the Aslett "House Creek Ranch" using a soft release technique developed in previous years.

Chukar Partridge

No chukars were trapped or transplanted in Magic Valley Region during this reporting period.

Gray Partridge

No gray partridge were trapped or transplanted in Magic Valley Region during this reporting period.

Wild Turkey

From 1988-2001, 152 Rio Grande turkeys were released at the Big Cottonwood WMA (Table 7). An estimate of the population is unavailable, but the goal of developing a self-sustaining population has been achieved. No turkeys were trapped or transplanted in Magic Valley Region during this reporting period.

Mourning Dove

Magic Valley Region participated in a statewide effort to trap and band mourning doves in 2003 and 2004 (Table 2). Two hundred doves were trapped at 8 sites in 2003 (98 adults [47 males, 45 females, 6 unknown], 96 hatch-year, and 6 unknown). All doves received a standard leg band on the right leg, and for all odd-numbered bands, a gold band was placed on the opposite leg. In 2004, a total of 185 doves were trapped at 6 sites (81 adults [65 males, 14 females, 2 unknown] and 104 hatch-year). All doves received a standard leg band; hatch-year doves also received a reward band on the opposite leg.

**PROGRESS REPORT
SURVEYS AND INVENTORIES**

STATE:	<u>Idaho</u>	JOB TITLE:	<u>Statewide Bird Trapping and</u>
PROJECT:	<u>W-170-R-29</u>		<u>Transplanting</u>
SUBPROJECT:	<u>5</u>	STUDY NAME:	<u>Upland Game and Waterfowl</u>
STUDY:	<u>II</u>		<u>Population Status and Trends</u>
JOB:	<u>4</u>		
PERIOD COVERED:	<u>July 1, 2004 to June 31, 2005</u>		

SOUTHEAST REGION

Abstract

No trapping or transplanting took place in Southeast Region for ducks, geese, pheasant, forest grouse, chukar partridge, gray partridge, or turkey during the reporting period. Eighteen sage-grouse were captured and radio-collared in winter 2004 to determine sage-grouse wintering habitat in the Greater Curlew area. The Region also participated in a statewide effort to trap and band mourning doves in 2004 as part of a 3-year study by Iowa State University. In 2004, a total of 139 doves were trapped at 2 sites.

Ducks

No ducks were trapped or transplanted in Southeast Region during this reporting period.

Geese

No Canada geese were trapped or transplanted in Southeast Region during this reporting period.

Pheasant

No pheasants were trapped or transplanted in Southeast Region during this reporting period.

Forest Grouse

No forest grouse were trapped or transplanted in Southeast Region during this reporting period.

Sage-grouse

Thirty-three sage-grouse were radio-collared in the Greater Curlew area during spring 2002. Birds were monitored through the nesting, brood-rearing season and into the winter months, primarily to identify areas of use during those periods. Monitoring was continued through spring 2003, although no additional birds were marked. Eighteen sage-grouse were captured and radio-

collared in winter 2004 to determine sage-grouse wintering habitat in the Greater Curlew area. The study will continue over the next 3 years.

Sharp-tailed Grouse

See Magic Valley Region section.

Chukar Partridge

No chukars were trapped or transplanted in Southeast Region during this reporting period.

Gray Partridge

No gray partridge were trapped or transplanted in Southeast Region during this reporting period.

Wild Turkey

Wild turkeys have been transplanted into three general areas in Southeast Region during the last two decades (Table 8). No turkeys were trapped or transplanted during this reporting period.

Mourning Dove

Southeast Region participated in a statewide effort to trap and band mourning doves in 2003 and 2004 (Table 2). Eighty doves were trapped at Sterling WMA in 2003 (29 adults [17 males, 11 females, 1 unknown], 50 hatch-year, and 1 unknown). All doves received a standard leg band on the right leg, and for all odd-numbered bands, a gold band was placed on the opposite leg. In 2004, a total of 139 doves were trapped at 2 sites (106 adults [54 males, 45 females, 7 unknown] and 33 hatch-year). All doves received a standard leg band; hatch-year doves also received a reward band on the opposite leg.

**PROGRESS REPORT
SURVEYS AND INVENTORIES**

STATE:	<u>Idaho</u>	JOB TITLE:	<u>Statewide Bird Trapping and</u>
PROJECT:	<u>W-170-R-29</u>		<u>Transplanting</u>
SUBPROJECT:	<u>6</u>	STUDY NAME:	<u>Upland Game and Waterfowl</u>
STUDY:	<u>II</u>		<u>Population Status and Trends</u>
JOB:	<u>4</u>		
PERIOD COVERED:	<u>July 1, 2004 to June 31, 2005</u>		

UPPER SNAKE REGION

Abstract

No trapping or transplanting took place in Upper Snake Region for ducks, geese, pheasant, forest grouse, sage-grouse, sharp-tailed grouse, chukar partridge, gray partridge, or turkey during the reporting period. The Region participated in a statewide effort to trap and band mourning doves in 2004 as part of a 3-year study by Iowa State University. In 2004, a total of 226 doves were trapped at 2 sites.

Ducks

No ducks were trapped or transplanted in Upper Snake Region during this reporting period.

Geese

No Canada geese were trapped or transplanted in Upper Snake Region during this reporting period.

Pheasant

No pheasants were trapped or transplanted in Upper Snake Region during this reporting period.

Forest Grouse

No forest grouse were trapped or transplanted in Upper Snake Region during this reporting period.

Sage-grouse

No sage-grouse were trapped or transplanted in Upper Snake Region during this reporting period.

Sharp-tailed Grouse

No sharp-tailed grouse were trapped or transplanted in Upper Snake Region during this reporting period.

Chukar Partridge

No chukars were trapped or transplanted in Upper Snake Region during this reporting period.

Gray Partridge

No gray partridge were trapped or transplanted in Upper Snake Region during this reporting period.

Wild Turkey

Fifty-nine turkeys were released on the Big Lost River below Mackay in February and March 1999 (Table 9). The first hunt on this population was offered in the spring of 2002. A total of 670 Merriam's turkeys have been released in Units 63A, 67, and 69 since the 2000-2001 winter. No turkeys were trapped or transplanted in Upper Snake Region during this reporting period.

Mourning Dove

Upper Snake Region participated in a statewide effort to trap and band mourning doves in 2003 and 2004 (Table 2). Twenty doves were trapped at 2 sites in 2003 (12 adults [4 males, 7 females, 1 unknown] and 8 hatch-year). All doves received a standard leg band on the right leg, and for all odd-numbered bands, a gold band was placed on the opposite leg. In 2004, a total of 226 doves were trapped at 2 sites (104 adults [73 males, 20 females, 11 unknown] and 122 hatch-year). All doves received a standard leg band; hatch-year doves also received a reward band on the opposite leg.

**PROGRESS REPORT
SURVEYS AND INVENTORIES**

STATE:	<u>Idaho</u>	JOB TITLE:	<u>Statewide Bird Trapping and</u>
PROJECT:	<u>W-170-R-29</u>		<u>Transplanting</u>
SUBPROJECT:	<u>7</u>	STUDY NAME:	<u>Upland Game and Waterfowl</u>
STUDY:	<u>II</u>		<u>Population Status and Trends</u>
JOB:	<u>4</u>		
PERIOD COVERED:	<u>July 1, 2004 to June 31, 2005</u>		

SALMON REGION

Abstract

No trapping or transplanting took place in Salmon Region for ducks, geese, pheasant, quail, forest grouse, chukar partridge, gray partridge, or wild turkey during the reporting period. In 2004, we captured and radio-marked 10 sage-grouse hens and banded 30 males in upper Lemhi basin. In Pahsimeroi Valley, we radio-marked 8 hens and banded 48 males during spring 2005. The Region also participated in a statewide effort to trap and band mourning doves in 2004 as part of a 3-year study by Iowa State University. In 2004, a total of 144 mourning doves were trapped at 2 sites.

Ducks

No ducks were trapped or transplanted in Salmon Region during this reporting period.

Geese

No Canada geese were trapped or transplanted in Salmon Region during this reporting period.

Pheasant

No pheasants were trapped or transplanted in Salmon Region during this reporting period.

Quail

No quail were trapped or transplanted in Salmon Region during this reporting period.

Forest Grouse

No forest grouse were trapped or transplanted in Salmon Region during this reporting period.

Sage-grouse

A challenge cost-share project with BLM was initiated spring 2003 with a goal of identifying nest locations and brood-rearing areas in the upper Lemhi basin. During early April 2003, 12 females and 5 males were radio-marked. Ten of 11 hens that survived to nesting season initiated nests. Of those, 3 were successful (≥ 1 egg hatched), but only 1 hen was observed with chicks. Habitat measurements collected at nest sites indicated vegetation parameters fell within the guidelines identified by Connelly et al. (2000). Six (4 female, 2 male) of 17 sage-grouse marked in 2003 survived to March 2004; 7 birds died and 4 were censored. Only 1 of 14 marked birds that survived to autumn was reported as harvested during the 2003 season (a banded hen that had shed the radio transmitter).

Cost-share work on sage-grouse was continued in 2004 when we radio-marked 10 hens (3 adult, 7 yearling) and banded 30 males. We detected only 3 nest attempts from 11 hens (including 4 marked in 2003) and no nests hatched. Only 1 bird was reported harvested (a male) during the 2004 hunting season.

As part of a project funded through the Challis Sage-grouse Local Working Group, we captured and radio-marked 8 hens and banded 48 males in the Pahsimeroi Valley during spring 2005. Two females died shortly after capture; 3 of the remaining 6 hens initiated nests. We plan to capture additional females during late summer to increase sample size for the 2006 nesting season.

Chukar Partridge

No chukars were trapped or transplanted in Salmon Region during this reporting period.

Gray Partridge

No gray partridge were trapped or transplanted in Salmon Region during this reporting period.

Wild Turkey

Between 1991-1999, 139 wild turkeys were released in Salmon Region to augment existing groups and in novel areas (Table 10). No turkeys were trapped or transplanted during this reporting period.

Mourning Dove

Salmon Region participated in a statewide effort to trap and band mourning doves in 2003 and 2004 (Table 2). Eighty-two doves were trapped at 2 sites in 2003 (65 adults [37 males, 22 females, 6 unknown] and 17 hatch-year). All doves received a standard leg band on the right leg, and for all odd-numbered bands, a gold band was placed on the opposite leg. In 2004, a total of 144 doves were trapped at 2 sites (100 adults [63 males, 19 females, 18 unknown] and 44 hatch-year). All doves received a standard leg band; hatch-year doves also received a reward band on the opposite leg.

Table 1. Turkey transplant history for Idaho, 1961-present.

Year	Sub-species ^a	Release site	Source	Birds released
1961	M	Unit 18	Colorado	17
1962	M	Unit 18	Colorado	11
1963	M	Unit 14	Colorado	11
1965	M	Unit 11	Unit 18	10
1966	M	Units 11, 39	Unit 14	14
1967	M	Unit 22		19
1970	M	Unit 32		14
1971	M	Unit 8	Unit 6	15
	M	Boundary County		60 ^b
1972	M	Unit 8	Unit 6	2
	M	Boundary County		24 ^b
1973	M	Units 8, 11	Unit 6	6
1979	M	Unit 31		5
1980	M	Unit 18	South Dakota	10
1982	M	Units 11, 14	South Dakota	31
	R	Unit 11A	KS, OK, TX	51
	R	Units 22, 38, 53, SE Region		115
	M	Units 22, 25, 32		38
1983	R	Unit 11A	Oklahoma, Texas	18
	M, R	Units 28, 39, 55		84
1984	R	Units 40, 55, SE Region		65
	R	Unit 63A	Texas	32
1985	R	Unit 13	Texas	34
	E	Unit 10A	Pennsylvania	16
	R	Units 28, 40		7
1986	M	Unit 8	Unit 22	34
	R	Unit 11	North Dakota	14
	M	Unit 39		17
	R	Unit 40		14
1987	M	Unit 39		20
1988	M	Units 8, 11A, 13	Units 11 & 22	83
	M	Units 39, 54		45
	R	Unit 63A	Unit 32A	12
1989	M	Unit 11A	Unit 10A	18
	R	Unit 38		14
1990	M	Unit 14	Unit 8	16
	E	Unit 10A	North Dakota	17
	M	Units 22, 31, 39, SE Region		156
1991	M	Units 11, 11A, 14	Units 1, 8, 9, 11	113
	E, R	Units 8A, 10A	North Dakota	80
	M	Units 28, 36B		40
1992	M	Units 11	Unit 1	28
	M	Units 11, 14	North Dakota	48
1993	M	Units 10A, 11, 14	Units 1, 3, 8	93
	M	Units 11, 13	North Dakota	49
	M	Units 21A, 31, 32A, 36B, 39, SE Reg.		260
	R	Units 32, 38		58

Table 1. Continued.

Year	Sub-species ^a	Release site	Source	Birds released
1994	M	Units 8, 11A, 14	Units 1, 8, 11A	90
	R	Units 38, 54		59
	M	Unit 32, SE Region		142
1995	M	Units 8, 11A, 14	Units 8, 11A	36
	M	Unit 33		57
	R	Unit 54		14
1996	M	Units 8, 11	British Columbia	63
	M	Units 11, 15	Units 8, 10A, 11A	54
	R	Units 38, 54		28
1997	M	Units 8A, 11, 13, 15, 18	Idaho	261
	R	Unit 32		35
	M	Units 31, 33		105
1998	M	Units 14, 18, 20, 32A, 33	Units 8, 10A, 11, 15	121
	M	Units 31, 32, 39		53
	R	Units 32, 54		92
1999	M	Units 15, 23	Unit 10A	64
	R	Units 32, 54		62
	M	Units 28, 37, 39, 50		140
	U	SE Region		15
2000	M	Units 11, 13, 14, 15, 18, 63A	Idaho	332
	U	SE Region		50
2001	M	Units 15, 63A	Idaho	436
	R	Unit 54	California	41
	U	Unit 71		136
2002	M	Units 10A, 11, 14, 15, 63A, 67, 69	Idaho	227
2003	H	Units 11, 63A, 67, 69	Idaho	196
2004	M	Units 5, 8A, 11, 54, 68A,	Idaho	227
2005	M	Units 5, 11, 13, 15, 33, 39	Idaho	227
Total				5,301

^a E = Eastern; H = Hybrid; M = Merriam's; R = Rio Grande; U = Unknown.

^b Approximate number of game farm birds released in Boundary County by private citizens.

Table 2. Mourning doves banded in Idaho, 2003-2004.

Year Region	Adult			Hatch-year	Unknown	Total
	Male	Female	Unknown			
2003						
Panhandle	0	0	0	0	0	0
Clearwater	0	0	0	0	0	0
Southwest	20	12	0	33	0	65
Magic Valley	47	45	6	96	6	200
Southeast	17	11	1	50	1	80
Upper Snake	4	7	1	8	0	20
Salmon	37	22	6	17	0	82
2003 Total	125	97	14	204	7	447
2004						
Panhandle	0	0	0	0	0	0
Clearwater	27	16	2	18	0	63
Southwest	31	10	10	49	0	100
Magic Valley	65	14	2	104	0	185
Southeast	54	45	7	33	0	139
Upper Snake	73	20	11	122	0	226
Salmon	63	19	18	44	0	144
2004 Total	313	124	50	370	0	857
Grand Total	438	221	64	574	7	1,304

Table 3. Ducks trapped and banded, Panhandle Region, 1993-present.

Year	Species								Total
	Mallard	Wood duck	Ring-necked	Redhead	Pintail	Widgeon	Teal	Gadwall	
1993	496	83	0	2	0	9	4	0	595 ^a
1994	616	75	0	10	0	0	0	0	701
1995	550	174	0	12	5	0	23	2	766
1996	888	120	0	9	0	0	3	0	1,020
1997	1,177	205	0	1	6	4	5	0	1,399 ^b
1998	569	96	0	1	0	0	2	0	668
1999	688	77	0	4	3	1	1	0	774
2000	187	15	0	0	2	0	4	1	209
2001	294	47	0	0	0	0	0	1	342
2002	809	92	1	0	0	0	18	0	920
2003	2,043	89	0	4	0	0	6	0	2,142
2004	1,992	193	1	1	1	0	27	0	2,215
Total	10,309	1,266	2	44	17	14	93	4	11,751

^a Total includes 1 common goldeneye.

^b Total includes 1 hooded merganser.

Table 4. Turkey transplant history, Panhandle Region, 1983-present.

Year	Release site	Birds released
1983	Unit 1 - Naples	7
	Unit 3 - Swan Lake (10), Thompson (12)	22
1984	Unit 3 - Killarney Lake	13
1985	Unit 1 - McArthur Lake WMA (12), Kootenai NWR (19)	31
1986	Unit 1 - Bonner Lake	13
	Unit 3 - Folsom Ridge	17
1987	Unit 1 - Clark Fork (19), McArthur Lake WMA (27)	46
	Unit 2 - Blanchard	45
	Unit 4A - Cedar Ck (24), Granite Ck (25)	49
1988	Unit 1 - Kootenai NWR	27
	Unit 3 - Canyon School	21
	Unit 4 - Latour Ck	24
1990	Unit 1 - North Side-Pend Oreille River	26
	Unit 3 - Hardy Gulch (24), Lancaster Ck (36)	60
	Unit 6 - Hells Gulch	20
1991	Unit 5 - Tensed	35
1992	Unit 2 - Upper Hoodoo Ck (43), Twin Lakes (28), Athol (48)	119
1993	Unit 1 - McArthur Lake	14
	Unit 2 - Beaver Lake (50), Bayview (14)	64
	Unit 3 - Rickel Ranch	26
	Unit 10A - Whiskey Ck (17), Whitebird Ck (30)	47
	Unit 11 - Wapshilla Ck	12
1994	Unit 1 - Riley Ck	24
	Unit 2 - Hauser Lake (6), Hickman Ck (26), Hidden Valley (15)	47
	Unit 5 - Fighting Ck N (41), Fighting Ck S (16), Lake Ck (9)	66
	Unit 5 - Plummer CD'A Res (13), Sheep Ck (25)	38
	Unit 8 - Flannigan Ck	32
	Unit 14 - Allison Ck	11
1995	Unit 2 - Gamble Lake (25), N Blanchard (18), Sagle Ck (20)	63
	Unit 2 - Lorne Irwin Ranch (19), S McDonald Ck (12)	31
	Unit 5 - Cougar Ck (24), Lake Ck (11), Sheep Ck (8)	43
	Unit 6 - Lower Santa Ck (15), Reeds Ck (21), Up. Santa Ck (14)	50
1996	Unit 1 - Boyer Slough	12
	Unit 2 - Hoodoo Mtn (12), Careywood Ck (25), Cocolalla Lk (23)	60
	Unit 3 - French Gulch (6), Hayden Ck (11)	17
	Unit 4 - Black Ck	9
	Unit 5 - Kid Ck (12), Little Hangman Ck (8), Plummer Butte (15)	35
	Unit 5 - S Fork Rock Ck (21), Cougar Ck (4), Lake Ck (19)	44
	Clearwater Region	77
1997	Unit 1 - McArthur Lake (39), Boyer Slough (12)	51
	Unit 1 - West Fork Moores Ck	15
	Unit 2 - Hidden Valley (16), Farragut WMA (22), Garwood (3)	41
	Unit 3 - French Gulch	7
	Unit 4 - Black Lake (27), Harrison Flats (25)	52

Table 4. Continued.

Year	Release site	Birds released
1998	Unit 5 - Cougar Ck (24), Lake Ck (35), Liberty Butte (21)	80
	Unit 1 - Norman	10
	Unit 5 - Cougar Ck	11
	Salmon Region California	60 189
1999	Unit 2 - Morton Slough	15
	Unit 3 - Black Lake	78
	Unit 5 - Sunup Bay	18
2000	Unit 63A - Archer	46
2001	Southeast and Upper Snake regions	456
2002	Units 63A, 67, 69	128
2003	Unit 3	18
	Unit 5	38
	Nevada	22
2004	Unit 5	90

Table 5. Turkey transplant history, Clearwater Region, 1961-present.

Year	Sub-species ^a	Release site Drainage-Unit	Source-Unit	Birds released			New or supplemental release
				M	F	Total	
1961	M	Deer Cr-18	Colorado	4	13	17	N
1962	M	Shingle Cr-18	Colorado	3	8	11	N
1963	M	Skookumchuck Cr-14	Colorado	4	7	11	N
1965	M	Webb Cr-11	Shingle Cr-18	2	8	10	N
1966	M	Webb Cr-11	John Day Cr-14	2	0	2	S
1971	M	Potlatch R-8	St. Maries-6	4	11	15	N
1972	M	Potlatch R-8	St. Maries-6	2	0	2	S
1973	M	Potlatch R-8	St. Maries-6	2	0	2	S
	M	Webb Cr-11	St. Maries-6	4	0	4	S
1980	M	Deer Cr-18	South Dakota	3	7	10	S
1982	M	Capt John Cr-11	South Dakota	5	14	19	N
	M	Slate Cr-14	South Dakota	3	9	12	S
	R	Lawyers Cr-11A	Kansas, Texas	7	17	24	N
	R	Cottonwood Cr-11A	Texas	4	8	12	N
	R	Big Canyon Cr-11A	Oklahoma	4	11	15	N
1983	R	Big Canyon Cr-11A	Oklahoma, Texas	3	15	18	S
1985	R	Wolf Cr-13	Texas	4	30	34	N
	E	Canyon Cr-10A	Pennsylvania	6	10	16	N
1986	M	Bedrock Cr-8	Hornet Cr-22	4	14	18	N
	M	Pine Cr-8	Hornet Cr-22	4	12	16	N
	R	Deer Cr-11	North Dakota	4	10	14	N
1988	M	Cottonwood Cr-13	Cottonwood Butte-11	4	21	25	N
	M	Bear Cr-8	Hornet Cr-22, Capt John Cr-11	6	23	29	N
	M	Six-Mile Cr-11A	Hornet Cr-22, Capt John Cr-11	11	18	29	N
1989	M	Lawyers Cr-11A	Woodland-10A	3	15	18	S
1990	M	John Day Cr-14	Big Bear Cr-8	6	10	16	N
	E	Jim Ford Cr-10A	North Dakota	9	8	17	N
1991	M	John Day Cr-14	Big Bear Cr-8	3	14	17	S
	M	Little Canyon-11A	Brush Cr-9	10	24	34	N
	M	Big Canyon Cr-11	Dawson Ridge-1	10	25	35	S
	E, R	Upper Fords Cr-10A	North Dakota	5	35	40	S
	E	Dicks Cr-8A	North Dakota	4	36	40	N
	M	Slate Cr-14	Cottonwood Butte-11	6	21	27	S
1992	M	Lawyers Cr-11	Kootenai R-1	7	21	28	N
	M	Skookumchuck Cr-14	North Dakota	10	21	31	S
	M	Cottonwood Butte-11	North Dakota	7	10	17	S
1993	M	White Bird Cr-14	Grouse Cr-1	6	24	30	S
	M	Hamilton Cr-13	North Dakota	4	20	24	S
	M	Rock Cr-11	North Dakota	3	22	25	N
	M	Orofino Cr-10A	Big Bear Cr-8	6	20	26	S
	M	Rock Cr-11	Big Bear Cr-8	3	0	3	N
	M	Wapshilla Cr-11	Blue Cr-3	4	8	12	S
	M	Whiskey Cr-10A	Grouse Cr-1	6	6	12	S
	M	Whiskey Cr-10A	Blue Cr-3	2	8	10	S

Table 5. Continued.

Year	Sub-species ^a	Release site Drainage-Unit	Source-Unit	Birds released			New or supplemental release	
				M	F	Total		
1994	M	Pickle Canyon-11A	Big Bear Cr-8	5	12	17	N	
	M	Pickle Canyon-11A	Little Canyon-11A	5	0	5	N	
	M	Allison Cr-14	Big Bear Cr-8	6	4	10	N	
	M	Allison Cr-14	Big Bear Cr-8	0	11	11	N	
	M	Allison Cr-14	Maas G-1	0	8	8	N	
	M	Allison Cr-14	Houcks Spur-1	4	0	4	N	
	M	Flannigan Cr-8	Maas G-1	1	2	3	N	
	M	Flannigan Cr-8	Houcks Spur-1	4	24	28	N	
	M	Flannigan Cr-8	Little Canyon-11A	4	0	4	N	
1995	M	5-Mile Cr-11A	Big Bear Cr-8	6	0	6	S	
	M	Flat Cr-8	Big Bear Cr-8	6	0	6	N	
	M	Allison Cr-14	Crow Bench-11A	1	18	19	S	
1996	M	Allison Cr-14	Cottonwood Cr-11A	5	0	5	S	
	M	Deep Cr-8	Port Hill, B.C.	12	18	30	N	
	M	Boulder Cr-8	Port Hill, B.C.	3	5	8	S	
	M	Eagle Cr-11	Port Hill, B.C.	6	19	25	N	
	M	Grave Cr-11	Orofino-10A	1	5	6	N	
	M	Deer Cr-11	Big Bear Cr-8	10	28	38	N	
	M	Blanco Cr-15	Jacks Cr-11A	4	6	10	N	
	1997	M	Squaw Cr-18	Armiger-10A	8	27	35	N
		M	Castle Cr-15	Armiger-10A	8	21	29	N
M		Rice Cr-13	Panhandle Region	10	24	34	N	
M		Nora Cr-8A	Panhandle Region	10	33	43	N	
M		Billy Cr-11	Crow Bench-10A	10	27	37	N	
M		Cottonwood Cr-11	Big Bear Cr-8	8	27	35	N	
M		Dough Cr-11	Armiger-10A	6	19	25	N	
M		Blanco Cr-15	Mt Idaho-15	10	13	23	S	
1998		M	MF Payette-33	Packard-8	6	24	30	N
	M	Papoose Cr-18	Lathrop-10A	6	29	35	N	
	M	Allison Ranch-20	Mt Idaho-15	5	20	25	N	
	M	Allison Cr-14	Duman-11	5	9	14	S	
	M	Little Weiser-32W	Duman-11	6	11	17	S	
	M	California	Duman, et al-11	6	26	32	NA	
1999	M	Schwartz Cr-15	Bott Ranch-10A	3	21	24	N	
	M	Rapid River-23	Busta-10A	12	28	40	N	
	M	California	Bott Ranch-10A	3	24	27	NA	
2000	M	Rapid River-18	Bott Ranch-10A	4	14	18	S	
	M	Rice Cr-13	Groom, et al-11A	6	28	34	S	
	M	Divide Cr-13	Bott, et al-10A	1	24	25	S	
	M	Getta Cr-13	Gray, et al-10A	8	40	48	S	
	M	Big Canyon Cr-13	Bott, et al-10A	6	14	20	S	
	M	Wolf Cr-13	Duclercque-10A	6	11	17	S	
	M	Hi-Range Cr-13	Gray, et al-10A	3	20	23	S	
	M	Slate Cr-14	Gray-10A	2	23	25	S	
	M	Red River-15	Duclercque-10A	1	22	23	S	
	M	Billy Cr-11	Bott Ranch-10A	1	7	8	S	

Table 5. Continued.

Year	Sub-species ^a	Release site Drainage-Unit	Source-Unit	Birds released			New or supplemental release
				M	F	Total	
2001	M	Snake River-63A	Thompson-8	5	20	25	N
	M	Red River-15	Busta-10A	14	6	20	S
2002	M	Bob Smith Canyon Robber's Roost-71	Bott-10A	2	21	23	N
	M	Bob Smith Canyon Robber's Roost-71	Wilcox-10A	10	0	10	N
	M	Bob Smith Canyon Robber's Roost-71	Gray-10A	5	17	22	N
	M	Binninger-10A	Gray-10A	0	1	1	S
	M	Craig Mtn-11	Gray-10A	0	3	3	S
	M	Slate & Squaw Cr-14	Crabtree-15			29	S
	M	Main Snake below confluence-63A	Grandi-8	2	4	6	N
	M	Main Snake below confluence-63A	Jackson-10A	4	11	15	N
	M	Main Snake below confluence-63A	Crabtree-15	1	24	25	N
	M	Castle Cr-15	Lucas-15	0	14	14	S
	M	Eagle Cr-11	Lucas-15	0	13	13	S
2003	H	Eagle Cr-11	Harris-8A	0	10	10	S
	H	Eagle Cr-11	Weidner-11A	3	20	23	S
2004	H	SE Idaho	Frei-11	10	21	31	S
	H	Billy Cr-11	Frei-11	12	1	13	S
	H	Nevada	Frei-11	15	7	22	N
	H	F.S. Road 1963-8A	Frei-11	0	16	16	N
	H	Eagle Cr-11	Weidner-10A	10	26	36	S
	H	Benton Meadows-11	Weidner-10A	3	32	35	S
	H	Billy Cr-11	Weidner-10A	7	8	15	S
	H	Nevada	Weidner-10A	3	10	13	N
	H	SE Idaho	Nicolls-10A	2	9	11	S
	H	Nevada	Nicolls-10A	6	12	18	N
2005	H	Castle Cr-15	Stover-13	4	14	18	S
	H	Rice Cr-13	Stover-13	5	24	29	S
	H	Earthquake Cr-15	Ross-15	4	47	51	S
	H	Hungry ridge-15	Ross-15	1	19	20	S
	H	Captain John Cr-11	Ross-15	0	8	8	S

^a E = Eastern; M = Merriam's; R = Rio Grande; H = Hybrid.

Table 6. Turkey transplant history, Southwest Region, 1966-present.

Year	Sub-species ^a	Release site-Unit	Birds released	New or supplemental release
1966	M	SF Boise River-39	12	N
1967	M	Wildhorse River-22	19	N
1970	M	Payette River at Banks-32	14	N
1979	M	Pine Creek-31	5	N
1982	R	Fort Boise WMA-38	24	N
	M	SF Salmon River-25	18	N
	M	Payette River at Banks-32	15	S
	M	Hornet Creek-22	4	S
	M	Fruitvale-22	1	S
	R	Kennedy WMA-38	16	N
	R	Goodrich Creek-22	19	N
1983	M	SF Boise River-39	15	S
	M	MF Boise River-39	15	N
	M	Cottonwood Creek-39	14	N
1984	R	Boulder Creek-40	27	N
1985	R	Boulder Creek-40	2	S
1986	M	Dead Dog Creek-39	17	N
	R	C.J. Strike WMA-40	14	N
1987	M	Porter Creek-39	10	N
	M	Harris Creek-39	10	N
1988	M	Harris Creek-39	10	S
	M	Porter Creek-39	7	S
	M	Eagleson Summit-39	11	N
1989	R	Boise River at Caldwell-38	14	N
1990	M	Cottonwood Creek-31	25	N
	M	Dukes Creek-22	28	N
	M	Indian Creek-22	28	N
	M	WF Brownlee Creek-31	28	N
	M	Hornet Creek-22	13	S
	M	Stack Rock-39	20	N
1993	M	Robie Creek-39	22	S
	M	Thorn Creek-39	24	N
	M	Wilderness Ranch-39	29	S
	M	Corral Creek-39	25	N
	M	Ola-32A	22	N
	M	Squaw Creek-32A	46	N
	M	Sturgill Creek-31	37	N
	R	Payette River-32	5	S
	R	Boise River-38	26	N
	R	Boise River-38	27	N
1994	R	Boise River-38	24	N
	R	Boise River-38	29	N
	M	Ola-32	22	S
	M	Squaw Creek-32	24	S
1995	M	Alder Creek-33	27	N
	M	MF Payette River-33	30	N
1996	R	Payette River WMA-38	20	N

Table 6. Continued.

Year	Sub-species ^a	Release site-Unit	Birds released	New or supplemental release
1997	R	Payette River WMA-32	18	N
	R	Payette River WMA-32	17	N
	M	Bunch Creek-33	18	N
	M	MF Payette River-33	33	S
	M	Keithly Creek-31	27	N
	M	Dennett Creek-33	27	N
1998	M	Little Weiser River-32	17	N
	M	Mann Creek-31	19	S
	M	SF Boise River-39	17	S
	R	Payette River WMA-32	17	N
	R	Payette River WMA-32	20	S
1999	R	Letha-32	24	N
	R	Payette River-32	26	N
	M	SF Boise River-39	17	S
2000	M	Snake River at Archer-64	27	N
2002	M	Blackfoot River-69	38	N
2003	M	Nevada	33	-
2005	M	Garden Valley – 33	32	S
2005	M	Bender Creek (Danskin Mts)- 39	30	S

^a M = Merriam's, R = Rio Grande.

Table 7. Turkey transplant history, Magic Valley Region, 1982-present.

Year	Sub-species ^a	Release site-Unit	Birds released	New or supplemental release
1982	R	Niagara Springs-53	20	N
1983	R, M	Almo-55	19	N
1984	R	Almo-55	10	S
1988	R	Big Cottonwood-54	17	N
1994	R	Big Cottonwood-54	6	S
1995	R	Big Cottonwood-54	14	S
1996	R	Big Cottonwood-54	8	S
1998	R	Big Cottonwood-54	55	S
1999	R	Big Cottonwood-54	12	S
2001	R	Big Cottonwood-54	40	S

^a M = Merriam's; R = Rio Grande.

Table 8. Turkey transplant history, Southeast Region, 1982-present.

Year	Sub-species ^a	Release site	Birds released	New or supplemental release
1982	R	Snake River	36	N
1984	R	Snake River	28	N
1990	M	Snake River	14	S
1993	M	Bear River	20	N
1994	M	Snake River	64	S
1994	M	Bear River	32	S
1999	U	Deep Creek, Bear River	15	S
2000	U	Oneida Narrows	50	S
2001	U	Unit 71	136	N
2003	H	Snake River, Unit 69	42	S

^a H = Hybrid; M = Merriam's; R = Rio Grande; U = Unknown.

Table 9. Turkey transplant history, Upper Snake Region, 1984-present.

Year	Sub-species ^a	Release site - Unit	Source	Birds released
1984	R	Archer - 63A	Texas	16
1984	R	Deer Parks - 63A	Texas	16
1988	R	Deer Parks - 63A	Council, Idaho	12
1999	M	Big Lost River - 50	Idaho	59
2000	M	Archer - 63A	Panhandle, Clearwater Regions	46
2000	M	Deer Parks - 63A	Southwest Region, ID	45
2001	M	Units 63A, 67	Panhandle, Clearwater Regions	416
2002	M	Units 63A, 67, 69	Panhandle, Southwest Regions	163

^a M = Merriam's; R = Rio Grande.

Table 10. Turkey transplant history, Salmon Region, 1983-present.

Year	Sub-species ^a	Release site - Unit	Birds released			New or supplemental release
			M	F	Total	
1983	R	Shoup Bridge area - 28	0	16	16	N
1983	M	Shoup Bridge area - 28	2	3	5	S
1985	R	Shoup Bridge area - 28	5	0	5	S
1991	M	Shoup Bridge area - 28	3	12	15	S
1991	M	Salmon River - 36B	4	21	25	N
1993	M	Fourth of July Creek - 21A	13	12	25	N
1993	M	Salmon River - 36B	6	4	10	S
1999	M	Salmon River - 37			50	N
1999	M	Salmon River - 28			14	N

^a M = Merriam's, R = Rio Grande.

FEDERAL AID IN WILDLIFE RESTORATION

The Federal Aid in Wildlife Restoration Program consists of funds from a 10% to 11% manufacturer's excise tax collected from the sale of handguns, sporting rifles, shotguns, ammunition, and archery equipment. The Federal Aid program then allots the funds back to states through a formula based on each state's geographic area and the number of paid hunting license holders in the state. The Idaho Department of Fish and Game uses the funds to help restore, conserve, manage, and enhance wild birds and mammals for the public benefit. These funds are also used to educate hunters to develop the skills, knowledge, and attitudes necessary to be responsible, ethical hunters. Seventy-five percent of the funds for this project are from Federal Aid. The other 25% comes from license-generated funds.

