

Updated, August 2021

ROBERT J. KINUCAN

Professor, Natural Resource Management

ADDRESS

Sul Ross State University

P.O. Box C-16

Alpine, Texas 79832

432-837-8488

kinucan@sulross.edu

EDUCATION

Texas A&M University – Ph.D.

University of Wyoming – M.S.

University of Idaho – B.S.

ACADEMIC APPOINTMENTS/TEACHING EXPERIENCE

Sul Ross State University, Department of Natural Resource Management – *Professor*

Sul Ross State University, Division of Range Animal Science – *Associate Professor*

Sul Ross State University, Division of Range Animal Science – *Assistant Professor*

Texas A&M University, Department of Rangeland Ecology and Management – *Visiting Assistant Professor*

Texas A&M University, Department of Rangeland Ecology and Management – *Instructor*

PUBLICATIONS

Schnapp, L. A. and R. J. Kinucan. 2010. An abbreviated fire history of the southwestern United States. Pages 1-7 *in* Trans-Pecos Prescribed Fire Symposium. April 8-9, 2010. Alpine, Texas.

McDonald, A. K., R. J. Kinucan, and L. E. Loomis. 2009. Ecohydrological interactions within banded vegetation in the northeastern Chihuahuan Desert, USA. *Ecohydrology* 2: 66-71.

Kinucan, R. J., L. E. Loomis, B. J. Warnock, and K. A. Cearley. 1999. Banded vegetation and soil patterns in the Stockton Plateau, West Texas, USA. Pages 122-124 *in* Proc. of the VI International Rangeland Congress. July 19-23, 1999. Townsville, Australia.

Vanzant, T. J. III., R. J. Kinucan, and A. W. McGinty. 1997. Mixed-brush reestablishment following herbicide treatment in the Davis Mountains, West Texas. *Texas J. Agr. Nat. Res.* 10:15-23.

Scholl, E. L. and R. J. Kinucan. 1996. Grazing effects on reproductive characteristics of common curlymesquite (*Hilaria belangeri*). *Southwestern Naturalist* 41(3):251-256.

Cooper, T. W., R. R. Hollander, R. J. Kinucan and J. K. Jones, Jr. 1993. Systematic status of the deer mouse, *Peromyscus maniculatus*, on the Llano Estacado and in adjacent areas. *Texas J. Sci.* 45:1-16.

R. R. Hollander, Robertson, R. N. and R. J. Kinucan. 1992. First records of the nutria, *Myocastor coypus*, in the Trans-Pecos region of Texas. *Texas J. Sci.* 44:119.

- Marquart, R. C., R. J. Kinucan and D. I. Davis. 1992. Dry matter digestibility of fourwing saltbush (*Atriplex canescens*) mixed with blue grama (*Bouteloua gracilis*). Texas J. Agr. Nat. Res. 5:121-126.
- Koostra, J. B., R. J. Kinucan and D. I. Davis. 1992. A comparison of microbial cellulase and live cell rumen inoculum for estimating *in vitro* digestibility of range grasses. Texas J. Agr. Nat. Res. 5:67-71.
- Kinucan, R. J. and F. E. Smeins. 1992. Soil seed bank of a semiarid Texas grassland under three long-term (36-years) grazing regimes. Amer. Midl. Nat. 128:11-21.
- Kinucan, R. J. and F. E. Smeins. 1988. Soil seed bank as influenced by grazing history on the Edwards Plateau, Texas. Section 01.01 in A. Davis and G. Stanford, editors. The prairie: roots of our culture; foundation of our economy. Proc. of the Tenth North American Prairie Conference, Denton, Texas. June 22-26, 1986. Native Prairie Association of Texas, Dallas, Texas.
- Kinucan, R. J. 1984. Numerical phenology scoring and use with quantitative environmental variables. Pages 36-39 in H.G. Fisser and K.L. Johnson, editors. Wyoming Shrublands: Proc. of the Eleventh Wyoming Shrub Ecology Workshop, Lander, Wyoming. May 25-27, 1982.
- Fisser, H. G., S. K. Dean, T. L. Deboodt, R. J. Kinucan and J. L. Mulholland. 1983. Phenology and production studies on semiarid shrub types. 1982 results. University of Wyoming Coop. Res. Rep. to the BLM. Vol. I: Phenology study. Sections I and II. Wyoming Agr. Exp. Sta. Rep. No. 1230. 430 p.
- Fisser, H. G., S. K. Dean, T. L. Deboodt, R. J. Kinucan and J. L. Mulholland. 1983. Phenology and production studies on semiarid shrub types. 1982 results. University of Wyoming Coop. Res. Rep. to the BLM. Vol. II: Precipitation, productivity and production section. Sections III, IV and V. Wyoming Agr. Exp. Sta. Sci. Rep. No. 1231. 256 p.
- Fisser, H. G., S. K. Dean, T. L. Deboodt, R. J. Kinucan and J. L. Mulholland. 1982. Phenology and production studies on semiarid shrub types. 1981 results. University of Wyoming Coop. Res. Rep. to the BLM. Vol. I: Phenology study. Sections I and II. Wyoming Agr. Exp. Sta. Sci. Rep. No. 1199. 489 p.
- Fisser, H. G., S. K. Dean, T. L. Deboodt, R. J. Kinucan and J. L. Mulholland. 1982. Phenology and production studies on semiarid shrub types. 1981 results. University of Wyoming Coop. Res. Rep. to the BLM. Vol. II: Precipitation, productivity and production section. Sections III, IV and V. Wyoming Agr. Exp. Sta. Sci. Rep. No. 1200. 292 p.
- Gehrke, C., R. Kinucan and R. G. Wright. 1981. A vegetation-rehabilitation program for the parade grounds at Fort Spokane, Coulee Dam, NRA. Coop. Park Studies Unit, CPSU/UI B 81-3. University of Idaho. Moscow. 16 p.

PRESENTATIONS

- Jackson, C., B. J. Warnock, R. Whitmire, L. L. Loomis and R. J. Kinucan. 2016. Forb ecology emphasizes the need for understanding rangeland biodiversity and its role in wildlife management. Absts. 69th Ann. Meet. Soc. Range Manage. Jan. 1-Feb. 4, 2016. Corpus Christi, Texas.
- Schnapp, L. A. and R. J. Kinucan. 2010. An abbreviated fire history of the southwestern United States. April 8-9, 2010. Trans-Pecos Prescribe Fire Symposium. Alpine, Texas.
- Kinucan, R. J. 2005. Range Management Principles. Presented at the Texas Master Naturalist Workshop, September 10, 2005. TPWD Elephant Mountain Wildlife Management Area.

- Warnock, B. J. and R. J. Kinucan. 2005. Grasslands of the Trans-Pecos and High Plains. Presentation at the Texas Lands Trust Council Annual Meeting, Austin, Texas February 26, 2005.
- McDonald, A. K., L. E. Loomis, and R. J. Kinucan. 2001. Resource Partitioning Influences Vegetation Banding on the Stockton Plateau, Pecos County, Texas. 11th Annual Jornada Symposium. July 12, 2001. New Mexico State University, Las Cruces, New Mexico.
- McDonald, A. K., L. E. Loomis, and R. J. Kinucan. 1999. Resource partitioning within a banded vegetation pattern, west Texas. 1999. Absts. Soil Science Society of America. October 31-November 4, 1999. Salt Lake City, Utah.
- McDonald, A. K., L. E. Loomis, and R. J. Kinucan. 1999. Resource partitioning within a banded vegetation pattern in the Chihuahuan Desert, Texas. Fifth Symposium on the resources of the Chihuahuan Desert Region: U.S. and Mexico. October 7-8, 1999. Sul Ross State University, Alpine, Texas.
- Ramirez, L. M., L. E. Loomis, and R. J. Kinucan. 1999. Forest, woodland, shrubland, and grassland plant communities of Davis Mountains State Park, Jeff Davis County, Texas. Fifth Symposium on the resources of the Chihuahuan Desert Region: U.S. and Mexico. October 7-8, 1999. Sul Ross State University, Alpine, Texas.
- Kinucan, R. J., L. E. Loomis, B. J. Warnock, and K. A. Cearley. 1999. Banded vegetation and soil patterns in the Stockton Plateau, West Texas, USA. Absts. VI International Rangeland Congress. July 19-23, 1999. Townsville, Australia.
- Cearley, K. A., R. J. Kinucan, and L. L. Loomis. 1998. Banded vegetation patterns in the Stockton Plateau, West Texas. Absts. 51st Ann. Meet. Soc. Range Manage. Feb. 8-12, 1998. Guadalajara, Mexico.
- Warnock, B. J., L. L. Loomis, and R. J. Kinucan. 1998. Soil properties associated with banded vegetation patterns in the Stockton Plateau, West Texas. Absts. 51st Ann. Meet. Soc. Range Manage. Feb. 8-12, 1998. Guadalajara, Mexico.
- Cearley, K. A., R. J. Kinucan, and L. L. Loomis. 1997. Striped vegetation in the western Edwards Plateau, Pecos County, Texas. 47th Ann. Meet. Texas Sec., Soc. Range Manage. Oct. 8-10, 1997. Abilene, Texas.
- Warnock, B. J., L. L. Loomis, and R. J. Kinucan. 1997. Soil properties governing vegetation in the western Edwards Plateau, Pecos County, Texas. 47th Ann. Meet. Texas Sec., Soc. Range Manage. Oct. 8-10, 1997. Abilene, Texas.
- Warnock, B. J., R. J. Kinucan, and L. L. Loomis. 1997. Soil properties governing banded vegetation patterns in the Stockton Plateau, Texas. Absts. American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America Ann. Meet. Oct. 26-31, 1997. Anaheim, California.
- Kinucan, R. J. 1996. Women on the range. American Association of University Women. Oct. 6, 1996. Alpine, Texas.
- Scholl, E. L. and R. J. Kinucan. 1995. Reproductive characteristics of common curlymesquite [*Hilaria belangeri* (Steud.) Nash] when grazed. Absts. 48th Ann. Meet. Soc. Range Manage. Jan. 15-19, 1995. Phoenix, Arizona.

- Scholl, E. L. and R. J. Kinucan. 1994. Seed production and seed rain of common curlymesquite [*Hilaria belangeri* (Steud.) Nash] on the Edwards Plateau, Texas. 44th Ann. Meet. Texas Sec., Soc. Range Manage. Oct. 13-15, 1994. Fort Worth, Texas.
- Kinucan, R. J. 1993. Overview of environmental and ecological issues in the Trans-Pecos region of Texas. Texas Water Commission Emergency Response Seminar. May 3-5, 1993. Fort Davis, Texas.
- Kinucan, R. J. 1990. Effects of disturbance and recovery of diversity of long-term grazed vegetation on the Edwards Plateau, Texas. Absts. Ann. Meet. Southwest. Assoc. Nat. Apr. 12-14, 1990. Univ. North Texas, Denton, Texas.
- Koostra, J. B., D. I. Davis, R. J. Kinucan and R. C. Marquart. 1989. A comparison of microbial cellulase and live cell rumen inoculation for estimating *in vitro* true digestibility of range grasses consumed by ruminants. Joint Meeting of the Consorcio de Investigacion Del Desierto Chihuahuense and the Chihuahuan Desert Research Institute Board of Scientists. Nov. 10-11, 1989. Sul Ross State Univ., Alpine, Texas.
- Marquart, R. C. and R. J. Kinucan. 1989. Nutrient digestibility of fourwing saltbush, *Atriplex canescens*, when mixed with a native grass. Joint Meeting of the Consorcio de Investigacion Del Desierto Chihuahuense and the Chihuahuan Desert Research Institute Board of Scientists. Nov. 10-11, 1989. Sul Ross State Univ., Alpine, Texas.
- Kinucan, R. J. 1989. Effects of grazing and other disturbances on the dynamics of a central Texas grassland. Joint Meeting of the Consorcio de Investigacion Del Desierto Chihuahuense and the Chihuahuan Desert Research Institute Board of Scientists. Nov. 10-11, 1989. Sul Ross State Univ., Alpine, Texas.
- Kinucan, R. J. and F. E. Smeins. 1987. Rates and patterns of secondary succession on a shortgrass dominated West Texas grassland. Absts. 40th Ann. Meet. Soc. Range Manage. Feb. 8-13, 1987. Boise, Idaho.
- Kinucan, R. J. and F. E. Smeins. 1986. Shortgrass (*Hilaria belangeri*) interference on midgrass establishment within a semiarid Texas grassland: A test of the inhibition model of succession. Absts. IV Inter. Cong. Ecol. - Ecol. Soc. Amer., Syracuse, New York. Bull. Ecol. Soc. Amer. 67:141.
- Kinucan, R. J. and F. E. Smeins. 1986. Soil seed bank as influenced by past grazing history on the Edwards Plateau, Texas. Tenth North American Prairie Conference. Jun. 22-26, 1986. Denton, Texas.
- Kinucan, R. J. and F. E. Smeins. 1986. Seed bank characteristics of three long-term grazing regimes on the Edwards Plateau, Texas. Absts. 39th Ann. Meet. Soc. Range Manage. Feb. 9-14, 1986. Orlando, Florida..
- Kinucan, R. J. and H. G. Fisser. 1984. Dynamics of vegetative plant part phenodynamics and related stress adaptations. Absts. 35th Ann. Meet. AIBS - 69th Ann. Meet. Ecol. Soc. Amer., Fort Collins, Colorado. Bull. Ecol. Soc. Amer. 65:253.
- Kinucan, R. J. and H. G. Fisser. 1983. Dynamics of plant community development for diverse sagebrush sites in western Wyoming. Absts. 36th Ann. Meet. Soc. Range Manage. Feb. 14-17, 1983. Albuquerque, New Mexico.
- Kinucan, R. J. 1982. Numerical phenology scoring and use with quantitative environmental variables. Eleventh Wyoming Shrub Ecology Workshop. May 25-27, 1982. Lander, Wyoming.