

## Refereed Journal Articles at Vernon – 2000's

### 2000

Malinowski, D.P., and D.P. Belesky. 2000. Adaptations of endophyte-infected cool-season grasses to environmental stresses: Mechanisms of drought and mineral stress tolerance. *Crop Science* 40:923-940.

Slosser, J.E., T.R. Moore, and M.N. Parajulee. 2000. Summer flight activity patterns of *Tabanus abactor* Philip in the Texas Rolling Plains. *Southwestern Entomologist* 25(3): 185-190.

Slosser, J.E., M.N. Parajulee, and D.G. Bordovsky. 2000. Evaluation of food sprays and relay strip crops for enhancing biological control of bollworms and cotton aphids in cotton. *International Journal of Pest Management* 46(4): 267-275.

Wiedemann, H.T., and B.T. Cross. 2000. Disk chain effects on seeded grass establishment. *Journal of Range Management* 53: 62-67.

### 2001

Ansley, R.J., X.B. Wu and B.A. Kramp. 2001. Observation: Long-term increases in mesquite canopy cover in a north Texas savanna. *Journal of Range Management* 54: 171-176.

Carroll, S.C., D.R. Rummel, T.W. Fuchs, J.E. Slosser, M.D. Arnold, M.N. Parajulee, L.T. Wilson, and J.E. Huston. 2001. Influence of adult boll weevil diet on winter survival and spring-summer emergence. *Southwestern Entomologist* 26(1): 33-48.

Choudary, M., and D.G. Bordovsky. 2001. Plant stand density and row configuration effect on production of Texas pinkeye hull cowpea. *Texas Journal of Agriculture and Natural Resources* 14: 104-111.

Dotray, P.A., T.A. Baughman, J.W. Keeling, W.J. Grichar, and R.G. Lemon. 2001. Effect of Imazapic Application Timing on Texas Peanut (*Arachis hypogaea*). *Weed Technology* 15:26-29.

Dowhower, S.L., W.R. Teague, R.J. Ansley, and W.E. Pinchak. 2001. Dry-weight-rank method assessment in heterogenous communities. *Journal of Range Management* 54: 71-76.

Grichar, W. J., P. A. Dotray, R. G. Lemon, T. A. Baughman, V. B. Langston, and B. Braxton. 2001. Using Strongarm for weed control in Texas peanuts. *Texas Journal of Agriculture and Natural Resources* 14:125-132.

Malinowski, D.P., W.E. Pinchak, T.A. Baughman, and G.D. Antilley. 2001. Effects of herbicide and liquid nitrogen fertilizer application on the establishment of wheatgrass pastures in the Texas Rolling Plains. *Texas Journal of Agriculture and Natural Resources* 14:58-67.

Olson, B.L.S., T.A. Baughman and J.W. Sij. 2001. Grain sorghum desiccation with sodium chlorate and paraquat in the Texas Rolling Plains. *Texas Journal of Agriculture and Natural Resources* 14:80-83.

Parajulee, M.N., and J.E. Slosser. 2001. Effect of ethephon on efficacy of grandlure-baited pheromone traps in surveying fall and spring populations of the boll weevil (Coleoptera: Curculionidae). *Environmental Entomology* 30(1): 64-69.

Parajulee, M.N., J.E. Slosser, S.C. Carroll, and D.R. Rummel. 2001. A model for predicting boll weevil (Coleoptera: Curculionidae) overwintering survivorship. *Environmental Entomology* 30(3): 550-555.

Slosser, J.E., M.N. Parajulee, G.B. Idol, and D.R. Rummel. 2001. Cotton aphid response to irrigation and crop chemicals. *Southwestern Entomologist* 26(1): 1-14.

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. *Journal of Range Management* 54: 553-560.

Teague, W.R., and S.L. Dowhower. 2001. Do life history traits predict response to defoliation in co-occurring prairie grasses? *Applied Vegetation Science* 4:267-276.

Teague, W.R., S.L. Dowhower, S.G. Whisenant and E. Flores-Ancira. 2001. Mesquite and grass interference with establishing juniper seedlings. *Journal of Range Management* 54:680-684.

Wiedemann, H.T., and B.T. Cross. 2001. Chain diker effects on seeded grass establishment following disk chaining. *Journal of Range Management* 54: 138-143.

Wiedemann, H.T., and P.J. Kelly. 2001. Turpentine (*Eremophila sturtii*) control by mechanical uprooting. *Rangeland Journal* 23: 173-181.

## **2002**

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.

Arnold, M.D., D.R. Rummel, J.P. Bordovsky, J.E. Slosser, and S.C. Carroll. 2002. Use of the center pivot irrigation system for reduction of cotton aphid sugars on cotton lint. *Southwestern Entomologist* 27(1): 11-19.

Baughman, T. A., W. J. Grichar, and D. L. Jordan. 2002. Tolerance of Virginia-type peanut to different application timings of 2,4-DB. *Peanut Science* 29:126-128.

Bordovsky, D.G., M. Choudhary and R.J. Ansley. 2002. Survival of plant species as a function of salinity and slope position. *Texas Journal of Agriculture and Natural Resources* 15: 81-90.

Slosser, J.E. 2002. Biology of *Hemileuca slosseri* (Lepidoptera: Saturniidae). *Southwestern Entomologist* 26(4): 291-296.

Slosser, J.E., M.N. Parajulee, D.L. Hendrix, T.J. Henneberry, and D.R. Rummel. 2002. Relationship between *Aphis gossypii* (Homoptera: Aphididae) and sticky lint. *Journal of Economic Entomology* 95(2): 200-306.

Teague, W.R., and S.L. Dowhower. 2002. Irrigation impact on harvest efficiency in grazed Old World bluestem. *Journal of Range Management* 55:260-265.

Teague, W. R., and J. K. Foy. 2002. Validation of SPUR2.4 Range Simulation Model Using a Cow-Calf Field Experiment. *Agricultural Systems* 74:287-302.

Wiedemann, H.T., D.N. Ueckert, and W.A. McGinty. 2002. Spray boom for sensing and selectively spraying small mesquite on highway rights-of-way. *Applied Engineering in Agriculture* 18: 661-666.

## **2003**

Ansley, R.J., B.A. Kramp and D.L. Jones. 2003. Converting mesquite thickets to savanna through foliage modification with clopyralid. *Journal of Range Management* 56: 72-80.

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.

Bennett, B., and S. Bevers. 2003. Developing a comprehensive business planning extension program. *Journal of Extension* 41: 1-10.

Heaton, C.B., X.B. Wu and R.J. Ansley. 2003. Herbicide effects on vegetation spatial patterns in mesquite savanna. *Journal of Range Management* 56: 627-633.

Kneuper, C., C. J. Scott, and W.E. Pinchak. 2003. Consumption and dispersion of mesquite seeds by ruminants. *Journal of Range Management* 56:255-259.

Light, G. G., T. A. Baughman, P. A. Dotray, J. W. Keeling, and D. B. Wester. 2003. Yield of glyphosate-tolerant cotton as affected by topical glyphosate applications on the Texas High Plains and Rolling Plains. *Journal of Cotton Science* 7:231-235.

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and survival of defoliated wheatgrasses in the Rolling Plains of Texas. *Agronomy Journal* 95: 614-626.

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Slosser, J.E. 2003. Biology of *Coleothorpa dominicana franciscana* (LeConte). *Southwestern Entomologist* 28(2) 91-95.

Teague, W.R. and S.L. Dowhower. 2003. Patch dynamics under rotational and continuous grazing management in large, heterogeneous paddocks. *Journal of Arid Environments* 53:211-229.

## 2004

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. *Journal of Range Management* 57: 49-57.

Grichar, W. J., B. A. Besler, T. A. Baughman, P. A. Dotray, R. G. Lemon, and S. A. Senseman. 2004. Cotton response to imazapic and imazethapyr residues following peanut. *Texas Journal of Agriculture and Natural Resources* 17:32-39.

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Lazar, M.D., W.D. Worrall, G.L. Peterson, A.K. Fritz, D.S. Marshall, L.R. Nelson, and L.W. Rooney. 2004. Registration of 'TAM 111' wheat. *Crop Science* 44:355-356.

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Teague, W.R. S.L. Dowhower and J.A. Waggoner. 2004. Drought and grazing patch dynamics under different grazing management. *Journal of Arid Environments* 58:97-117.

Teague, W. R. and J. K. Foy. 2004. Can the SPUR rangeland simulation model enhance understanding of field experiments? *Arid Land Research and Management*. 18:217-228.

## 2005

Ansley, R.J., and G.A. Rasmussen. 2005. Managing native invasive juniper species using fire. *Weed Technology* 19: 517-522.

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.

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Malinowski, D.P., H. Zuo, B.A. Kramp, J.P. Muir, and W. E. Pinchak. 2005. Obligatory summer-dormant cool-season perennial grasses for semiarid environments of the southern Great Plains. *Agronomy Journal* 97:147-154.

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Muir, J.P., R.L. Reed, and D.P. Malinowski. 2005. Forage and seed of *Strophostyles* species as affected by location and harvest height. *Native Plant J.* 6 (2):123-130.

Ramsey, R., D. Doye, C. Ward, J. McGrann, L. Falconer, and S. Bevers. 2005. Factors affecting beef cow-herd costs, production and profits. *Journal of Agric. Appl. Econ.* 37:91-99.

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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.

## 2006

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.

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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.

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.

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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.

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## **2007**

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.

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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.

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Min, B. R., W. E. Pinchak, D. Matthews, and J. D. Fulford. 2007. In vitro rumen fermentation and in vivo bloat dynamics of steers grazing winter wheat to corn oil supplementation. *Animal Feed Science and Technology* 133: 192-205.

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## 2008

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.

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## 2009

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