

Cordell et. al Dry Forest Publications List

Submitted

- Nonner, E.N., Cordell, S., and Drake, D.R. Submitted to Pacific Science. The germination ecology of *Pennisetum setaceum* (Fountain Grass), an invasive African bunchgrass in Hawaii.
- Thaxton, J.M., Cole, T.C., and Cordell, S. Submitted to Pacific Science. Native species regeneration following ungulate exclusion and non-native grass removal in remnant Hawaiian Dry Forest

With citation

- Baskin, J.M., B. H. Davis, C. C. Baskin, S. M. Gleason, and S. Cordell. 2004. Physical dormancy in seeds of *Dodonaea viscosa* (Sapindales, Sapindaceae) from Hawaii. *Seed Science Research* 14: 81-90
- Brooks, S., Cordell, S., Perry, L., 2009. Broadcast Seeding as a Potential Tool to Reestablish Native Species in Degraded Dry Forest Ecosystems in Hawaii. *Ecological Restoration*. 27, 300-305.
- Cabin, R.J., Cordell, S., Sandquist, D.R., Thaxton, J., Litton, C., 2004. Restoration of tropical dry forests in Hawaii: Can scientific research, habitat restoration and educational outreach happily co-exist within a small private preserve? In: Proceedings of the Society for Ecological Restoration annual meeting, 2004 August 24-27; Victoria, Canada
- Cabin, R.J., S.G. Weller, D.H. Lorence, S. Cordell, and J.J. Hadway. 2002. Effects of microsite, water, weeding and direct seeding on the regeneration of native and alien species within a Hawaiian dry forest preserve. *Biological Conservation* 104: 181-190
- Cabin, R. J., S. G. Weller, D. H. Lorence, S. Cordell, L. J. Hadway, R. Montgomery, D. Goo, and A. Urakami. 2002. Effects of light availability, alien grass control, and native species additions on the restoration of a degraded tropical dry forest in Hawai'i. *Ecological Applications* 12:1595-1610
- Cordell, S., McClellan, M., Yarber Carter, Y. Hadway, L.J. 2008. Towards Restoration of Hawaiian Tropical Dry Forests: The Kaupulehu Outplanting Program. *Pacific Conservation Biology*. 14: 279–284
- Cordell, S., and Sandquist, D.R. 2008. The impact of an invasive African bunchgrass (*Pennisetum setaceum*) on water availability and productivity of canopy trees within a tropical dry forest in Hawaii. *Functional Ecology*. 22: 1008-1017

- Cordell, S.; Sandquist, D.R.; Litton, C.; Cabin, R.J.; Thaxton, J.; Hadway, L.; Castillo, J.M.; Bishaw, D. 2004. An invasive grass has significant impacts on tropical dry forest ecosystems in Hawaii: The role of science in landscape level resource management and native forest restoration in West Hawaii. In: Proceedings of the Society for Ecological Restoration annual meeting, 2004 August 24-27; Victoria, Canada
- Cordell, S., R.J. Cabin, R.J., and L.J. Hadway. 2002. Physiological ecology of native and alien dry forest shrubs in Hawaii. *Biological Invasions* 4:387-396
- Cornwell, W. K., Bhaskar, R., L. Sack, L., and Cordell, S. 2007. Hydraulic strategies of Hawaiian *Metrosideros polymorpha* at high and low precipitation. *Functional Ecology*. 21: 1063-1071
- Giardina, C. P., Litton, C.M., Thaxton, J.M., Cordell, S., and Sandquist, D.R. 2007 Science driven restoration: A candle in a demon haunted world – Response to Cabin (2007). *Restoration Ecology*. 15: 171-176
- James, S. A., S. Cordell, C.F. Puttock, and R.P. Adams. 2004 Morphological and genetic variation within *Metrosideros polymorpha* (Myrtaceae) populations from different habitats on Hawai`i. *New Zealand Journal of Botany* 42: 263-270
- Litton C.M., Sandquist D.R. and Cordell S. 2008. A non-native invasive grass increases soil carbon flux in a Hawaiian tropical dry forest. *Global Change Biology* 14: 726-739
- Litton, C.M., Sandquist, D.R., and Cordell, S. 2006. Aboveground live biomass in pristine, invaded and converted tropical dry forests of Hawai`i. *Forest Ecology and Management* 231: 105-113
- Sandquist D.R. and Cordell S. 2007. Functional diversity of carbon-gain, water-use, and leaf-allocation traits in trees of a threatened lowland dry forest in Hawaii. *Am. J. Bot.* 94: 1459-1469