

TABLE OF CONTENTS

Page No.

HABITAT SELECTION, FOOD HABITS AND COMPETITION - Dr. James M. Peek

Food Habits and Forage Preferences of Bighorn Sheep In
Alpine and Subalpine Communities. Bruce K. Johnson
and Dwight R. Smith..... 1

Visibility: An Important Habitat Factor For an Indigenous,
Low-Elevation Bighorn Herd in Colorado. Kenneth L. Risenhoover
and James A. Bailey..... 18

Variation in Bighorn Sheep Food Habits as Measured
by Fecal Analysis. Allen Y. Cooperrider, Scott A. McCollough
and James A. Bailey..... 29

Impact of Cattle Grazing on Bighorn Sheep Habitat at
Trickle Mountain, Colorado. Scott A. McCollough, Allen Y.
Cooperrider and James A. Bailey..... 42

Response of Bighorns to a Rest-Rotation Grazing Plan in
Central Idaho. Walter L. Bodie and William O. Hickey..... 60

RE-INTRODUCTIONS: Bighorns - William D. Wishart

Population Characteristics of Transplanted California
Bighorn Sheep in Western North Dakota. Steven D. Fairaizl..... 70

Present Status of Rocky Mountain Bighorn Sheep
in Northeast Oregon. Victor L. Coggins..... 90

Re-introductions of Bighorn Sheep in Washington.
Rolf L. Johnson..... 106

Population Characteristics, Movements, and Distribution
Patterns of the Upper Rock Creek Bighorn Sheep.
Thomas W. Butts..... 115

A Study of a Recently Introduced Bighorn Sheep Herd.
Wendy L. Haas and Eugene Decker..... 143

An Unsuccessful Bighorn Sheep (*Ovis Canadensis canadensis*)
Transplant on the Middle Fork of the Powder River, Wyoming.
Amber Jo Long..... 168

Bighorn Sheep in North-Central Colorado, Past, Present
and Future. Nike J. Goodson..... 190

A System for Evaluating Potential Bighorn Sheep
Transplant Sites in Northern New Mexico. Randall E. Grunigen..... 211

DISEASES AND PHYSICAL ABNORMALITIES - Dr. E. Tom Thorne

A Minor Die-off of Bighorns from Pneumonia in Southern
Alberta (1978). W.D. Wishart, Jon Jorgenson and
Monty Hilton..... 229

Treatment for Lungworms (<i>Protostrongylus</i> spp.) in Rocky Mountain Bighorn Sheep (<i>Ovis C. canadensis</i>) With Albendazole. Bill Forety and Rolf Johnson.....	248
The Implications of Contagious Ecthyma in Bighorn Sheep. William R. Lance.....	262
Horn Deformities in Dall Rams. Manfred Hoefs.....	270
MANAGEMENT AND POPULATION CHARACTERISTICS - Wayne E. Heimer	
Can Population Quality be Related to Population Density Through Nutrition? Wayne E. Heimer.....	288
Temporal Geographic Variation in the Lambing Season of Bighorn Sheep. Richard W. Thompson and Jack C. Turner.....	310
Mortality Patterns in a Bighorn Sheep Population. Shawn T. Stewart.....	313
Migration of the Beartooth-Rock Creek Bighorn Sheep Herd Steve A. Martin and Shawn T. Stewart.....	332
A Summary of Sall Sheep Management in Alaska During 1979 -- (or how to cope with a monumental disaster). Wayne E. Heimer.....	355
MOUNTAIN GOATS - Lonk Kuck	
Diets of Tame Mountain Goats and Bighorn Sheep in Colorado. Thomas V. Dailey.....	382
Cannon-Netting Mountain Goats. Michael J. Thompson and John J. McCarthy.....	384
Trapping and Transplanting Mountain Goats in British Columbia and Alberta. Daryll M. Hebert, William K. Hall and B. McLellan.....	388
A Population Perspective of Successful Mountain Goat Transplants. Richard J. Guenzel.....	403
Population Dynamics, Habitat Utilization, Recreational Impacts and Trapping of Introduced Rocky Mountain Goats in the Eagles Nest Wilderness Area, Colorado. Richard W. Thompson.....	459
Winter Habitat Selection and Group Size of Mountain Goats, Sheep Mountain - Gladstone Ridge, Colorado. Layne G. Adams and James A. Bailey.....	465

Preliminary Data on Mountain Goat Population Growth. John A. Youds, Daryll M. Hebert, William K. Hall and Ray A. Demarchi.....	482
Impacts of Hunting and Response to Five Year Hunting Closure on Idaho's Pahsimeroi River Mountain Goat Herd. Lonk Kuck.....	520
Aerial Census and Classification of Mountain Goats in Alaska. Lynda Nichols.....	523
TRAPPING METHODS, SHEEP - Marvin Hockley	
The Evolution of Capturing Bighorns in Alberta. William D. Wishart, Kirby Smith, Jon Jorgenson and G. Lynch.....	590
The Usefulness of Rockey Nets for Dall Sheep Capture Compared With Other Capture Methods. Wayne E. Heimer, Stephen D. DuBois and David G. Kellyhouse.....	601
An Improved Radio-Control Device for Remotely Triggering Capture Equipment. David Johnson.....	615
BIBLIOGRAPHY - Mountain Goat	
Bibliography of North America's Mountain Goat (<u>Oreamnos americanus</u>). Bryan R. Foster.....	624