

CONTENTS

PREFACE	ii
INTRODUCTION.....	vii
I. SURVEYORS AND SCIENTISTS: GOVERNMENT SURVEYS AND REPORTS	
The Military's Last Hurrah: Naturalists with the Wheeler Survey, 1871–1878, Neil B. Carmony.....	3
Last of the Surgeon-Naturalists: Dr. E. A. Mearns in Arizona, 1884–1893, Harley G. Shaw.....	23
Building a Federal Natural History Agency: C. Hart Merriam and His Work in the San Francisco Mountain Region, 1885–1910, Neil B. Carmony and David E. Brown	33
A Naturalist Takes up Ranching in the White Mountains: E. W. Nelson and the Merriam Elk, 1884–1890, Neil B. Carmony.....	59
The Final Frontier: Exploring the Grand Canyon and Arizona Strip, 1869–1913, David E. Brown.....	80
Frederic Morton Chamberlain's 1904 Fish Survey of Arizona, Wendell L. Minckley.....	96
II. MUSEUM COLLECTORS AND ACADEMICS: A NEW BREED OF NATURALIST ARRIVES ON THE SCENE	
Herbert Brown: Arizona's First Resident Naturalist, 1877–1912	129
An Ornithologist's Mecca: Bird Collectors Flock to Arizona, 1884–1912	134
William W. Price: Boy Collector of Southern Arizona's Sky Islands, 1888–1898	140
The Last Blank Spot on the Map: William T. Hornaday and Carl Lumholtz Explore Papagueria and the Gran Desierto, 1907–1910	146
Joseph Grinnell Surveys the Lower Colorado River, 1910	154
III. TROUBLESOME TIMES AND NOTABLE NEWS: NEWSPAPERS, MAGAZINES, AND DIARIES REPORT ON ARIZONA TERRITORY	
Fire, Flood, and Other Disasters: Changes to the Territorial Landscape.....	161
Market and Plume Hunters: Wildlife Commerce in Arizona Territory	177
Bounties and Scalp Hunters: Battling Arizona's Predators	190
Get Along Little Bunnies: Territorial Jackrabbit Drives.....	203
Accounts of What Was Not to Be: Arizona's Native Warm-Water Fisheries	209
Fishing for Speckled Mountain Beauties: Arizona's Native Trouts	225
Fear of Rabies: The Horrors of Hydrophobia	234

CONTENTS

Mysterious Mammals, Feathered Exotica, and Weird Fish: Territorial Curiosities	240
Taxonomic Summary.....	261

IV. SHIFTING ATTITUDES AND THE BEGINNINGS OF WILDLIFE RESTORATION: THE ONSET OF LAWS AND BUREAUCRATS

The Changing Status of Game Populations, Big and Small.....	265
Lions, Tigres, and Bears—and Wolves, Too: Perspectives on Arizona's Big Predators.....	294
Uncle Sam Lends a Hand: The Federal Role in Managing Arizona's Wildlife.....	311
Market Hunters and Game Hogs: Pressures Leading to State Management of Wildlife.....	342

V. ARIZONA IN 1912: LANDSCAPE AND WILDLIFE SUMMARY

ACKNOWLEDGEMENTS

APPENDICES

A. Newspapers, Indexes, and Other Useful Resources about Arizona Territory.....	365
B. Common Names of Wildlife Species in Arizona Territory.....	369
C. Territorial Fish and Game Laws, 1881–1912.....	371
D. Laws Pertaining to the Destruction of Predatory Animals and the Payment of Bounties in Arizona, 1885–1912.....	393
E. Laws Establishing Fish and Game Commissions in Arizona Territory.....	399
F. Known Fish Introductions in Arizona Through 1912.....	402
G. Chronology of National Forest Establishment in Arizona, 1893–1912	403

REFERENCES

INDEX

Animals	432
Mammals	432
Birds	434
Reptiles, Amphibians and Fish	435
Invertebrates	437
Plants.....	437
People.....	438
Government Agencies, Indian Tribes, Nongovernmental Organizations and Other Groups.....	441
Places.....	442