

Master List Refereed Journal Articles at Vernon By Year (2013-1974)

[Note: Vernon Faculty Member (Research, Extension or ARS) in Bold; the first number after each year subheading are number of papers with at least 1 research faculty as author; the second number are number of papers with only extension or ARS authors]

2013 (23; 0)

- Ale, S.**, P. H. Gowda, D. J. Mulla, D. N. Moriasi, and M. A. Youssef. 2013. Comparison of the performances of DRAINMOD-NII and ADAPT models in simulating nitrate losses from subsurface drainage systems. *Agricultural Water Management* 129: 21-30.
- Ansley, R. J.**, M. Mirik, X. B. Wu, and C. B. Heaton. 2013. Woody cover and grass production in a mesquite savanna: geospatial relationships and precipitation. *Rangeland Ecology and Management* 66: 621-633.
- Bhattarai, B., G. T. Fosgate, J. B. Osterstock, C. P. Fossler, **S. C. Park**, and A. J. Roussel. 2013. Perceptions of veterinarians in bovine practice and producers with beef cow-calf operations enrolled in the US voluntary bovine Johne's Disease control program concerning economic losses associated with Johne's Disease. *Preventive Veterinary Medicine* 112(3-4): 330-337.
- Bhattarai, B., G. T. Fosgate, J. B. Osterstock, C. P. Fossler, **S. C. Park**, and A. J. Roussel. 2013. Comparison of calf weaning weight and associated economic variables between beef cows with and without serum antibodies against or isolation from feces of *Mycobacterium avium* subsp *paratuberculosis*. *Journal of the American Veterinary Medical Association* 243(11): 1609-1615.
- Chaudhuri, S. and **S. Ale**. 2013. Characterization of groundwater resources in the Trinity and Woodbine aquifers in Texas. *Science of the Total Environment* 452-453: 333-348.
- Chaudhuri, S. and **S. Ale**. 2013. An appraisal of groundwater quality in Seymour and Blaine aquifers in a major agro-ecological region in Texas, USA. *Environmental Earth Sciences* (doi: 10.1007/s12665-013-2655-x).
- Chen, W., S. S. Thanapal, K. Annamalai, **R. J. Ansley**, and M. Mirik. 2013. Co-gasification of mesquite and coal blend in an updraft fixed bed gasifier. *Journal of Sustainable Bioenergy Systems* 3: 234-241.
- Chen, W., S. S. Thanapal, K. Annamalai, **R. J. Ansley**, and M. Mirik. 2013. Updraft gasification of mesquite fuel using air-stream and CO₂-O₂ mixture. *Energy & Fuels* 27: 7460-7469.
- DeLaune, P. B.** and P. A. Moore Jr. 2013. 17 β -estradiol in runoff as affected by various poultry litter application strategies. *Science of the Total Environment* 444: 26-31.
- DeLaune, P. B.**, **J. W. Sij**, and L. J. Krutz. 2013. Impact of soil aeration in dual-purpose no-till wheat systems on runoff characteristics. *Journal of Soil and Water Conservation* 68(4): 315-324.
- Gowda, P. H., D. J. Mulla, V. Nangia, and **S. Ale**. 2013. Scale effects of STATSGO and SSURGO on flow and water quality predictions. *Journal of Water Resource and Protection* 5(3): 266-274.

Min, B. R., **W. E. Pinchak**, C. Hernandez, and M. E. Hume. 2013. Grazing activity and ruminol bacterial population associated with frothy bloat in steers grazing winter wheat. *The Professional Animal Scientist* 29: 179-187.

Mirik, M., **R. J. Ansley**, J. A. Price, F. Workneh, and C. M. Rush. 2013. Remote monitoring of wheat streak mosaic progression using sub-pixel classification of Landsat 5 TM imagery for site specific disease management in winter wheat. *Advances in Remote Sensing* 2: 16-28.

Mirik, M., **R. J. Ansley**, K. Steddom, D. Jones, C. M. Rush, G. J. Michels, and N. Elliot. 2013. Remote detection of a noxious weed (musk thistle: *Carduus nutans*) using airborne hyperspectral imagery and support vector machine classifier. *Remote Sensing* 5: 612-630.

Mirik, M., S. Chaudhuri, B. Surber, **S. Ale**, and **R. J. Ansley**. 2013. Evaluating biomass of juniper trees (*Juniperus pinchotii*) from imagery-derived canopy area determined using the support vector machine classifier. *Advances in Remote Sensing* 2: 181-192.

Mirik, M., S. Chaudhuri, B. Surber, **S. Ale**, and **R. J. Ansley**. 2013. Detection of two intermixed invasive woody species using color infrared aerial imagery and the support vector machine classifier. *Journal of Applied Remote Sensing* 7 (doi: 10.1117/1.JRS.7.073588). 13 pages.

Moriasi, D. N., P. H. Gowda, J. G. Arnold, D. J. Mulla, **S. Ale**, and J. L. Steiner. 2013. Modeling the impact of nitrogen fertilizer application and tile drain configuration on nitrate leaching using SWAT. *Agricultural Water Management* 130: 36-43.

Moriasi, D. N., P. H. Gowda, J. G. Arnold, D. J. Mulla, **S. Ale**, J. L. Steiner, and M. D. Tomer. 2013. Evaluation of the Hooghoudt and Kirkham tile drain equations in SWAT to simulate tile flow and nitrate-nitrogen. *Journal of Environmental Quality* 42(6): 1699-1710.

Rajan, N., S. J. Maas, and S. Cui. 2013. Extreme drought effects on carbon dynamics of a semi-arid pasture. *Agronomy Journal* 105(6): 1749-1760.

Reiter, M. S., T. C. Daniel, **P. B. DeLaune**, A. N. Sharpley, and J. A. Lory. 2013. Effects of long-term poultry litter application on phosphorus soil chemistry and runoff water quality. *Journal of Environmental Quality* 42: 1829-1837.

Snowden, C., G. L. Ritchie, J. Cave, W. Keeling, and **N. Rajan**. 2013. Multiple irrigation levels affect boll distribution, yield, and fiber micronaire in cotton. *Agronomy Journal* 105(6): 1536-1544.

Teague, R., F. Provenza, U. Kreuter, T. Steffens and M. Barnes. 2013. Multi-paddock grazing on rangelands: Why the perceptual dichotomy between research results and rancher experience? *Journal of Environmental Management* 128: 699-717.

Tong, W., **S. C. Park**, **S. Bevers**, **W. R. Teague**, and J. Cho. 2013. Factors affecting cow-calf herd performance and greenhouse gas emissions. *Journal of Agricultural and Resource Economics* 38(3): 435-456.

2012 (22; 0)

Ale, S., L. C. Bowling, M. A. Youssef, and S. M. Brouder. 2012. Evaluation of simulated strategies for reducing nitrate loss through subsurface drains. *Journal of Environmental Quality* 41(1): 217-228.

Ale, S., L. C. Bowling, P. R. Owens, S. M. Brouder, and J. R. Frankenberger. 2012. A distributed modeling approach to assess the watershed-scale impact of drainage water management. *Agricultural Water Management* 107:23-33.

Anderson, R. C., M. Vodovnik, B. R. Min, **W. E. Pinchak**, N. A. Krueger, R. B. Harvey, and D. J. Nisbet. 2012. Bactericidal effect of hydrolysable and condensed tannins on *Campylobacter jejuni* in vitro. *Folia Microbiol* 57: 253-258.

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* 65: 189-195.

Chaudhuri, S., **S. Ale**, **P. B. DeLaune**, and **N. Rajan**. 2012. Spatio-temporal variability of groundwater nitrate concentration in Texas: 1960 to 2010. *Journal of Environmental Quality* 41(6): 1806-1817.

Chen, W., K. Annamalai, **R. J. Ansley**, and M. Mirik. 2012. Updraft fixed bed gasification of mesquite and juniper wood samples. *Energy* 41: 454-461.

DeLaune, P. B. and **J. W. Sij**. 2012. Impact of tillage on runoff in long term no-till wheat systems. *Soil and Tillage Research* 124: 32-35.

DeLaune, P. B., J. C. MacDonald, and B. W. Auvermann. 2012. Manure and runoff water quality from feedlots as affected by diet and pen surface. *Transactions of the ASABE* 55(6): 2319-2324.

DeLaune, P. B., **J. W. Sij**, **S. C. Park**, and L. J. Krutz. 2012. Cotton production as affected by irrigated level and transitioning tillage systems. *Agronomy Journal* 104: 991-995.

Kennedy, C. D., C. Bataille, Z. Liu, **S. Ale**, J. VanDeVelde, C. R. Roswell, L. C. Bowling, and G. J. Bowen. 2012. Dynamics of nitrate and chloride during storm events in agricultural catchments with different subsurface drainage intensity (Indiana, USA). *Journal of Hydrology* 466-467: 1-10.

Ku, N., 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* 78: 349-361.

Malinowski, D. P., D. P. Belesky, J. M. Ruckle, and J. M. Fedders. 2012. Productivity and botanical composition of orchardgrass -white clover swards in a cool-temperate hill land region. *Grassland Science* 58: 188-200.

Malinowski, D. P., **R. S. Brown**, and **W. E. Pinchak**. 2012. 'Blue Angel' winter-hardy hibiscus (*Hibiscus x moscheutos* L.). *HortScience* 47: 289-290.

Malinowski, D. P., **R. S. Brown**, and **W. E. Pinchak**. 2012. 'Robert Brown' winter-hardy hibiscus (*Hibiscus x moscheutos* L.). *HortScience* 47: 291-292.

Malinowski, D. P., Y. Y. Emendack, and D. Singh. 2012. Yellow Jacket seed coating improves establishment of 'Prosper' summer-dormant tall fescue. Online. *Forage and Grazinglands* (doi:10.1094/FG-2012-1113-01-RS).

Min, B. R., **W. E. Pinchak**, K. Hernandez, C. Hernandez, M. E. Hume, E. Valencia, and J. D. Fulford. 2012. Effects of plant tannin supplementation on animal responses and in vivo ruminal bacterial populations associated with bloat in heifers grazing wheat forage. *The Professional Animal Scientist* 28: 464-472.

- Mirik, M. and **R. J. Ansley**. 2012. Comparison of ground-measured and image-classified mesquite (*Prosopis glandulosa*) canopy cover. *Rangeland Ecology and Management* 65: 85-95.
- Mirik, M. and **R. J. Ansley**. 2012. Utility of satellite and aerial images for quantification of canopy cover and infilling rates of an invasive woody species on rangeland. *Journal of Applied Remote Sensing* 4: 1947-1962.
- Mirik, M., **R. J. Ansley**, G. J. Michels, and N. C. Elliott. 2012. Spectral vegetation indices selected for quantifying Russian wheat aphid (*Diuraphis noxia*) feeding damage in wheat (*Triticum aestivum* L.). *Precision Agriculture* 12: 795-812.
- Padilla, F. L. M., S. J. Maas, M. P. Gonzales-Dugo, **N. Rajan**, F. Mansilla, P. Gavilan, and J. Dominguez. 2012. Wheat yield monitoring in Southern Spain using the GRAMI model and a series of satellite images. *Field Crops Research* 130: 145-154.
- Park, S. C.**, B. W. Brorsen, A. Stoecker, and J. A. Hattey. 2012. Forage response to swine effluent: Cox nonnested test of alternative functional forms using a fast double bootstrap. *Journal of Agricultural and Applied Economics* 44: 593-606.
- Park, S. C.**, **R. J. Ansley**, M. Mirik, and M. A. Maindrault. 2012. Delivered biomass costs of honey mesquite (*Prosopis glandulosa*) for bioenergy uses in the Southern Great Plains, USA. *BioEnergy Research* 5: 989-1001.

2011 (14; 0)

- Bretz, F., **S.C. Park**, and T.M.S. Amosson. 2011. Economic analysis of manure harvesting equipment utilized in feedyards for dust control. *Texas Journal of Agriculture and Natural Resources* 24: 50-61.
- Butler, T.J., J.D. Stein, S.M. Interrante, and **D.P. Malinowski**. 2011. Novel approaches to establishing alfalfa-tall fescue pastures in the southern Great Plains. *Forage and Grazinglands*. Available online: <http://www.plantmanagementnetwork.org/sub/fg/research/2011/novel/novel.pdf>.
- Butler, T.J., S.M. Interrante, **D.P. Malinowski**, and K. Widdup. 2011. Annual medic forage and seed evaluations for the semiarid regions of the Great Plains. *Forage and Grazinglands*. Available online: <http://www.plantmanagementnetwork.org/sub/fg/research/2011/medic/medic.pdf>.
- De Koff, J.P., P.A. Moore Jr., D.H. Pote, S.J. Formica, M. Van Eps, and **P.B. DeLaune**. 2011. Effects of pasture renovation on hydrology, nutrient runoff, and forage yield. *Journal of Environmental Quality* 40: 320-328.
- Emendack, Y.Y., H. Herzog, K.P. Goetz, and **D.P. Malinowski**. 2011. Mid-season water stress on yield and water use of millet (*Panicum miliaceum*) and sorghum [*Sorghum bicolor* (L.) Moench]. *Australian Journal of Crop Science* 5: 1486-1492.
- Gutierrez-Banuelos, H., **W.E. Pinchak**, B.R. Min, G.E. Carstens, R.C. Anderson, L.O. Tedeschi, W.K. Krueger, N.A. Krueger, P.A. Lancaster, and R.R. Gomez. 2011. Effects of feed-supplementation and hide-spary application of two sources of tannins on enteric and hide bacteria of feedlot cattle. *Journal of Environmental Science and Health, Part B*. 46: 360-365.

Kelley, S.W., **D. Ransom**, J.A. Butcher, G.G. Schulz, B.W. Surber, **W.E. Pinchak**, C.A. Santamaria, and L.A. Hurtado. 2011. Home range dynamics, habitat selection, and survival of Great Roadrunners. *Journal of Field Ornithology* 82: 165-174.

Malinowski, D.P., D.W. Pitta, **W.E. Pinchak**, B. Min, and Y. Emendack. 2011. Effect of N fertilization on diurnal phenolic concentration and foam strength in forage of hard red wheat (*Triticum aestivum*) cv. Cutter. *Crop and Pasture Science* 62: 656-665.

Malinowski, D.P., T.J. Butler, and D.P. Belesky. 2011. Competitive ability of tall fescue against alfalfa as a function of summer dormancy, endophyte infection, and soil moisture availability. *Crop Science* 51: 1282-1290.

Mendes, E.D.M., G.E. Carstens, L.O. Tedeschi, **W.E. Pinchak**, and T.H. Friend. 2011. Validation of a system for monitoring feeding behavior in beef cattle. *Journal of Animal Science* 89: 2904-2910.

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.

Mohan Rao, B. V., M. Raghu Babu, **S. Ale**, T. V. Satyanarayana, and M. Madhava. 2011. Performance evaluation of subsurface drainage system at Appikatla drainage pilot area in Krishna Western Delta using DRAINMOD. *The Andhra Agricultural Journal*. 58 (4): 532-538. (was listed in 2013 Metrics report).

Park, S.C., J. Vitale, J.C. Turner, J.A. Hattey, and A. Stoecker. 2011. Economic potential of intensified forage systems in the Southern Plains. *Journal of American Society of Farm Managers and Rural Appraisers* 74: 97-119.

Sij, J., M. Belew, and **W.E. Pinchak**. 2011. Nitrogen management in no-till and convention-till dual-use wheat/stocker systems. *Texas Journal of Agriculture and Natural Resources* 24: 38-49.

2010 (18; 0)

Ale, S., L. C. Bowling, J.R. Frankenberger, S.M. Brouder and E.J. Kladvko. 2010. Climate variability and drain spacing influence on drainage water management system operation. *Vadose Zone Journal* 9: 43-52.

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.

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.

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.

Bretschiger, O., J.B. Osterstock, **W.E. Pinchak**, S. Ishij, and K.E. Nelson. 2010. Brief Review: Microbial fuel cells and microbial ecology: applications in ruminant health and production research. *Microbial Ecology* 59: 415-427.

Butcher, J.A., M.L. Morrison, **D. Ransom, Jr.**, R.D. Slack, and R.N. Wilkins. 2010. Evidence of a

minimum patch size threshold of reproductive success in an endangered songbird. *Journal of Wildlife Management* 74: 133-139.

DeLaune, P.B., P.A. Moore Jr. and S. Formica. 2010. Reducing phosphorus in swine effluent with aluminum chloride treatment during lagoon cleanout. *Journal of Applied Engineering* 26: 867-871.

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.

Krueger, W.K., H. Gutierrez-Bañuelos, G.E. Carstens, **W.E. Pinchak**, B.R. Min, R.C. Anderson, N.A. Krueger and T.D.A. Forbes. 2010. Effects of dietary tannin source on performance, feed efficiency, ruminal fermentation, and carcass and non-carcass traits in steers fed a high-grain. *Animal Feed Science and Technology* 159:1-9.

Maas, S.J. and **N. Rajan**. 2010. Normalizing and converting image Dc data using scatter plot matching. *Remote Sensing* 2: 1644-1661.

Park, S.C., J. Vitale, J.C. Turner, J. Hattey and A. Stoecker. 2010. Economic profitability of sustained application of swine lagoon effluent and beef feedlot manure relative to anhydrous ammonia in the Oklahoma panhandle. *Agronomy Journal* 102: 420-430.

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.

Pitta, D.W., **W.E. Pinchak**, S.E. Dowd, J. Osterstock, V. Gontcharova, E. Youn, K. Dorton, I. Yoon, B.R. Min, J.D. Fulford, T.A. Wickersham and **D.P. Malinowski**. 2010. Rumen bacterial diversity dynamics associated with transitioning from bermudagrass hay to grazed winter wheat diets in cattle. *Microbial Ecology* 59: 511-522.

Powell, R.A., **D. Ransom, Jr.**, R.D. Slack and N.J. Silvy. 2010. An updated analysis of the publications of The Wildlife Society (1937-2007). *Journal of Wildlife Management* 74: 816-827.

Rajan, N., S.J. Maas and J.C. Kathilankal. 2010. Estimating crop water use of cotton in the Texas High Plains. *Agronomy Journal* 102: 1641-1651.

Santamaria, C.A., S. Kelley, G.G. Schulz, **D. Ransom, Jr.**, and L.A. Hurtado. 2010. Polymerase chain reaction-based sex identification in the Greater Roadrunner. *Journal of Wildlife Management* 74: 1395-1399.

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.

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.

2009 (7; 1)

Bretschger, O., J. B. Osterstock, **W. E. Pinchak**, S. Ishii and K. E. Nelson. 2009. Microbial fuel cells and microbial ecology: applications in ruminant health and production research. *Microbial Ecology* (online doi 10.1007/s00248-009-9623-8).

Díaz-Solís, H., W.E. Grant, M.M. Kothmann, **W.R. Teague**, and J.A. Díaz-García. 2009. Adaptive management of stocking rates to reduce effects of drought on cow-calf production systems in semi-arid rangelands. *Agricultural Systems* 100: 43–50.

Malinowski, D.P., J. Kigel and **W. E. Pinchak**. 2009. Water deficit, heat tolerance, and persistence of summer-dormant grasses in the U.S. Southern Plains. *Crop Science* 49:2363-2370.

McCorkle, D.A., M.L. Waller, S.H. Amosson, **S.J. Bevers**, J.G. Smith. 2009. The economic impact of intensive commodity price risk management education. *Journal of Extension* 47:1-11.

Mirik, M., **R.J. Ansley**, J. Michels, Jr., and N. Elliott. 2009. Grain and vegetative biomass reduction by the Russian wheat aphid in winter wheat. *Southwestern Entomologist* 34: 131-139.

Pitta, D.W., **W.E. Pinchak**, S.E. Dowd, J. Osterstock, V. Gontcharova, E. Youn, K. Dorton, I. Yoon, B.R. Min, J. D. Fulford, T.A. Wickersham and **D.P. Malinowski**. 2009. Rumen bacterial diversity dynamics associated with changing from bermudagrass hay to grazed winter wheat diets. *Microbial Ecology* (online – doi 10.1007/s00248-009-9609-6).

Teague, W.R., U.P. Kreuter, W.E. Grant, H. Diaz-Solis, and M.M. Kothmann. 2009. Economic implications of maintaining rangeland ecosystem health in a semi-arid savanna. *Ecological Economics* 68:1417-1429.

West, C.P., M.R. Norton, F. Voltaire, A.A. Hopkins and **D.P. Malinowski**. 2009. First international workshop on summer dormancy in grasses: coping with climate change – summary and future directions. *Crop Science* 49: 2326-2327.

2008 (13; 7)

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.

Batla, M.A., J.E. Woodward, P.A. Dotray, and **T.A. Baughman**. 2008. Infection of two *Ipomoea* spp. by *Sclerotinia minor*. *Phytopathology* 98(6) suppl: p. S210.

Beslar, B.A., W.J. Grichar, S.A. Senseman, R.G. Lemon, and **T.A. Baughman**. 2008. Effects of row pattern configurations and reduced (1/2×) and full rates (1×) of imazapic and diclosulam for control of yellow nutsedge (*Cyperus Esculentus*) in peanut. *Weed Technology* 22:558-562.

Briske, D.D., J.D. Derner, J.R. Brown, S.D. Fuhlendorf, **W.R. Teague**, K.M. Havstad, R.L. Gillen, A.J. Ash, and W.D. Willms. 2008. Rotational grazing on rangelands: reconciliation of perception and experimental evidence. *Rangeland Ecology and Management* 61:3-17.

Clewis, S.B., D.K. Miller, C.H. Koger, **T.A. Baughman**, A.J. Price, D. Porterfield, and J.W. Wilcut. 2008. Weed management and crop response with glyphosate, s-metolachlor, trifloxysulfuron, prometryn, and MSMA in glyphosate-resistant cotton. *Weed Technology* 22: 160-167.

Grichar, W.J., P.A. Baumann, **T.A. Baughman**, and J.D. Nerada. 2008. Weed control and bermudagrass tolerance to imazapic plus 2,4-D. *Weed Technology* 22: 97-100.

Grichar, W.J., P.A. Dotray, and **T.A. Baughman**. 2008. Yellow nutsedge (*Cyperus esculentus*) control and peanut tolerance to s-metolachlor and diclosulam combinations. *Weed Technology* 22: 442-447.

Gutierrez-Bañuelos, H., R.C. Anderson, G.E. Carstens, L.O. Tedeschi, **W.E. Pinchak**, E. Cabrera-Diaz, N.A. Krueger, T.R. Callaway, and D.J. Nisbet. 2008. Effects of nitroethane and monensin on ruminal fluid fermentation characteristics and nitrocompound-metabolizing bacterial populations. *Journal of Agricultural and Food Chemistry* 56 (12): 4650-4658.

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.

Kreuter, U.P., J.B. Woodard, C.A. Taylor, and **W.R. Teague**. 2008. Perceptions of Texas landowners regarding fire and its use. *Rangeland Ecology and Management* 61: 456-464.

Malinowski, D.P., D.P. Belesky, B.A. Kramp, J. Ruckle, J. Kigel, and **W.E. Pinchak**. 2008. A method to differentiate summer-dormant from summer-active tall fescue and orchardgrass accessions at germination stage. *Australian Journal of Agricultural Research* 59:1092-1102.

Min, B.R., **W.E. Pinchak**, R. Merkel, S. Walker, G. Tomita, and R.C. Anderson. 2008. Comparative antimicrobial activity of tannin extracts from perennial plants on mastitis pathogens. *Scientific Research and Essay* 3: 66-73.

Ransom, D. Jr., R. R. Lopez, G. G. Schulz, and J. S. Wagner. 2008. Northern bobwhite habitat selection in relation to brush management in the Rolling Plains of Texas. *Western North American Naturalist* 68: 186-193.

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. *Journal of Arid Environments* 72:314-325.

Stanford, R.L., **R.J. Ansley**, and **D. Ransom, Jr.** 2008. Common broomweed growth characteristics in cleared and woody landscapes. *Rangeland Ecology and Management* 61:561 □565.

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.

Teague, W.R., S.E. Duke, J.A. Waggoner, S.L. Dowhower, S.A. Gerrard. 2008. Rangeland vegetation and soil response to summer patch fires under continuous grazing. *Arid Land Research and Management* 22:228-241.

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.

Woodward, J.E., M. A. Batla, P.A. Dotray, T.A. Wheeler and **T.A. Baughman**. 2008. Disease Notes: First report of *Sclerotinia minor* infecting *Ipomoea hederacea* and *I. coccinea* in Texas. *Plant Disease* 92: 482.

Woodward, J.E., C. Nui, R.J. Wright, M.A. Batla, and **T.A. Baughman**. 2008. Disease Notes: First report of *Sclerotinia sclerotiorum* infecting peanut in Texas. Plant Disease 92: 1468.

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