

Rangelands

Society for Range Management

Vol. 23 No. 4, August 2001



Much Ado About Mulch p. 3

**What Are The Big Issues
On Rangelands, p. 8**

**China Aims To Bring
Back Their Range, p. 10**

SF /
85 /
.R36 /
Sci
Current
Journal



President

JIM O'ROURKE
Chadron State College
61 Country Club Rd.
Chadron, Nebraska 69337-7323

1st Vice-President

RODNEY K. HEITSCHMIDT
USDA-ARS
Ft. Keogh LARRL
Rt 1, Box 2021
Miles City, Montana 59301-9801

2nd Vice-President

BOB BUDD
Red Canyon Ranch
350 Red Canyon Rd
Lander, Wyoming 82520-9417

Executive Vice-President

SAMUEL W. ALBRECHT
Society for Range Management
445 Union Blvd, Suite 230
Lakewood, Colorado 80228
(303) 986-3309

Directors

1999-2001

JAMES A. LINEBAUGH
3 Yhvona Dr.
Carson City, Nevada 89706-7717

GLEN SECRIST

Idaho Dept. of Agriculture
3818 S. Varian Ave.
Boise, Idaho 83709-4703

2000-2002

RICHARD H. HART
USDA-ARS
High Plains Grasslands Station
8408 Hildreth Rd.
Cheyenne, Wyoming 82009-8809

DON KIRBY

North Dakota State University
Animal & Range Science
Fargo, North Dakota 58105

2001-2003

JOHN TANAKA
Eastern Oregon Agricultural Research Center-Union
P.O. Box E
Union Oregon 97883

GREG TEGART

BCMAFF
1690 Powick Rd, Suite 2000
Kelowna, BC V1X 7G5
CANADA

The term of office of all elected officers and directors begins in February of each year during the Society's annual meeting.

SRM Office Staff, 445 Union Blvd., Suite 230, Lakewood, Colorado 80228; Telephone (303) 986-3309; Fax (303) 986-3892; e-mail address: srmden@ix.netcom.com; home page <http://srn.org>

AARON BARR—Membership Services Manager
JEFF BURWELL—Public Affairs/Certification Manager
SVETLANA GLUSHKO—Office Service Assistant
ANN HARRIS—Director of Administration/Programs
PATTY RICH—Production Editor
KIRSTEN TARDY—Director of Accounting & Sales

The Society for Range Management

The Society for Range Management founded in 1948 as the *American Society of Range Management*, is a nonprofit association incorporated under the laws of the State of Wyoming. It is recognized exempt from Federal income tax, as a scientific and educational organization, under the provisions of Section 501(c) (3) of the Internal Revenue Code, and also is classed as a public foundation as described in Section 509 (a) (2) of the Code. The name of the Society was changed in 1971 by amendment of the Articles of Incorporation.

The objectives for which the corporation is established are:

- to properly take care of the basic rangeland resources of soil, plants and water;
- to develop an understanding of range ecosystems and of the principles applicable to the management of range resources;
- to assist all who work with range resources to keep abreast of new findings and techniques in the science and art of range management;
- to improve the effectiveness of range management or obtain from range resources the products and values necessary for man's welfare;
- to create a public appreciation of the economic and social benefits to be obtained from the range environment;
- to promote professional development of its members.

Membership in the Society for Range Management is open to anyone engaged in or interested in any aspect of the study, management, or use of rangelands. Please contact the Executive Vice-President for details.

Rangelands

Rangelands serves as a forum for the presentation and discussion of facts, ideas, and philosophies pertaining to the study, management, and use of rangelands and their several resources. Accordingly, all material published herein is signed and reflects the individual views of the authors and is not necessarily an official position of the Society. Manuscripts from any source—nonmembers as well as members—are welcome and will be given every consideration by the editors. *Rangelands* is the nontechnical counterpart of the *Journal of Range Management*; therefore, manuscripts and news items submitted for publication in *Rangelands* should be in nontechnical nature and germane to the broad field of range management. Editorial comment by an individual is also welcome and, subject to acceptance by the editor, will be published as a "Viewpoint."

Contribution Policy:

The Society for Range Management may accept donations of real and/or personal property subject to limitations set forth by State and Federal law. All donations shall be subject to management by the Executive Vice President as directed by the Board of Directors and their discretion in establishing and maintaining trust, memorials, scholarships or other types of funds. Individual endowments for designated purposes can be established according to Society policies. Gifts, bequests, legacies, devises, or donations not intended for establishing designated endowments will be deposited into the SRM Endowment Fund. Donations or request for information on Society policies can be directed to the Society for Range Management, Executive Vice President, 445 Union Blvd., Suite 230, Lakewood, Colorado 80228. We recommend that donors consult Tax Advisors in regard to any tax consideration that may result from any donation.

Volume 23 No. 4 August 2001

Published bimonthly—February, April, June, August, October, December
Copyright 2001 by the Society for Range Management

Managing Editor

KINDRA GORDON
P.O. Box 645
Spearfish, South Dakota 57783
(877) 347-9123
E-Mail: kindrag@tsln.com

Editor/Copy Editor

GARY/JO FRASIER
7820 Stag Hollow
Loveland, Colorado 80538
(970) 663-3094
E-Mail: gfrasier@lamar.colostate.edu

Production Editor

PATTY RICH
3059A Hwy 92
Hotchkiss, Colorado 81419-9548
(970) 872-5932
E-Mail: prich@starband.net

Book Review Editor

DAVID L. SCARNECCHIA
Dept. Natural Res. Sci.
Washington State University
Pullman, Washington 99164-6410
E-Mail: scarmeda@mail.wsu.edu

Editorial Board

1999-2001
JAMES BRUNNER, Medford, Oregon
DAN ROBINETTE, Tucson, Arizona
MARILYN J. SAMUEL, Lehigh Acres, Florida
JAN WIEDEMANN, College Station, Texas

2000-2002

LYNN HUNTSINGER, El Cerrito, California
JOHN MITCHELL, Fort Collins, Colorado
KIETH SEVERSON, Isle, Minnesota
AMY SMITH, Burns, Oregon

2001-2003

DAVID BRADFORD, Paonia, Colorado
RANDEL DONGES, Dalhart, Texas
MICHAEL FRISINA, Butte, Montana
ART MEANS, Fredonia, Arizona

INDIVIDUAL SUBSCRIPTION is by membership in the Society for Range Management.

LIBRARY or other INSTITUTIONAL SUBSCRIPTIONS, on a calendar year basis, are \$65.00 in the United States, \$89.00 in all other countries. Payments from outside the United States should be remitted in US dollars by international money order or draft on a New York bank.

BUSINESS CORRESPONDENCE, concerning subscriptions, advertising, back issues, and related matters, should be addressed to the Managing Editor, 445 Union Blvd., Suite 230, Lakewood, Colorado 80228, Phone 303-986-3309.

EDITORIAL CORRESPONDENCE, concerning manuscripts or other edited matters, should be addressed to the Technical Editor, 7820 Stag Hollow Road Loveland, Colorado 80538.

RANGELANDS (ISSN-0190-0528) is published six times yearly (February, April, June, August, October, and December) by the Society for Range Management, 445 Union Blvd., Suite 230, Lakewood, Colorado 80228, Phone 303-986-3309. PERIODICALS POSTAGE paid at Denver, Colorado and additional offices.

POSTMASTER: Return entire journal with address change—Address Service Requested—to Society for Range Management, 445 Union Blvd., Suite 230, Lakewood, Colorado 80228.

PRINTED IN THE USA

Rangelands

FEATURE ARTICLES

- Managing for Mulch
by Fransico Molinar, Dee Galt, and Jerry Holechek 3
- Range Revelations
by Kindra Gordon 8
- Bringing Back The Range
by Michael Frisina, Gu Anlin, Yun Jinfeng, and Bao Weidong 10
- A Case Study In Cooperation
by Sherri S. Haver 16
- Goats Go After Spurge
by Katie Johnson 18
- Viewpoint: Adding Value
by James L. Maynard 20
- Riparian Review
by Sandra Wyman and Gene Surber 22
- Up In The Air
by Moh'd Khair El-Shatnawi and Taoufik Ksiksi 24
- Cowboy Poetry: Target Practice
by Stan Tixier 29

DEPARTMENTS

- | | |
|---------------------------|----------------------------|
| 2 EVP Comments | 27 Listening To The Land |
| 28 Resource Roundup | 29 Letter To The Editor |
| 30 Interpretive Summaries | 33 Browsing The Literature |
| 35 Book Review | 37 BOD Highlights |
| 38 Sustaining Members | |

COVER

COVER PHOTO: The colors of fall make a picturesque setting for these yearling heifers north of Billings, MT. Photo by Kindra Gordon.



EVP's Comments

Samuel W. Albrecht

Biography

Sam attended Auburn University and graduated with a BS in Aerospace Engineering. He entered the Air Force and obtained the rank of Captain while working in the fields of satellite operations and launch vehicle management/operations. He enjoyed assignments in Colorado Springs, CO and Los Angeles, CA. While stationed in Los Angeles, Sam completed his Masters in Business Administration from Chapman University, CA.



After leaving the Air Force, Sam worked for the Rocky Mountain Elk Foundation (RMEF) as the Southeast Regional Director. The (RMEF) is a non-profit wildlife conservation organization dedicated to the future prosperity of wild elk populations. Sam had a six state region where he was responsible for fundraising, volunteer management, conservation projects and investigating reintroduction opportunities. Sam worked with hundreds of volunteers and many different government agencies. He raised over \$600,000 in four years for the RMEF and started an elk reintroduction project in north Georgia. He prioritized and implemented new conservation education programs in Georgia and Alabama.

He started with the National Bison Association (NBA) in September of 1996. The NBA represents over 2,400 bison producers in all 50 states and 20 countries. While with the NBA, Sam overhauled the publications, including the quarterly publication *Bison World*, resulting in many awards from the Livestock Publications Council. Sam also implemented a voluntary check off program to raise dollars for the promotion of bison meat. He also directed the marketing and promotion efforts for the association. In addition, Sam streamlined the operations of the NBA resulting in significant cost savings. He also worked with U.S. Department of Agriculture officials on issues important to bison producers. This work resulted in adding bison to the USDA's weekly livestock slaughter report and to the next Census of Agriculture. Sam drafted and defended the NBA's position on the bison in Yellowstone National Park. Sam also designed and implemented the NBA's first website, and three years later, a vastly redesigned and more comprehensive website – www.BisonCentral.com. He led a partnership effort with the Canadian Bison Association resulting in joint marketing and promotion planning, and the use of www.BisonCentral.com as a single site for both associations.

Sam grew up on a small cattle/farming operation in North Alabama and was very involved in the management and daily operations. Sam and his wife, Paula, live outside of Denver in the small farming community of Brighton.