

R. James Ansley - Refereed Journal Articles at Vernon

1. Ansley, R.J., and R.H. Abernethy. 1985. Environmental factors influencing Gardner saltbush seed dormancy alleviation. *Journal of Range Management* 38: 331-335.
2. Ansley, R.J., P.W. Jacoby, and B.K. Lawrence. 1988. Root containerization for physiological studies of shrubs and trees on rangeland. *Journal of Range Management* 41: 90-91.
3. 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. *Journal of Range Management* 41: 355-358.
4. 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. *Journal of Range Management* 41: 227-231.
5. Jacoby, P.W., R.J. Ansley, and B.K. Lawrence. 1988. Design of rain shelters for studying water relations of rangeland shrubs. *Journal of Range Management* 41: 83-85.
6. 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. *Journal of Range Management* 43: 436-442.
7. 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.
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9. Jacoby, P.W., R.J. Ansley, C.H. Meadors, and A.H. Huffman. 1990. Epicuticular wax in honey mesquite: seasonal accumulation and intraspecific variation. *Journal of Range Management* 43: 347-350.
10. Jacoby, P.W., C.H. Meadors, and R.J. Ansley. 1990. Control of honey mesquite with herbicides: influence of plant height. *Journal of Range Management* 43: 33-35.
11. Hicks, R.A., D.D. Briske, C.A. Call, and R.J. Ansley. 1990. Co-existence of a perennial C₃ bunchgrass in a C₄ dominated grassland: an evaluation of gas exchange characteristics. *Photosynthetica* 24: 63-74.
12. Ansley, R.J., P.W. Jacoby, and R. Hicks. 1991. Leaf and whole plant transpiration in honey mesquite following severing of lateral roots. *Journal of Range Management* 44: 577-583.
13. Jacoby, P.W., R.J. Ansley, and C.H. Meadors. 1991. Late season control of honey mesquite with clopyralid. *Journal of Range Management* 44: 55-57.

14. 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). *Journal of Arid Environments* 22: 147-159.
15. 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. *Journal of Range Management* 45: 339-344.
16. Cuomo, G.J., R.J. Ansley, P.W. Jacoby, and R.E. Sosebee. 1992. Honey mesquite transpiration along a vertical site gradient. *Journal of Range Management* 45: 334-338.
17. Jacoby, P.W., R.J. Ansley, and B. A. Trevino. 1992. An improved method for measuring temperatures during range fires. *Journal of Range Management* 45: 216-219.
18. 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. *Journal of Experimental Botany* 45: 847-856.
19. Ansley, R.J., B.A. Trevino, and P.W. Jacoby. 1998. Intraspecific competition in honey mesquite: leaf and whole plant responses. *Journal of Range Management* 51: 345-352.
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21. 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 (refereed proceedings).
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24. 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.
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29. 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.
30. 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.
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 Journal* 95: 614-626.
32. 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.
33. 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.
34. 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.
35. 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. *Journal of Animal Science* 82: 2773-2779.
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41. 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:10.1029/2005GB002670. 11 pages.
42. 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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48. Ansley, R.J., and M.J. Castellano. 2007. Prickly pear cactus responses to summer and winter fires. *Rangeland Ecology and Management* 60: 244-252.
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.
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51. 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.

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