

## ANSLEY PUBLICATIONS

### 1. Refereed Journal Articles

- (71) Ku, N-W., S. Popescu, **R.J. Ansley**, and H. Perotto-Baldivieso. 2012. Assessment of available rangeland woody plant biomass with a terrestrial Lidar system. *Photogrammetric Engineering & Remote Sensing* (in press).
- (70) Chen, W., K. Annamalai, **R.J. Ansley** and M. Mirik. 2012. Updraft fixed bed gasification of mesquite and juniper wood samples. *Energy* (in press).
- (69) **Ansley, R.J.**, M. Mirik, B. Surber and S.C. Park. 2012. Canopy area and aboveground biomass of redberry juniper (*Juniperus pinchotii* Sudw.) trees: remote sensing implications. *Rangeland Ecology and Management* (in press).
- (68) Mirik, M., and **R.J. Ansley**. 2012. Comparison of ground-measured and image-classified honey mesquite (*Prosopis glandulosa*) cover in Texas: Does image resolution affect accuracy? *Rangeland Ecology and Management* (in press).
- (67) Mirik, M., D.C. Jones, J. Price, F. Workneh, **R.J. Ansley**, and C.M. Rush. 2011. Satellite remote sensing of wheat infected by Wheat streak mosaic virus. *Plant Disease* 95: 4-12.
- (66) Hollister, E.B., C.W. Schadt, A.V. Palumbo, **R.J. Ansley**, and T.W. Boutton. 2010. Structural and functional diversity of soil bacterial and fungal communities following woody plant encroachment in the southern Great Plains. *Soil Biology and Biochemistry* 42: 1816-1824.
- (65) **Ansley, R.J.**, T.W. Boutton, M. Mirik, M.J. Castellano, and B.A. Kramp. 2010. Restoration of C4 grasses with seasonal fires in a C3/C4 grassland invaded by *Prosopis glandulosa*, a fire-resistant shrub. *Applied Vegetation Science* 13: 520-530.
- (64) Pinchak, W.E., W.R. Teague, **R.J. Ansley**, J.A. Waggoner, and S.L. Dowhower. 2010. Integrated grazing and prescribed fire restoration strategies in a mesquite savanna: III. Ranch-scale cow-calf production responses. *Rangeland Ecology and Management* 63: 298-307.
- (63) **Ansley, R.J.**, W.R. Teague, W.E. Pinchak, B.A. Kramp, and K. Barnett. 2010. Integrated grazing and prescribed fire restoration strategies in a mesquite savanna: II. Fire behavior and mesquite landscape cover responses. *Rangeland Ecology and Management* 63: 286-297.
- (62) Teague, W.R., S.L. Dowhower, **R.J. Ansley**, W.E. Pinchak, and J.A. Waggoner. 2010. Integrated grazing and prescribed fire restoration strategies in a mesquite savanna: I. Vegetation responses. *Rangeland Ecology and Management* 63: 275-285.
- (61) **Ansley, R.J.**, M. Mirik, and M.J. Castellano. 2010. Structural biomass partitioning in regrowth and undisturbed mesquite (*Prosopis glandulosa*): implications for bioenergy uses. *Global Change Biology Bioenergy* 2: 26-36.
- (60) Teague, W.R., S.L. Dowhower, S.A. Baker, U.P. Kreuter, **R.J. Ansley**, D.M. Conover, and J.A. Waggoner. 2010. Soil and herbaceous plant responses to summer patch burns under continuous and rotational grazing. *Agriculture, Ecosystems and Environment* 137: 113-123.

- (59) Mirik, M., **R.J. Ansley**, J. Michels Jr., and N. Elliott. 2009. Grain yield and biomass reduction in winter wheat caused by the Russian wheat aphid feeding. *Southwestern Entomologist* 34: 131-139.
- (58) **Ansley, R.J.**, W.E. Pinchak, and D.L. Jones. 2008. Mesquite, tobosagrass, and common broomweed responses to summer and winter season fires. *Rangeland Ecology and Management* 61: 588-597.
- (57) Stanford, R.L., **R.J. Ansley**, and D. Ransom. 2008. Common broomweed growth characteristics in cleared and woody landscapes. *Rangeland Ecology and Management* 61: 561-565.
- (56) Teague, W.R., **R.J. Ansley**, W.E. Pinchak, S.L. Dowhower, S.A. Gerrard, and J.A. Waggoner. 2008. Interannual herbaceous biomass response to increasing honey mesquite cover on two soils. *Rangeland Ecology and Management* 61: 496-508.
- (55) Harris, W.H., T.W. Boutton, and **R.J. Ansley**. 2008. Plant community and soil microbial responses to fire and clipping in a southern mixed grassland. *Rangeland Ecology and Management* 61: 580-587.
- (54) Simmons, M.T., S.R. Archer, W.R. Teague, and **R.J. Ansley**. 2008. Tree (*Prosopis glandulosa*) effects on grass growth: an experimental assessment of above- and belowground interactions in a temperate savanna. *J. Arid Environments* 72: 314-325.
- (53) Teague, W.R., W.E. Grant, U.P. Kreuter, H. Diaz-Solis, S. Dube, M.M. Kothmann, W.E. Pinchak, and **R.J. Ansley**. 2008. An ecological economic simulation model for assessing fire and grazing management effects on mesquite rangelands in Texas. *Ecological Economics* 64: 611-624.
- (52) **Ansley, R.J.**, and M.J. Castellano. 2007. Texas wintergrass and buffalograss response to seasonal fires and clipping. *Rangeland Ecology and Management* 60: 154-164.
- (51) **Ansley, R.J.**, and M.J. Castellano. 2007. Prickly pear cactus responses to summer and winter fires. *Rangeland Ecology and Management* 60: 244-252.
- (50) **Ansley, R.J.**, and M.J. Castellano. 2007. Effects of summer season fires on woody, succulent and graminoid vegetation in southern mixed prairie ecosystems. *Tall Timbers Fire Ecology Conference* 23: 63-70.
- (49) Castellano, M.J., and **R.J. Ansley**. 2007. Fire season and grazing differentially affect temporal stability and drought resilience of three perennial grass functional groups. *J. Arid Environments* 69:375-384.
- (48) Simmons, M.T., S.R. Archer, **R.J. Ansley**, and W.R. Teague. 2007. Grass effects on tree (*Prosopis glandulosa*) growth in a temperate savanna. *J. Arid Environments* 69:212-227.
- (47) **Ansley, R.J.** and M.J. Castellano. 2006. Strategies for savanna restoration in the southern Great Plains: Effects of fire and herbicides. *Restoration Ecology* 14: 420-427.
- (46) **Ansley, R.J.**, T.W. Boutton, and J.O. Skjemstad. 2006. Soil organic carbon and black carbon storage and dynamics under different fire regimes in a temperate mixed-grass savanna. *Global Biogeochemical Cycles* 20, GB3006, doi:10.029/2005GB002670.

- (45) **Ansley, R.J.**, M.J. Castellano, and W.E. Pinchak. 2006. Sideoats grama growth responses to seasonal fires and clipping. *Rangeland Ecology and Management* 59: 258-266.
- (44) **Ansley, R.J.**, H.T. Wiedemann, M.J. Castellano, and J.E. Slosser. 2006. Herbaceous restoration of juniper-dominated grasslands with chaining and fire. *Rangeland Ecology and Management* 59: 171-178.
- (43) Dai, X., T.W. Boutton, M. Hailemichael, **R.J. Ansley**, and K.E. Jessup. 2006. Soil carbon and nitrogen storage in response to fire in a temperate mixed-grass savanna. *J. Environmental Quality* 35: 1620-1628.
- (42) Hughes, R.F., S.R. Archer, G.P. Asner, C.A. Wessman, C. McMurtry, J. Nelson, and **R.J. Ansley**. 2006. Changes in aboveground primary production and carbon and nitrogen pools accompanying woody encroachment in a temperate savanna. *Global Change Biology* 12: 1733-1747.
- (41) Amdor, B.A., J.E. Slosser, G.B. Idol, M.N. Parajulee, W.E. Pinchak, **R.J. Ansley**, and M.K. Owens. 2006. Population dynamics and response to mesquite pod supplementation for *Algarobius bottimeri* and *Mimosestes amicus*. *Southwestern Entomologist* 31: 103-112.
- (40) **Ansley, R.J.**, and G.A. Rasmussen. 2005. Managing native invasive juniper species using fire. *Weed Technology* 19: 517-522.
- (39) Dai, X., T.W. Boutton, B. Glaser, **R.J. Ansley** and W. Zech. 2005. Black carbon in a temperate mixed-grass savanna. *Soil Biology and Biochemistry* 37: 1879-1881.
- (38) Wiedemann, H.T, J.E. Slosser, and **R.J. Ansley**. 2005. *Tabanus abactor* Philip responses to chaining and burning redberry juniper stands. *Southwestern Entomologist* 30: 203-214.
- (37) **Ansley, R.J.**, W.E. Pinchak, W.R. Teague, B.A. Kramp, D.L. Jones and P.W. Jacoby. 2004. Long-term grass yields following chemical control of honey mesquite. *J. Range Management* 57: 49-57.
- (36) Pinchak, W.E., D.R. Tolleson, M. McCloy, L.J. Hunt, R.J. Gill, **R.J. Ansley** and S.J. Bevers. 2004. Morbidity impacts on productivity and profitability of stocker cattle grazing in the Southern Plains. *J. Animal Science* 82: 2773-2779.
- (35) **Ansley, R.J.**, B.A. Kramp and D.L. Jones. 2003. Converting mesquite thickets to savanna through foliage modification with clopyralid. *J. Range Management* 56: 72-80.
- (34) Asner, G.P., S.R. Archer, R.F. Hughes, **R.J. Ansley** and C.A. Wessman. 2003. Net changes in regional woody vegetation cover and carbon storage in Texas drylands, 1937-1999. *Global Change Biology* 9: 316-335.
- (33) Martin, R.E., G.P. Asner, **R.J. Ansley**, and A.R. Mosier. 2003. Effects of woody vegetation encroachment on soil nitrogen oxide emissions in a temperate savanna. *Ecological Applications* 13: 897-910.
- (32) Heaton, C.B., X.B. Wu and **R.J. Ansley**. 2003. Herbicide effects on vegetation spatial patterns in mesquite savanna. *J. Range Management* 56: 627-633.

- (31) Malinowski, D.P., A.A. Hopkins, W.E. Pinchak, J.W. Sij and **R.J. Ansley**. 2003. Productivity and survival of defoliated wheatgrasses in the Rolling Plains of Texas. *Agronomy J.* 95: 614-626.
- (30) **Ansley, R.J.**, W.A. Dugas, M.L. Heuer and B.A. Kramp. 2002. Bowen ratio/energy balance and scaled leaf measurements of CO<sub>2</sub> flux over burned *Prosopis* savanna. *Ecological Applications* 12: 948-961.
- (29) Bordovsky, D.G., M. Choudhary and **R.J. Ansley**. 2002. Survival of plant species as a function of salinity and slope position. *Texas J. Agriculture and Natural Resources* 15: 81-90.
- (28) **Ansley, R.J.**, X.B. Wu and B.A. Kramp. 2001. Observation: Long-term increases in mesquite canopy cover in a north Texas savanna. *J. Range Management* 54: 171-176.
- (27) Dowhower, S.L., W.R. Teague, **R.J. Ansley**, and W.E. Pinchak. 2001. Dry-weight-rank method assessment in heterogenous communities. *J. Range Management* 54: 71-76.
- (26) Teague, W.R., **R.J. Ansley**, U.P. Kreuter, W.E. Pinchak, and J.M. McGrann. 2001. Economics of managing mesquite in north Texas: a sensitivity analysis. *J. Range Management* 54: 553-560.
- (25) Teague, W.R., **R.J. Ansley**, J.M. McGrann and W.E. Pinchak. 1999. Developing sustainable management strategies for mesquite rangeland. *Revista Argentina de Produccion Animal* 19: 37-46.
- (24) **Ansley, R.J.**, D.L. Jones, T.R. Tunnell, B.A. Kramp and P.W. Jacoby. 1998. Honey mesquite canopy responses to single winter fires: relation to herbaceous fuel, weather and fire temperature. *International J. Wildland Fire* 8: 241-252.
- (23) **Ansley, R.J.**, B.A. Trevino and P.W. Jacoby. 1998. Intraspecific competition in honey mesquite: leaf and whole plant responses. *J. Range Management* 51: 345-352.
- (22) **Ansley, R.J.**, and P.W. Jacoby. 1998. Manipulation of fire intensity to achieve mesquite management goals in north Texas. *Tall Timbers Fire Ecology Conference* 20: 195-204.
- (21) Kramp, B.A., **R.J. Ansley** and T.R. Tunnell. 1998. Survival of mesquite seedlings emerging from cattle and wildlife feces in a semi-arid grassland. *Southwestern Naturalist* 43: 300-312.
- (20) **Ansley, R.J.**, W.A. Dugas, M.L. Heuer, and B.A. Trevino. 1994. Stem flow and porometer measurements of transpiration from honey mesquite (*Prosopis glandulosa* Torr.) trees. *J. Experimental Botany* 45: 847-856.
- (19) **Ansley, R.J.**, P.W. Jacoby, C.H. Meadors and B.K. Lawrence. 1992. Soil and leaf water relations of differentially moisture-stressed honey mesquite (*Prosopis glandulosa* Torr). *J. Arid Environments* 22: 147-159.
- (18) **Ansley, R.J.**, D.L. Price, S.L. Dowhower and D. Carlson. 1992. Seasonal trends in leaf area of honey mesquite trees: determination using image analysis. *J. Range Management* 45: 339-344.
- (17) Jacoby, P.W., **R.J. Ansley**, and B. A. Trevino. 1992. An improved method for measuring temperatures during range fires. *J. Range Management* 45: 216-219.
- (16) Cuomo, G.J., **R.J. Ansley**, P.W. Jacoby, and R.E. Sosebee. 1992. Honey mesquite transpiration along a vertical site gradient. *J. Range Management* 45: 334-338.

- (15) **Ansley, R.J.**, P.W. Jacoby and R. Hicks. 1991. Leaf and whole plant transpiration in honey mesquite following severing of lateral roots. *J. Range Management* 44: 577-583.
- (14) Jacoby, P.W., **R.J. Ansley** and C.H. Meadors. 1991. Late season control of honey mesquite with clopyralid. *J. Range Management* 44: 56-58.
- (13) **Ansley, R.J.**, P.W. Jacoby and G.J. Cuomo. 1990. Water relations of honey mesquite following severing of lateral roots: influence of location and amount of subsurface water. *J. Range Management* 43: 436-442.
- (12) **Ansley, R.J.**, C.H. Meadors and P.W. Jacoby. 1990. Preferential attraction of the twig girdler, *Oncideres cingulata texana* Horn, to moisture-stressed mesquite. *Southwestern Entomologist* 15: 469-474.
- (11) Jacoby, P.W., C.H. Meadors and **R.J. Ansley**. 1990. Control of honey mesquite with herbicides: influence of plant height. *J. Range Management* 43: 33-35.
- (10) Jacoby, P.W., **R.J. Ansley**, C.H. Meadors and G.C. Cuomo. 1990. Control of honey mesquite with herbicides: influence of stem number. *J. Range Management* 43: 36-38.
- (09) Jacoby, P.W., **R.J. Ansley**, C.H. Meadors and A.H. Huffman. 1990. Epicuticular wax in honey mesquite: seasonal accumulation and intraspecific variation. *J. Range Management* 43: 347-350.
- (08) Hicks, R.A., D.D. Briske, C.A. Call and **R.J. Ansley**. 1990. Co-existence of a perennial C<sub>3</sub> bunchgrass in a C<sub>4</sub> dominated grassland: an evaluation of gas exchange characteristics. *Photosynthetica* 24: 63-74.
- (07) Jacoby, P.W., **R.J. Ansley** and B.K. Lawrence. 1988. Design of rain shelters for studying water relations of rangeland shrubs. *J. Range Management* 41: 83-85.
- (06) **Ansley, R.J.**, P.W. Jacoby and B.K. Lawrence. 1988. Root containerization for physiological studies of shrubs and trees on rangeland. *J. Range Management* 41: 90-91.
- (05) Heitschmidt, R.K., **R.J. Ansley**, S.L. Dowhower, P.W. Jacoby and D.L. Price. 1988. Some observations from the excavation of honey mesquite root systems. *J. Range Management* 41: 227-231.
- (04) **Ansley, R.J.**, D.L. Price, B.K. Lawrence and P.W. Jacoby. 1988. A truck-mounted mobile screen for photodigital estimation of whole plant leaf area. *J. Range Management* 41: 355-358.
- (03) **Ansley, R.J.** and R.H. Abernethy. 1985. Environmental factors influencing Gardner saltbush seed dormancy alleviation. *J. Range Management* 38: 331-335.
- (02) **Ansley, R.J.** and R.H. Abernethy. 1984. Seed pretreatments and their effects on field establishment of spring seeded Gardner saltbush. *J. Range Management* 37: 509-513.
- (01) **Ansley, R.J.** and C.M. McKell. 1982. Crested wheatgrass vigor as affected by black grass bug and cattle grazing. *J. Range Management* 35: 586-590.

## 2. Books or Book Chapters

- (06) **Ansley, R.J.** and H.T. Wiedemann. 2008. Reversing the woodland steady state: vegetation responses during restoration of juniper-dominated grasslands with chaining and fire. Pages 272-290 In: O.W. Van Auken (editor), Western North American *Juniperus* Communities: A Dynamic Vegetation Type, Ecological Studies Volume 196, Springer, New York, 311 pp.
- (05) **Ansley, R.J.**, and C.A. Taylor. 2004. The future of fire as a tool for managing brush. Chapter 16, Pages 200-210, In: W. T. Hamilton, A. McGinty, D.N. Ueckert, C.W. Hanselka and M. R. Lee (editors), Brush Management - Past, Present, Future, Texas A&M Univ. Press, College Station.
- (04) **Ansley, R.J.** 2004. Mesquite. Pages 634-635 In: D.J. Wishart (editor), Encyclopedia of the Great Plains, University of Nebraska Press, Lincoln, NE.
- (03) Payson, T.E., **R.J. Ansley**, J.K. Brown, G.J. Gottfried, S.M. Haase, M.G. Harrington, M.G. Narog, S.S. Sackett and R.C. Wilson. 2000. Fire in western shrubland, woodland and grassland ecosystems. Chap. 6, pp 121-159, In: J.K. Brown and J.K. Smith (editors), Wildland Fire in Ecosystems: Effects on Flora, Gen. Tech. Rep. RMRS-GTR-42-vol 2. USDA Forest Serv., Rocky Mtn. Res. Sta. 257 pp.
- (02) **Ansley, R.J.** 1992. Honey mesquite, Fabaceae (Pea family), pp. 342-343, In: T.D. Whitson (editor), Weeds of the West, Pioneer of Jackson Hole Press, Jackson, WY.
- (01) Jacoby, P.W., and **R. J. Ansley**. 1991. Mesquite: classification, distribution, ecology, and control. Chap. 36, pp. 364-376, In: L.F. James, J.O. Evans, M.H. Ralphs, D.R. Child (editors), Noxious Range Weeds, Westview Press, Boulder, CO. 466 pp.

## 3. Editor-reviewed Articles and Extension Publications

- (08) **Ansley, R.J.** and C.R. Hart. 2011. Drivers of vegetation change on Texas rangelands. Texas AgriLife Extension Publication No. XXXX.
- (07) McGinty, A., **J. Ansley**, J.F. Cadenhead, W. Hamilton, W.C. Hanselka, C. Hart and D.N. Ueckert. 2005. Chemical weed and brush control suggestions for rangeland. *Texas Cooperative Extension, Bulletin 1466*, College Station, TX, 30 pp.
- (06) **Ansley, R.J.** 2005. How much of a water thief is mesquite? *The Cattleman* 92 (No. 1): 20-32 (June 2005 Issue).
- (05) Huddle, J.A., **R.J. Ansley** and S.R. Archer. 2002. Fire temperatures and scorch height: an example from prescribed burning mesquite in Texas. *The Prabhat Pub.* 8, Vol 1:13-19.
- (04) Teague, W.R., **R.J. Ansley**, U.P. Kreuter, J.M. McGrann and W.E. Pinchak. 2001. Fire vs. herbicide - the economics of herbicides and prescribed fire are compared in managing mesquite. *Rangelands* 23: 9-14.
- (03) Teague, R., R. Borchart, **J. Ansley**, B. Pinchak, J. Cox, J. Foy and J. McGrann. 1997. Sustainable management strategies for mesquite rangeland: the Waggoner Kite project. *Rangelands* 19: 4-8.

- (02) **Ansley, R.J.**, J.F. Cadenhead, and B.A. Kramp. 1996. Mesquite savanna: a brush management option. *The Cattleman* 82 (No. 11): 10-12 (April 1996 Issue).
- (01) **Ansley, R.J.**, W.E. Pinchak, and D.N. Ueckert. 1995. Changes in redberry juniper distribution in northwest Texas (1948 to 1982). *Rangelands* 17: 49-53.

4. Conference or Symposium Proceedings

- (22) Chen, W., S.S. Thanapal, K. Annamalai and **R.J. Ansley**. 2012. Comparative evaluation of CO<sub>2</sub>-O<sub>2</sub> and air (N<sub>2</sub>-O<sub>2</sub>) gasification of agricultural biomass fuels. *Proceedings of ASME Turbo Expo 2012: Power for Land, Sea and Air*, GT2012-69324, July 11-15, 2012, Copenhagen, Denmark (in press).
- (21) **Ansley, R.J.** 2008. Using fire and herbicides for vertical brush sculpting. Pages 32-35 In: R.J. Ansley and D. Rollins (eds), Proceedings: Brush Sculpting- A Decade Later, October 23-24, 2008, Snyder, TX, Texas AgriLife Extension Misc. Pub., TAES-San Angelo. 51 pp.
- (20) **Ansley, R.J.** 2008. Low intensity fire prescriptions for brush sculpting. Pages 49-51 In: R.J. Ansley and D. Rollins (eds), Proceedings: Brush Sculpting- A Decade Later, October 23-24, 2008, Snyder, TX, Texas AgriLife Extension Misc. Pub., TAES-San Angelo. 51 pp.
- (19) **Ansley, R.J.**, and D. Rollins (editors). 2008. Proceedings: Brush Sculpting- A Decade Later, October 23-24, Snyder and Roby, TX, Texas AgriLife Extension Misc. Pub., TAES-San Angelo. 51 pp.
- (18) **Ansley, R.J.**, W.E. Pinchak, and W.R. Teague. 2007. Mesquite cover responses in rotational grazing/prescribed fire management systems: landscape assessment using aerial images. Pages 73 to 78 In: R.E. Sosebee, D.B. Wester, C.M. Britton, E.D. McArthur, S.G. Kitchen (comp.), Proc. 13<sup>th</sup> Wildland Shrub Symposium - Shrubland Dynamics: Fire and Water, 12-14 August 2004, Lubbock, TX. Proc RMRS-P-47. USDA Forest Serv. Rocky Mtn. Res. Sta., Fort Collins, CO. 173 pp.
- (17) **Ansley, R.J.**, T.W. Boutton, and P.W. Jacoby. 2007. Mesquite root distribution and water use efficiency in response to long-term soil moisture manipulations. Pages 96 to 103 In: R.E. Sosebee, D.B. Wester, C.M. Britton, E.D. McArthur, S.G. Kitchen (comp.), Proc. 13<sup>th</sup> Wildland Shrub Symposium - Shrubland Dynamics: Fire and Water, 12-14 August 2004, Lubbock, TX. Proc RMRS-P-47. USDA Forest Serv. Rocky Mtn. Res. Sta., Fort Collins, CO. 173 pp.
- (16) Teague, W.R., **R.J. Ansley**, W.E. Pinchak, S. Dube. 2006. Integrating grazing and fire to manage mesquite brush. In: Proceedings: Grazing Conference, Patagonia, Argentina.
- (15) **Ansley, R.J.** 2005. Summer fire effects on southern Great Plains vegetation. Pages 255-272 In: C.G. Brown and D. Rollins (eds), Proceedings: Fire as a Tool for Managing Wildlife Habitats in Texas, Kerrville, Texas, September 14-16, 2005, Texas Cooperative Extension, San Angelo, TX.
- (14) Teague, W.R., U. Kreuter, **R.J. Ansley**, and J. McGrann. 2003. Economics of fire as a follow-up to herbicide treatment of mesquite. Pages 1973-1975 In: Allsopp, N., Palmer, A.R., Milton, S.J., Kirkman, K.P., Kerley, G.I.H., Hurt, C.R., Brown, C.J. (eds), Proceedings: 7th International Rangeland Congress, Soc. Range Manage., Durbin, South Africa, July 2003.

- (13) Teague, W.R., **R.J. Ansley**, J.M. McGrann and W.E. Pinchak. 2001. Developing sustainable grazing management strategies for mesquite rangeland. Pages 493-502 In: Proceedings: First National Conference on Grazing Lands - Heightening the Awareness of the Economic and Environmental benefits of Grazing Lands, Las Vegas, Nevada, 5-8 December 2000.
- (12) **Ansley, R.J.**, and C.A. Taylor. 2000. The future of fire as a tool for managing brush. Pages 159-169 In: A. McGinty, D.N. Ueckert and M. Lee (eds). Proceedings: The Next Millennium - Rangeland Weed and Brush Management Symposium and Workshop, San Angelo, 19-21 Oct 2000, TAEX Misc. Pub., TAES-San Angelo, 250 p.
- (11) Malinowski, D.P., W.E. Pinchak, J.W. Sij, A.A. Hopkins, **R.J. Ansley** and T.A. Baughman. 2000. Management of cool-season grasses affects soil temperature and plant survival during summer drought in the Rolling Plains of Texas. In: Proceedings- American Forage Growers Conf., Madison, WI.
- (10) **Ansley, R.J.**, B.A. Kramp, and T.L. Moore. 1998. Development and management of mesquite savanna using low intensity prescribed fires. Pages 155-161 In: J.M. Greenlee (ed). Proceedings: Fire Effects on Threatened and Endangered Species and Habitats Conference, 13-15 Nov. 1995, Coeur d'Alene, ID. International Assoc. Wildland Fire.
- (09) Cassida, K., D. Jariel, W.E. Pinchak, and **R.J. Ansley**. 1998. Forage yields and growth rates of warm season grasses clipped at different frequencies. In: Proceedings: Annual Forage and Grassland Council Meeting, Ft. Worth, TX, March 1997.
- (08) **Ansley, R.J.**, J.A. Huddle and B.A. Kramp. 1997. Mesquite ecology. Pages 21-25 In: D. Rollins, D.N. Ueckert and C.G. Brown (eds). Proceedings: Brush Sculptors Symposium, Uvalde, August 21-22 and Abilene, Sept. 17-18, 1997, TAEX Misc. Pub., TAES-San Angelo. 150 pp.
- (07) **Ansley, R.J.**, J.A. Huddle, B.A. Kramp and T. Tunnell. 1997. Using fire for sculpting brush. Pages 99-108 In: D. Rollins, D.N. Ueckert and C.G. Brown (eds). Proceedings: Brush Sculptors Symposium, Uvalde, August 21-22 and Abilene, Sept. 17-18, 1997, TAEX Misc. Pub., TAES-San Angelo. 150 pp.
- (06) Owens, M. K., and **R.J. Ansley**. 1997. Ecophysiology and growth of Ashe and redberry juniper. Chapter 3, pp. 19-31 In: Proceedings: Juniper Symposium 1997, San Angelo, January 1997, TAES-San Angelo, Technical Report 97-1.
- (05) **Ansley, R.J.**, D.L. Jones, and B.A. Kramp. 1996. Use of different intensity fires to convert *Prosopis* woodlands to grasslands or savannas. pp 13-14 In: N. West (ed.), Proceedings: 5th International Rangeland Congress, Soc. Range Manage., Salt Lake City, 23-28 July 1995.
- (04) Ueckert, D.N., S.G. Whisenant, and **R.J. Ansley**. 1994. Biology and ecology of redberry juniper. Chap. 3, pages 25-29, In: C.A. Taylor (ed.), Proceedings: Juniper Symposium 1994, 14 April, TAES-Sonora Res. Sta. Tech. Rep. 94-2, 80 p.
- (03) **Ansley, R.J.** 1991. Brush management and water. pp. 23-30 In: T. G. Welch (ed.) Proceedings: Brush Management Symposium, 7-8 May 1991, Abilene, TX. Texas Agric. Ext. Serv., Texas A&M Univ., College Station. 73 p.
- (02) **Ansley, R.J.**, P.W. Jacoby and B.K. Lawrence. 1989. Influence of stress history on water use patterns of honey mesquite. pp. 75-82. In: Wallace, A., McArthur, E. D., Haferkamp, M.R.



(compilers). Proceedings: Symposium on Shrub Ecophysiology and Biotechnology, Logan, UT, 30 June-2 July, 1987. Gen. Tech. Rep. INT-256; USDA Intermtn. Res. Sta., Ogden, UT, 183 p.

- (01) **Ansley, R.J.** and R.H. Abernethy. 1984. Overcoming seed dormancy in Gardner saltbush as a strategy for increasing establishment by direct seeding. pp. 152-158 In: Tiedemann, A.R.; McArthur, E.D.; Stutz, H.C.; Stevens, R.; Johnson, K.L (compilers). Proceedings: Symposium on the Biology of Atriplex and Related Chenopods; 2-6 May 1983; Provo, UT. Gen. Tech. Rep. INT-172; USDA Intermtn. Res. Sta. Ogden, UT, 309 p.

## 5. Field Day Reports and Miscellaneous Publications

- (31) Baughman, T., B. Pinchak, **J. Ansley** and J. Reed. 2003. *Rolling Plains 2002 Research and Extension Forage Report*, TAES-Vernon Center Tech. Rep. 2003-07, Vernon, TX, 12 pp.
- (30) **Ansley, R.J.**, W.E. Pinchak, M.K. Owens, B.A. Kramp and J.E. Slosser. 2002. Predation of mesquite seeds by livestock and wildlife. Pages 43-44, In: W.E. Pinchak (ed.), *Wheat/Stocker Cattle Field Day Report*, TAES-Vernon Center Tech. Rep. 2002-08, Vernon, TX, 49 pp.
- (29) Slosser, J.E., M.N. Parajulee, K.A. Barnett, G.B. Idol, W.E. Pinchak, M.K. Owens and **R.J. Ansley**. 2002. The potential of Bruchid beetles for biological control of mesquite seeds. Pages 45-46, In: W.E. Pinchak (ed.), *Wheat/Stocker Cattle Field Day Report*, TAES-Vernon Center Tech. Rep. 2002-08, Vernon, TX, 49 pp.
- (28) Owens, M.K., R.M. Cooper, W.E. Pinchak, **R.J. Ansley** and J.E. Slosser. 2000. How long do mesquite seeds last? In: Uvalde TAES Field Day Report.
- (27) **Ansley, R.J.** 1999. Mesquite savanna development using low-intensity fires and Reclaim herbicide. Pages 17-20, In: W.R. Teague (ed.), *Rolling Plains Ranching Systems Report*, TAES-Vernon Center Tech. Rep. 99-10, Vernon, TX, 81 pp.
- (26) **Ansley, R.J.**, B. A. Kramp, W.E. Pinchak, W.R. Teague and D.L. Jones. 1999. Response of honey mesquite to repeated winter or summer-season fires. Pages 7-10, In: W.R. Teague (ed.), *Rolling Plains Ranching Systems Report*, TAES-Vernon Center Tech. Rep. 99-10, Vernon, TX, 81 pp.
- (25) **Ansley, R.J.**, B. A. Kramp, and D.L. Jones. 1999. Relating weather and fine fuel conditions during fires to mesquite topkill. Pages 11-12, In: W.R. Teague (ed.), *Rolling Plains Ranching Systems Report*, TAES-Vernon Center Tech. Rep. 99-10, Vernon, TX, 81 pp.
- (24) **Ansley, R.J.**, W. R. Teague, and W. E. Pinchak. 1999. The cost of burning medium-sized pastures for mesquite control: data from the Kite Camp study. Page 21, In: W.R. Teague (ed.), *Rolling Plains Ranching Systems Report*, TAES-Vernon Center Tech. Rep. 99-10, Vernon, TX, 81 pp.
- (23) **Ansley, R.J.**, B. A. Kramp, D.L. Jones and J.F. Cadenhead III. 1999. Aerial herbicide treatment options for mesquite. Pages 46-48, In: W.R. Teague (ed.), *Rolling Plains Ranching Systems Report*, TAES-Vernon Center Tech. Rep. 99-10, Vernon, TX, 81 pp.
- (22) **Ansley, R.J.**, W. R. Teague, and W. E. Pinchak. 1999. Prescribed burning on the Kite Camp project: summary of progress 1995-1999. Pages 26-27, In: W.R. Teague (ed.), *Rolling Plains Ranching Systems Report*, TAES-Vernon Center Tech. Rep. 99-10, Vernon, TX, 81 pp.

- (21) Kramp, B.A., **R.J. Ansley**, and D. L. Jones. 1999. Effects of fire on mesquite pods and seeds. Pages 13-14, In: W.R. Teague (ed.), *Rolling Plains Ranching Systems Report*, TAES-Vernon Center Tech. Rep. 99-10, Vernon, TX, 81 pp.
- (20) Kramp, B.A., **R.J. Ansley**, and D. L. Jones. 1999. Effects of prescribed fire on mesquite seedlings. Pages 15-16, In: W.R. Teague (ed.), *Rolling Plains Ranching Systems Report*, TAES-Vernon Center Tech. Rep. 99-10, Vernon, TX, 81 pp.
- (19) Kramp, B.A., **R.J. Ansley**, and T.R. Tunnell. 1999. Mesquite seedling survival from cattle and wildlife feces. Page 62, In: W.R. Teague (ed.), *Rolling Plains Ranching Systems Report*, TAES-Vernon Center Tech. Rep. 99-10, Vernon, TX, 81 pp.
- (18) Teague, W.R. and **R.J. Ansley**. 1999. Planning a prescribed burn to control brush in Texas Rolling Plains. Pages 22-25, In: W.R. Teague (ed.), *Rolling Plains Ranching Systems Report*, TAES-Vernon Center Tech. Rep. 99-10, Vernon, TX, 81 pp.
- (17) Teague, W.R., **R.J. Ansley**, J.M. McGrann and W.E. Pinchak. 1999. Developing sustainable management strategies for mesquite rangeland: Summary of Kite Camp results 1995-1998. Pages 68-73, In: W.R. Teague (ed.), *Rolling Plains Ranching Systems Report*, TAES-Vernon Center Tech. Rep. 99-10, Vernon, TX, 81 pp.
- (16) Teague, W.R., J.M. McGrann, **R.J. Ansley**, and W.E. Pinchak. 1999. Net present value and benefit-cost relations using herbicides and prescribed fire to control mesquite. Pages 74-77, In: W.R. Teague (ed.), *Rolling Plains Ranching Systems Report*, TAES-Vernon Center Tech. Rep. 99-10, Vernon, TX, 81 pp.
- (15) Pinchak, W.E., D.R. Tolleson, **R.J. Ansley**, W. R. Teague, and R.J. Gill. 1999. Intensive early stocking and prescribed fire effects on cattle performance in north Texas. Pages 28-29, In: W.R. Teague (ed.), *Rolling Plains Ranching Systems Report*, TAES-Vernon Center Tech. Rep. 99-10, Vernon, TX, 81 pp.
- (14) **Ansley, R.J.**, and B.A. Kramp. 1998. Effect of climate and grass cover on mesquite seedling establishment. Texas Tech University Research Highlights - Range, Wildlife and Fisheries Manage. 29:12.
- (13) Kramp, B.A., **R.J. Ansley**, and D. Jones. 1998. Effect of prescribed fire on mesquite seedlings. Texas Tech University Research Highlights - Range, Wildlife and Fisheries Manage. 29:13.
- (12) Conner, J.R., C.A. Taylor, **R.J. Ansley**, B. Young, D. Rollins, B. Harris, W. Hamilton, R. Lacewell. 1998. Prescribed burning workshop proceedings. Prescribed Burning Task Force, Environmental Issues/Sustainability DET Report 98-1, 32 pages.
- (11) **Ansley, J.**, B. Kramp, T. Tunnell and D. Jones. 1997. Relating weather conditions during fires to mesquite topkill. Texas Tech University Research Highlights - Range, Wildlife and Fisheries Management 28:14.
- (10) **Ansley, J.**, D. Jones, T. Tunnell, B. Pinchak and R. Teague. 1997. The cost of burning medium-sized pastures for mesquite control: data from the Kite Camp study. Texas Tech University Research Highlights - Range, Wildlife and Fisheries Manage. 28:13.

- (09) **Ansley, R.J.** 1997. Integrated resource management. Section in Department of Rangeland Ecology and Management Program Area Brochure.
- (08) Kramp, B., **J. Ansley**, and T. Tunnell. 1997. Effect of grass competition following fire on growth and survival of mesquite seedlings. Texas Tech University Research Highlights - Range, Wildlife and Fisheries Manage. 28:13.
- (07) **Ansley, R.J.**, B.A. Kramp and D.L. Jones. 1995. Response of honey mesquite to single and repeated summer fires. Texas Tech University Research Highlights - Range, Wildlife and Fisheries Manage. 26:13-14.
- (06) Tunnell, T.R., and **R.J. Ansley**. 1995. Effect of summer and winter fires on annual broomweed and tobosagrass growth. Texas Tech University Research Highlights - Range, Wildlife and Fisheries Manage. 26:14-15.
- (05) Kramp, B.A., **R.J. Ansley** and T.R. Tunnell. 1995. Mesquite seedling survival from cattle and wildlife dung. Texas Tech University Research Highlights - Range, Wildlife and Fisheries Manage. 26:24.
- (04) Teague, R., **J. Ansley**, J. McGrann and B. Pinchak. 1995. A research-rancher partnership to achieve economically and environmentally sustainable use of rangeland. Texas Tech University Research Highlights - Range, Wildlife and Fisheries Manage. 26:28-29.
- (03) Pinchak, W.E., R.J. Gill, S.J. Bevers, L.J. Hunt, D.R. Tolleson, and **R.J. Ansley**. 1995. Shipping stress impacts on production efficiency and profitability of stocker cattle. pp 113-118 In: Turner, J.W., and L.M. Batcheler (compilers), Beef Cattle Research in Texas, 1995. Texas Agric. Exp. Sta. Misc. Pub., College Station, TX.
- (02) **Ansley, J.** and D. Lucia. 1994. Relation of fine fuel to fire temperature and effect on mesquite. Texas Tech University Research Highlights - Range, Wildlife and Fisheries Manage. 25:11.
- (01) Teague, R., **J. Ansley** and B. Pinchak. 1994. Reviving the Rolling Plains rangelands. TAES-Vernon Res. Sta. Pamphlet, 6 pp.