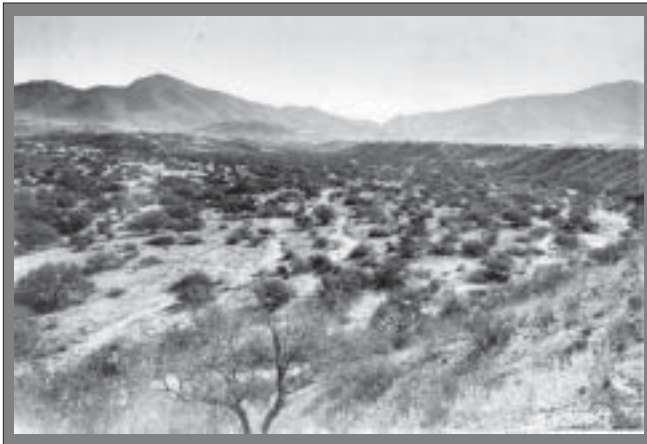




Santa Rita Experimental Range: 100 Years (1903 to 2003) of Accomplishments and Contributions

Conference Proceedings
October 30–November 1, 2003
Tucson, AZ



1902



2003



Abstract

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The purpose of this conference was to celebrate the 100 years of accomplishments and contributions of the Santa Rita Experimental Range, the longest continuously operating research area dedicated to the sustainable management of North American rangelands. The conference consisted of one-and-a-half days of invited synthesis papers and contributed poster presentations and a 1-day field trip to research sites at the Santa Rita Experimental Range. A forecast of the future contributions of this historical site were also considered. This conference provided a forum for people to share their knowledge, experiences, and opinions about the contributions that the Santa Rita Experimental Range has made to rangeland management.

Keywords: long-term research, livestock grazing, vegetation, soils, erosion, cultural resources

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Cover photographs: Top pair are looking east into Box Canyon from photo station PS 222, June 1902 and May 2003. Bottom pair are looking west at Huerfano Butte from photo station 233, 1902 (month unknown) and May 2003.

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**Conference Proceedings
October 30–November 1, 2003
Tucson, AZ**

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Preface

These peer-reviewed proceedings represent a permanent record of this conference, celebrating the accomplishments and contributions of the Santa Rita Experimental Range, the longest continuously operating research area dedicated to the sustainable management of North American rangelands, and forecasts the future contributions of this historical site. The conference consisted of the presentation of a series of synthesis papers by invited speakers who reviewed significant research findings on the Santa Rita Experimental Range and, where appropriate, forecast future research opportunities. Contributed poster papers supplemented and expanded on the synthesis papers by reporting on recently completed or ongoing research on the Santa Rita. The conference concluded with a 1-day field trip to research sites on the Santa Rita Experimental Range.

This conference provided a forum for researchers, managers and practitioners, decisionmakers, and other interested people to share their knowledge, experiences,

and opinions about the contributions that the Santa Rita Experimental Range has made to rangeland management in the Southwestern United States. The conference and these proceedings also represent a starting point for planning and implementing research activities, leading to improved, ecosystem-based, multiple-use rangeland management in the future.

The technical coordinators of these proceedings acknowledge the collective efforts of the technical reviewers of these papers. We also acknowledge Louise Kingsbury, Group Leader, and the Publishing Services staff, Rocky Mountain Research Station, USDA Forest Service, Ogden, UT, for their invaluable editorial assistance. Major funding for the preparation of these proceedings was provided by the Southwestern Borderlands Project (FS-RMRS-4651), Rocky Mountain Research Station, USDA Forest Service, Flagstaff, AZ. Additional support was furnished by the other sponsors of the conference.

Mitchel P. McClaran
Peter F. Ffolliott
Carleton B. Edminster

Contents

Page

Invited Papers

Nathan F. Sayre	Recognizing History in Range Ecology: 100 Years of Science and Management on the Santa Rita Experimental Range	1
Mitchel P. McClaran	A Century of Vegetation Change on the Santa Rita Experimental Range	16
George B. Ruyle	Rangeland Livestock Production: Developing the Concept of Sustainability on the Santa Rita Experimental Range	34
Peter F. Ffolliott	Vegetation Management Practices: Past and Present	48
Gerald J. Gottfried		
William H. Kruse		
Paul R. Krausman	Wildlife Ecology and Management, Santa Rita	59
Michael L. Morrison	Experimental Range (1903 to 2002)	
John H. Madsen	Cultural Resources of the Santa Rita Experimental Range	68
Bruce D. Munda	Revegetation Practices on the Santa Rita Experimental Range	80
Mark J. Pater		
Leonard J. Lane	Hydrology and Soil Erosion	92
Mary R. Kidwell		
Thomas E. Sheridan	Archive and Laboratory Embedded in the Landscape: Future of the Santa Rita Experimental Range	101

Poster Papers

Michael A. Crimmins	Climate Variability and Plant Response at the Santa Rita Experimental	
Theresa M. Mau-Crimmins	Range, Arizona	111
Erika Geiger	Spread of a Nonnative Grass Across Southern Arizona:	
Theresa Mau-Crimmins	Multiple Data Sources to Monitor Change	116
Heather Schussman		
Jorry Z. U. Kaurivi	Multitemporal MODIS-EVI Relationships With Precipitation and	
Alfredo R. Huete	Temperature at the Santa Rita Experimental Range	121
Kamel Didan		
Alessandra Fravolini	Role of Soil Texture on Mesquite Water Relations and Response to	
Kevin R. Hultine	Summer Precipitation	125
Dan F. Koepke		
David G. Williams		
Stacy Pease	Mesquite Removal and Mulching Treatment Impacts on Herbage	
Peter F. Ffolliott	Production and Selected Soil Chemical Properties	130
Leonard F. DeBano		
Gerald J. Gottfried		
Alvin L. Medina	Gambel and Scaled Quail Diets on the Santa Rita Experimental Range	133
Alvin L. Medina	Historical and Recent Flora of the Santa Rita Experimental Range	141
Sharon H. Biedenbender	Effects of Neighbor Species and Distance on 2- and 4-Year Survival of	
Mitchel P. McClaran	Lehmann Lovegrass and Native Grasses	149
Bruce A. Roundy		

Peter F. Ffolliott Jeffrey O. Dawson James T. Fisher Itshack Moshe Timothy E. Fulbright W. Carter Johnson Paul Verburg Muhammad Shatanawi Jim P. M. Chamie	International Arid Lands Consortium: A Synopsis of Accomplishments	154
Donald J. Breckenfeld Daniel Robinett	Soil and Ecological Sites of the Santa Rita Experimental Range	157
Gerald J. Gottfried Peter F. Ffolliott Pablo Garcia Diego Valdez-Zamudio Akram Al-Khoury	Assessment of Fire-Damaged Mesquite Trees 8 Years Following an Illegal Burn	166
Larry D. Howery Bruce D. Munda Dan G. Robinett Harry H. Buck	Sweet Resin Bush on the Santa Rita Experimental Range: An Eradication Effort	169
A. Karim Batchily Donald F. Post R. B. Bryant Donald J. Breckenfeld	Spectral Reflectance and Soil Morphology Characteristics of Santa Rita Experimental Range Soils	175
Phil R. Ogden E. Lamar Smith	Cow Weights and Calf Production for Pasture 12-C Lehmann Lovegrass Grazing Trials, 1982 to 1993	183
Nathan B. English David G. Williams Jake F. Weltzin	Soil Temperature and Moisture Dynamics After Experimental Irrigation on Two Contrasting Soils on the Santa Rita Experimental Range: Implications for Mesquite Establishment	188
Craig Wissler Deborah Angell	New Data Sources and Derived Products for the SRER Digital Spatial Database	193