

**FY 2015-16 NRS Annual Report**  
**PART 5. Publications**

Campus: Riverside  
Reserve: Sweeney Granite Mountains Desert Research Center  
Prepared by: Tasha La Doux  
Newly added publications: 21

- Anderson, L. R. 2015. Community Acceptance of Utility Scale Wind Developments: The Role of Environmental Values and Justice in the San Geronio Pass, California. Masters of Public Policy. Oregon State University, Corvallis, Oregon.
- Bradburd, G. S., P.L. Ralph, and G. M. Coop. 2013. Disentangling the effects of geographic and ecological isolation on genetic differentiation. *Evolution* **67**:3258-3273.
- De Groot, S. J. 2011. Collecting and processing cacti into herbarium specimens, using ethanol and other methods. *Systematic Botany* **36**:981-989.
- De Groot, S. J. 2011. Spatial analysis of morphology in *Eriastrum eremicum* (Polemoniaceae). *Systematic Botany* **36**:449-464.
- De Groot, S. J. 2013. Comparative and spatial analysis of morphology and taxonomy of *Eriastrum* Wooton and Standley (Polemoniaceae: Loeseliae). Ph.D. Dissertation. Claremont Graduate University, Claremont, CA.
- De Groot, S. J. 2016. Tomus Nominum Eriastri: The Nomenclature and Taxonomy of *Eriastrum* (Polemoniaceae: Loeseliae). *Aliso: A Journal of Systematic and Evolutionary Botany* **34**:25-152.
- Eppes, M. C. 2016. Insolation-related mechanical weathering of desert pavement rocks in the Mojave Desert. Pages 12-17 in D. L. Hughson, T. La Doux, and J. M. Andre, editors. Science Newsletter: Mojave National Preserve & Sweeney Granite Mountains Desert Research Center, April 2016. Mojave National Preserve, Barstow, CA.
- Epps, C. W., D. Dekelaita, and B. Dugovich. 2016. Updates on respiratory disease affecting desert bighorn sheep in and near Mojave National Preserve. Pages 1-7 in D. L. Hughson, T. La Doux, and J. M. Andre, editors. Science Newsletter: Mojave National Preserve & Sweeney Granite Mountains Desert Research Center, April 2016. Mojave National Preserve, Barstow, CA.
- Filazzola, A., A. Liczner, and A. Ruttan. 2016. Old dog, new tricks: advancing facilitation theory in the Mojave Desert. Pages 18-20 in D. L. Hughson, T. La Doux, and J. M. Andre, editors. Science Newsletter: Mojave National Preserve & Sweeney Granite Mountains Desert Research Center, April 2016. Mojave National Preserve, Barstow, CA.
- Gaddis, K. D., P. G. Thompson, and V. L. Sork. 2016. Dry-washes determine gene flow and genetic diversity in a common desert shrub. *Landscape Ecology* **31**:2215-2229.
- Lortie, C. J., A. Filazzola, and D. A. Sotomayor. 2016. Functional assessment of animal interactions with shrub-facilitation complexes: a formal synthesis and conceptual framework. *Functional Ecology* **30**:41-51.
- Lortie, C. J., A. Filazzola, C. Welham, and R. Turkington. 2016. A cost-benefit model for plant-plant interactions: a density-series tool to detect facilitation. *Plant Ecology* **217**:1315-1329.
- Mnich, M. E. 2012. Role of fire, grazing, and forest clearing in <sup>15</sup>N/<sup>14</sup>N balances across diverse terrestrial ecosystems. Master of Science. University of California, Davis, Davis, California.

- Moore, K. A. and B. M. Pavlik. 2015. Measuring and Evaluating Rare Plant Demography in the California Deserts: Implications for Solar Energy. California Energy Commission. Publication number: CEC-500-2016-045.
- Mulvaney, D. 2016. Energy and Global Production Networks. *in* B. Sovacool, T. Van de Graaf, F. Kern, A. Ghosh, and M. B. Klare, editors. Handbook of the International Political Economy of Energy. Palgrave MacMillan, Basingstoke, United Kingdom.
- Nowakowski, A. J. and B. D. Todd. 2016. Habitat selection and head-starting of desert tortoises in Mojave National Preserve. Pages 8-11 *in* D. L. Hughson, T. La Doux, and J. M. Andre, editors. Science Newsletter: Mojave National Preserve & Sweeney Granite Mountains Desert Research Center, April 2016. Mojave National Preserve, Barstow, CA.
- Rejmanek, D., P. Freycon, G.S. Bradburd, J. Dinstell, and J. Foley. 2013. Unique strains of *Anaplasma phagocytophilum* segregate among diverse questing and non-questing Ixodes tick species in the western United States. . Ticks and Tick-borne Diseases **4**:482-487.
- Ruttan, A., A. Filazzola, and C. J. Lortie. 2016. Shrub-annual facilitation complexes mediate insect community structure in arid environments. Journal of Arid Environments **134**:1-9.
- Ruttan, A. and C. J. Lortie. 2015. A systematic review of the attractant-decoy and repellent-plant hypotheses: do plants with heterospecific neighbours escape herbivory? Journal of Plant Ecology **8**:337-346.
- Shaffer, H. B., E. McCartney-Melstad, P. Ralph, G. Bradburd, E. Lundgren, J. Vu, B. Hagerty, F. Sandmeier, C. Weitzman, and R. Tracy. 2015. Desert Tortoises in the Genomic Age: Population Genetics and the Landscape. Draft Final Report to the California Department of Fish and Wildlife, submitted February 21, 2015.
- Vasek, F. C. 1980. Creosote bush: Long-lived clones in the Mojave Desert. American Journal of Botany **67**:246-255.