



Contents lists available at [ScienceDirect](http://www.elsevier.com/locate/rama)

Rangeland Ecology & Management

journal homepage: <http://www.elsevier.com/locate/rama>



Contents

Eighty Years of Grazing by Cattle Modifies Sagebrush and Bunchgrass Structure Kirk W. Davies, Chad S. Boyd, Jon D. Bates	275
Relationships Between Cattle and Biodiversity in Multiuse Landscape Revealed by Kenya Long-Term Exclusion Experiment Truman P. Young, Lauren M. Porensky, Corinna Riginos, Kari E. Veblen, Wilfred O. Odadi, Duncan M. Kimuyu, Grace K. Charles, Hillary S. Young	281
Longer-Term Evaluation of Revegetation of Medusahead-Invaded Sagebrush Steppe K.W. Davies, C.S. Boyd	292
Evaluating Mechanical Treatments and Seeding of a Wyoming Big Sagebrush Community 10 Yr Post Treatment Daniel D. Summers, Bruce A. Roundy	298
Biophysical Factors and Canopy Coupling Control Ecosystem Water and Carbon Fluxes of Semiarid Sagebrush Ecosystems David E. Reed, Brent E. Ewers, Elise Pendall, Kusum J. Naithani, Hyojung Kwon, Robert D. Kelly	309
Do Abrasion- or Temperature-Based Techniques More Effectively Relieve Physical Dormancy in Seeds of Cold Desert Perennials? Olga A. Kildisheva, Todd E. Erickson, David J. Merritt, Matthew D. Madsen, Kingsley W. Dixon, Jacqueline Vargas, Remy Amarteifio, Andrea T. Kramer	318
Incorporating Seeds in Activated Carbon Pellets Limits Herbicide Effects to Seeded Bunchgrasses When Controlling Exotic Annuals K.W. Davies	323
Rainfall Interception by Singleleaf Piñon and Utah Juniper: Implications for Stand-Level Effective Precipitation Tamzen K. Stringhama, Keirith A. Snyder, Devon K. Snyder, Samuel S. Lossing, Craig A. Carr, Bennett J. Stringham	327
Contrasting Effects of Long-Term Fire on Sagebrush Steppe Shrubs Mediated by Topography and Plant Community Ricardo Mata-González, Claire M. Reed-Dustin, Thomas J. Rodhouse	336
Factors Affecting Efficacy of Prescribed Fire for Western Juniper Control Patrick E. Clark, C. Jason Williams, Frederick B. Pierson	345
Nondestructive Estimation of Standing Crop and Fuel Moisture Content in Tallgrass Prairie Sonisa Sharma, Tyson E. Ochsner, Dirac Twidwell, J.D. Carlson, Erik S. Krueger, David M. Engle, Samuel D. Fuhlendorf	356
Simulating Runoff from Small Grazed Pasture Watersheds Located at North Appalachian Experimental Watershed in Ohio Sagar Gautam, Eric G. Mbonimpa, Sandeep Kumar, James V. Bonta	363
Simulation of Pastoral Management in Mongolia: An Integrated System Dynamics Model Shunji Oniki, Kazumasa Shindo, Seishi Yamasaki, Kazunobu Toriyama	370
Is Microcredit a Form of Risk for Pastoral Households of Inner Mongolia's Semiarid Rangelands? Jian Zhang, Lynn Huntsinger, Yanbo Li, Wenjun Li	382
Management Tools to Reduce Carnivore-Livestock Conflicts: Current Gap and Future Challenges Darío Moreira-Arce, Carolina S. Ugarte, Francisco Zorondo-Rodríguez, Javier A. Simonetti	389
How Perceptions About Naturalness Affect Science in Yellowstone National Park Richard B. Keigley	395

Cover Image: A pair of alert Chilla foxes, attracted by a fresh sheep carcass, scanning the kill site in a sheep ranch in Isla Riesco, Chilean Patagonia. Credits: Carolina Ugarte and Silvo Crespin, Laboratorio de Conservación Biológica, Facultad de Ciencias, Universidad de Chile.