

Publications based on research conducted at Freeman Ranch (Freeman Center)

- Lund, J.N., J.R. Ott, and R.J. Lyon. 1998. Heterogony in *Belonocnema treatae* Mayr (Hymenoptera: Cynipidae). *Proceedings of the Entomological Society of Washington* 100, 755-763.
- Ott, J.R., J.A. Nelson, and T. Caillouet. 1998. The effect of spider-mediated flower alteration on seed production in golden-eye phlox. *The Southwestern Naturalist* 43, 430-436.
- Braswell, W.E., and J.R. Ott. 2000. The biology of *Doa ampla* (Lepidoptera: Doidae) on its host plant *Stillingia texana* (Euphorbiaceae). *Proceedings of the Entomological Society of Washington* 102, 507-518.
- Egan, S.E., and J.R. Ott. 2007. Host plant quality and local adaptation determine the distribution of a gall-forming herbivore. *Ecology* 88, 2868-2879.
- Schwinning, S. 2008. The water relations of two evergreen tree species in a karst savanna. *Oecologia* 158, 373-383.
- Kjelgaard, J.F., J.L. Heilman, K.J. McInnes, M.K. Owens, and R.H. Kamps. 2008. Carbon dioxide exchange in a subtropical, mixed C-3/C-4 grassland on the Edwards Plateau, Texas. *Agricultural and Forest Meteorology* 148, 953-963.
- Eggemeier K.D., and S. Schwinning. 2009. Biogeography of woody encroachment: why is mesquite excluded from shallow soils? *Ecohydrology* 2, 81-87.
- Hood, G.R., and J.R. Ott. 2010. Developmental plasticity and reduced susceptibility to natural enemies following host plant defoliation in a specialized herbivore. *Oecologia* 162, 673-683.
- Litvak, M.E., S. Schwinning, and J.L. Heilman. 2010. Woody plant rooting depth and ecosystem function of savannas: a case study from the Edwards Plateau karst, Texas, USA. In: *Ecosystem Function in Global Savannas: Measurement and Modeling at Landscape to Global Scales*. Hill M.J., Hanan N.P. (eds). CRC/Taylor and Francis. pp. 117-134.
- Hood, G.R., and J.R. Ott. 2011. Generational shape shifting: changes in egg shape and size between sexual and asexual generations of a cyclically parthenogenic gall former. *Entomologia Experimentalis et Applicata* 141, 88-96.
- Egan, S.E., G.R. Hood, and J.R. Ott. 2011. Natural selection on gall size: variable contributions of individual host plants to population-wide patterns. *Evolution* 65, 3543-3557.
- Heilman, J.L., M. Litvak, K. McInnes, J. Kjelgaard, R. Kamps, and S. Schwinning. 2012. Water-storage capacity controls energy partitioning and water use in karst ecosystems on the Edwards Plateau, Texas. *Ecohydrology* 7, 27-138.

Ott, J.R., and S.P. Egan. 2014. Interspecific patterns of natural selection do not predict intraspecific patterns. *Journal of Evolutionary Biology* 27, 1-6.

Tokumoto, I., J.L. Heilman, S. Schwinning, K.J. McInnes, M.E. Litvak, C.L.S. Morgan, and R.H. Kamps. 2014. Small-scale variability in water storage in rocky soils and effects on tree transpiration. *Plant and Soil* 385, 193-204.

Forbes, A.A., M.C. Hall, J. Lund, G.R. Hood, R. Izen, S.P. Egan, and J.R. Ott. 2015. Parasitoids, hyperparasitoids and inquilines associated with the sexual and asexual generations of the gall former, *Belonocnema treatae* (Hymenoptera: Cynipidae). *Annals of the Entomological Society of America* 109, 49-63.

Havill, S., S. Schwinning, and K.G. Lyons. 2015. Fire effects on invasive and native warm-season grass species in a North American grassland at a time of extreme drought. *Journal of Vegetation Science* 18, 637-649.

Reynolds, R.J., G. Campos, S.P. Egan, and J.R. Ott. 2016. Modelling heterogeneity among fitness functions using random regression. *Methods in Ecology and Evolution* 7, 70-79.

Theses (list is not complete)

Scott Havill 2012. Theoretical considerations regarding the control of invasive grasses by fire. MS Thesis, Texas State University, San Marcos, Texas

Ray H Kamps 2014. Carbon and water cycling in a Texas Hill Country woodland. Dissertation., Texas A&M University, College Station, Texas

Ieyasu Tokumoto 2013. Root water uptake and soil water dynamics in a karst savanna on the Edwards Plateau, Texas. Texas A&M University, College Station, Texas