DALL SHEEP
ANNUAL SURVEY AND INVENTORY
FEDERAL AID PERFORMANCE REPORT

STATE: Alaska

GRANT AND SEGMENT NR: W-33-4

PROJECT NR: 6.0

WORK LOCATION: Statewide


PROJECT LOCATIONS: Game Management Regions 2, 3, and 5

PROJECT TITLE: The Status of Alaska Dall Sheep and Factors Influencing Their Populations.

REPORT DESCRIPTION: This statewide performance report includes the three regions involved in Dall sheep survey and inventory activities. Statewide and regional activities are listed before specific activities by herd and game management unit.

The Status of Alaska Dall Sheep and Factors Influencing Their Populations in Region II

Regionwide Activities

Activity: Prepare triennial sheep management reports.

No work was accomplished on this activity because the management report is not due this year.

Activity: Monitor the sheep harvest through field observations, hunter harvest reports and contact with hunters.

Harvest was monitored through field observations, hunter harvest reports and contact with hunters, yielding the following information:

Kenai Mountains (Unit 7 & 15)
The preliminary 2005–06 harvest for the general season was:
Rams = 13  Ewes = 0  Total = 13

The preliminary 2005–06 harvest for the permit hunts was:
Round Mountain Hunt  # 150  Rams = 0  Ewes = 0  Total = 0
Crescent Mountain Hunt # 154  Rams = 0  Ewes = 3  Total = 3
Crescent Mountain Hunt # 156  Rams = 1  Ewes = 0  Total = 1
Talkeetna Mountains (Units 13A and E, 14A and B) — ram harvest:

13A  20
13E  9
14A  18
14B  12
Total  59

Unit 14C
Males 35  Females 22  Total 57

Activity: Collect data from sheep presented for sealing by hunters.

Hunter harvested rams were brought into ADF&G offices regionwide for sealing. Data collected included horn length, circumference, age and any abnormal characteristics. Data will be summarized and reported in the triennial management report.

Total Regional Segment Period Project Costs (in thousands): 15.6
Submitted by: Gino Del Frate, Regional Management Coordinator
The Status of Dall Sheep
and Factors Influencing Their Populations in Region III

**Regionwide Activities**
Activity: Monitor the harvest through hunter contacts and harvest or permit reports and analyze harvest data.

Monitored harvest of 619 sheep through hunter contacts and harvest or permit reports and analyzed harvest data.

Activity: Provide Dall sheep management information to state and federal regulatory processes.

Provided information to the Alaska Board of Game, state fish and game advisory committees, federal regional advisory committees, and the Federal Subsistence Board.

**Activities by Mountain Range or Use Area**

**Tanana Hills**
Activity: Conduct an aerial survey to estimate initial productivity and lamb survival (operating costs funded by BLM).

Conducted an aerial survey and compositioned 158 sheep in the Mount Harper/Glacier Mountain area, finding 29 lambs and 29 rams: 100 ewes.

**Eastern Brooks Range**
Activity: Conduct aerial surveys in western Unit 25A (operating costs funded by BLM).

Conducted an aerial survey in western Unit 25A and eastern Unit 24, counting 1517 sheep, including 224 lambs, 857 ewes and 359 rams, with a total of 3.0% full curl rams.

**Total Regional Segment Period Project Costs (in thousands):** $33.9

**Submitted by:** Roy A. Nowlin, Management Coordinator
The Status of Dall Sheep
and Factors Influencing Their Populations in Region V

Regionwide Activities
Activity: Provide information to state and federal regulatory processes on Dall sheep management.

Area management staff reviewed state and federal regulatory proposals, attended regulatory process meetings, and presented Dall sheep information to the Alaska Board of Game, state Fish and Game advisory committees, Federal Subsistence Board, and federal subsistence regional advisory councils.

Activities by Mountain Range

Baird Mountains
Activity: Assist National Park Service (NPS) with aerial surveys in established count areas as needed.

Poor weather hampered sheep surveys in June 2006; however, the department flew a portion of the Baird Mountains during the survey period. Because the entire area was not covered, the total number of sheep observed in 2006 is not comparable to previous years. We observed 25 lambs: 100 “ewe-like” sheep during the surveys.

De Long Mountains
Activity: Monitor harvests through the harvest ticket system, permit hunts, community-based harvest assessments, public contacts, and field observations.

Data from the fall 2005 drawing permit hunt indicate that of 11 permits issued, 5 hunters did not hunt, 1 hunter did not report the results of his hunt, and 3 rams were taken. No sheep were taken under the registration hunt RS388. No harvest information was available from federal sheep hunts.

Activity: Assist NPS with aerial surveys as needed.

Poor weather precluded sheep surveys in the De Long Mountains during June 2006.

Schwatka Mountains
Activity: Monitor harvests through the harvest ticket system, permit hunts, community-based harvest assessments, public contacts and field observations.

No sheep were taken under the registration hunt RS389 or the general hunt. No harvest information was available from federal sheep hunts.

Total Regional Segment Period Project Costs (in thousands): 5.5

Submitted by: Peter Bente, Management Coordinator