

Publications

Each year we ask our researchers to keep us informed of any publications resulting from research facilitated by the Center. We track all different kinds of publications, including dissertations and theses, peer-reviewed academic papers, books, government reports, and more. Currently we have over 750 publications on our list, most of which (~60%) are peer-reviewed articles in academic journals but nearly 10% are dissertations or theses. This year we added 16 publications to our list, all but four were academic peer-reviewed journal articles.

- 1 Freymiller, G. A., Whitford, M. D., Higham, T. E. & Clark, R. W. Recent interactions with snakes enhance escape performance of desert kangaroo rats (Rodentia: Heteromyidae) during simulated attacks. *Biological Journal of the Linnean Society* **122**, 651-660 (2017).
- 2 Harvey, J. C. Zircon age and oxygen isotopic correlations between Bouse Formation tephra and the Lawlor Tuff. *Geosphere* **10**, 221-232, doi:10.1130/ges00904.1 (2014).
- 3 Helms, K. R. & Cahan, S. H. Large-scale regional variation in cooperation and conflict among queens of the desert ant *Messor pergandei*. *Animal Behaviour* **84**, 499-507, doi:10.1016/j.anbehav.2012.05.019 (2012).
- 4 Helms, K. R., Newman, N. J. & Cahan, S. H. Regional variation in queen and worker aggression in incipient colonies of the desert ant *Messor pergandei*. *Behavioral Ecology and Sociobiology* **67**, 1563-1573, doi:10.1007/s00265-013-1568-8 (2013).
- 5 Heraty, J. M. *et al.* A phylogenetic analysis of the megadiverse Chalcidoidea (Hymenoptera). *Cladistics* **29**, 466-542, doi:10.1111/cla.12006 (2013).
- 6 Herreid, J. S. & Heraty, J. M. Hitchhikers at the dinner table: a revisionary study of a group of ant parasitoids (Hymenoptera: Eucharitidae) specializing in the use of extrafloral nectaries for host access. *Systematic Entomology* **42**, 204-229, doi:10.1111/syen.12206 (2017).
- 7 Jogesh, T., G. T. Broadhead, R. A. Raguso, and K. A. Skogen. 2018. Intraspecific floral diversity in the California evening primrose, *Oenothera californica* subsp. *avita*. Pages 8-12 in D. L. Hughson, T. La Doux, and J. M. André, editors. Science Newsletter: Mojave National Preserve & Sweeney Granite Mountains Desert Research Center, Fall 2018. Mojave National Preserve, Barstow, CA.
- 8 Landis, J. B. *et al.* Evolution of floral traits and impact of reproductive mode on diversification in the phlox family (Polemoniaceae). *Molecular Phylogenetics and Evolution* **127**, 878-890, doi:10.1016/j.ympev.2018.06.035 (2018).
- 9 Lopresti, E. F. 2018. California's glandular plants; where sticky situations are an advantage. Pages 5-7 in D. L. Hughson, T. La Doux, and J. M. André, editors. Science Newsletter: Mojave National Preserve & Sweeney Granite Mountains Desert Research Center, Fall 2018. Mojave National Preserve, Barstow, CA.
- 10 Lopresti, E. F., Grof-Tisza, P., Robinson, M., Godfrey, J. & Karban, R. Entrapped sand as a plant defence: effects on herbivore performance and preference. *Ecological Entomology* **43**, 154-161, doi:10.1111/een.12483 (2018).
- 11 McAuliffe, J. R. Perennial grass-dominated plant communities of the eastern Mojave Desert region. *Desert Plants* **32**, 1-90 (2016).
- 12 Mickley, J., and C. Schlichting. 2018. Revisiting an old question in California botany: Why do many plant species have five-petaled flowers? Pages 13-16 in D. L. Hughson, T. La Doux, and J. M. André, editors. Science Newsletter: Mojave National Preserve & Sweeney Granite Mountains Desert Research Center, Fall 2018. Mojave National Preserve, Barstow, CA.

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- 13 Mulvaney, D. Response to Mulvaney, "Are green jobs just jobs? Cadmium narratives in the life cycle of photovoltaics" Response. *Geoforum* **56**, 251-253, doi:10.1016/j.geoforum.2014.08.002 (2014).
- 14 Mulvaney, D. Identifying the roots of Green Civil War over utility-scale solar energy projects on public lands across the American Southwest. *Journal of Land Use Science* **12**, 493-515, doi:10.1080/1747423x.2017.1379566 (2017).
- 15 Murray, E. A., Carmichael, A. E. & Heraty, J. M. Ancient host shifts followed by host conservatism in a group of ant parasitoids. *Proceedings of the Royal Society B-Biological Sciences* **280**, 9, doi:10.1098/rspb.2013.0495 (2013).
- 16 Whitford, M. A., G. A. Freymiller, and R. W. Clark. 2018. Predator-prey interactions between rattlesnakes and kangaroo rats. Pages 1-4 in D. L. Hughson, T. La Doux, and J. M. André, editors. Science Newsletter: Mojave National Preserve & Sweeney Granite Mountains Desert Research Center, Fall 2018. Mojave National Preserve, Barstow, CA.