

# Ecological Impacts and Management of the Argentine ant in California

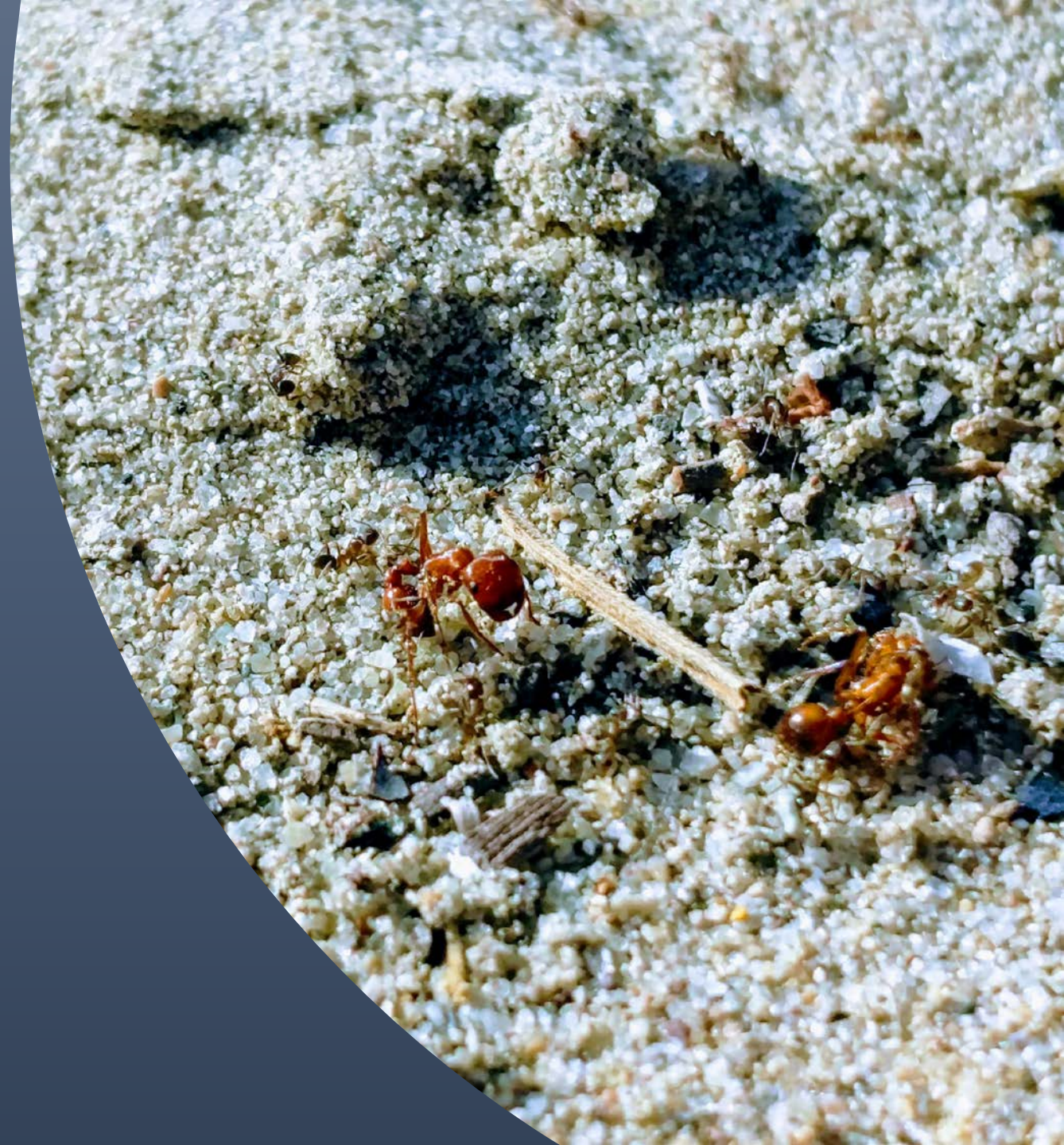
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# Ecosystem Disruption

- Negatively effect native ants
- Poor seed dispersers
  - Unlikely to contribute to invasive plant species movement



- Effect plant-insect interactions
- Nectar robbers
- Impact to vertebrates





G-03

## Detection

- Bait Cards
- Bait Traps
- Pitfalls
- Dogs
- e-DNA

# Control in Wildland Areas

- Hydrogels

JOURNAL OF  
APPLIED ENTOMOLOGY

Original Contribution

## Protocols for Argentine ant eradication in conservation areas

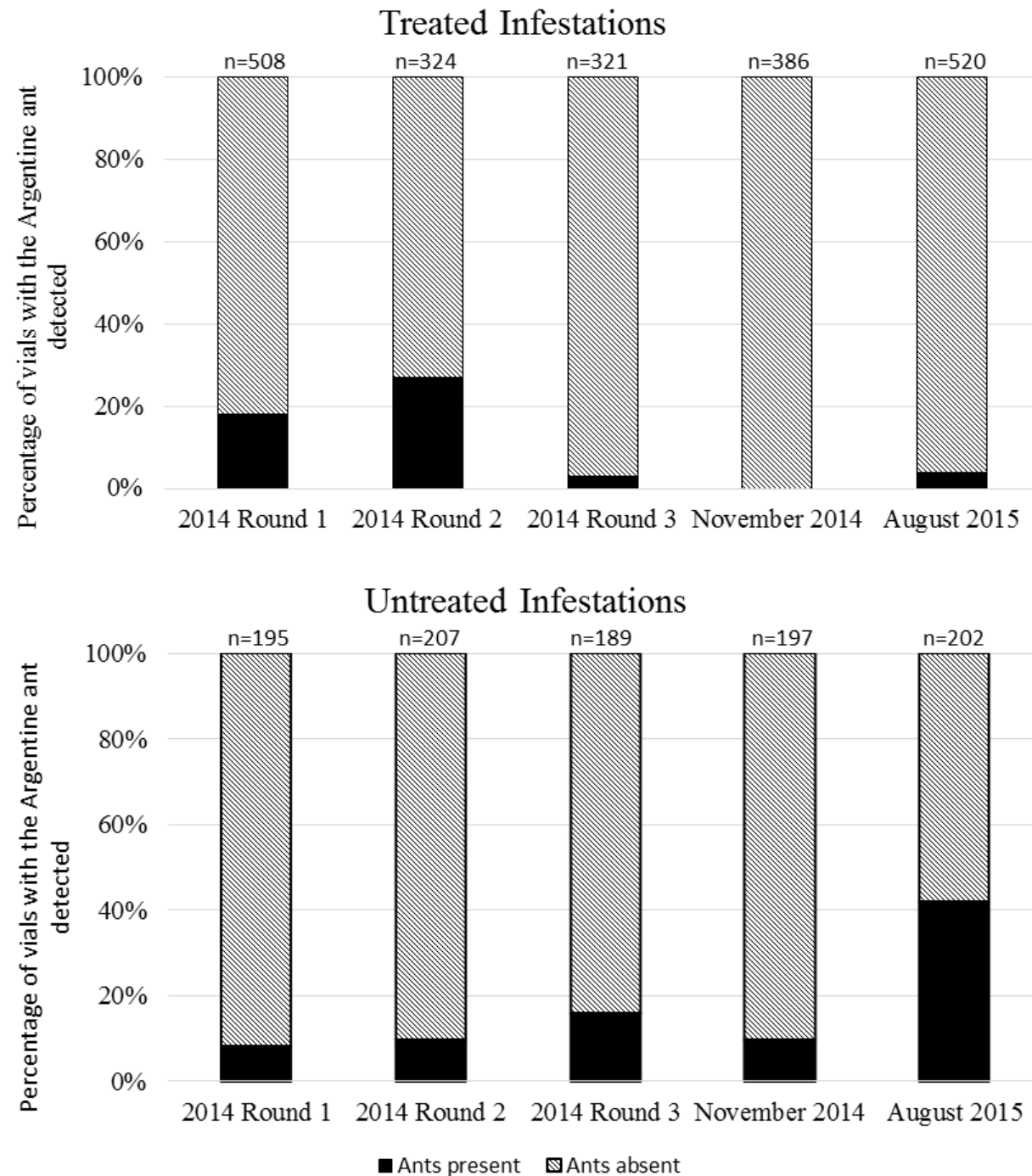
C. L. Boser ✉, C. Hanna, D. A. Holway, K. R. Faulkner, I. Naughton, K. Merrill, J. M. Randall, C. Cory, D.-H. Choe, S. A. Morrison

First published: 11 February 2017 | <https://doi.org/10.1111/jen.12372>

Western North American Naturalist 78(4), © 2018, pp. 829–836

## Argentine ant (*Linepithema humile*, Mayr) eradication efforts on San Clemente Island, California, USA

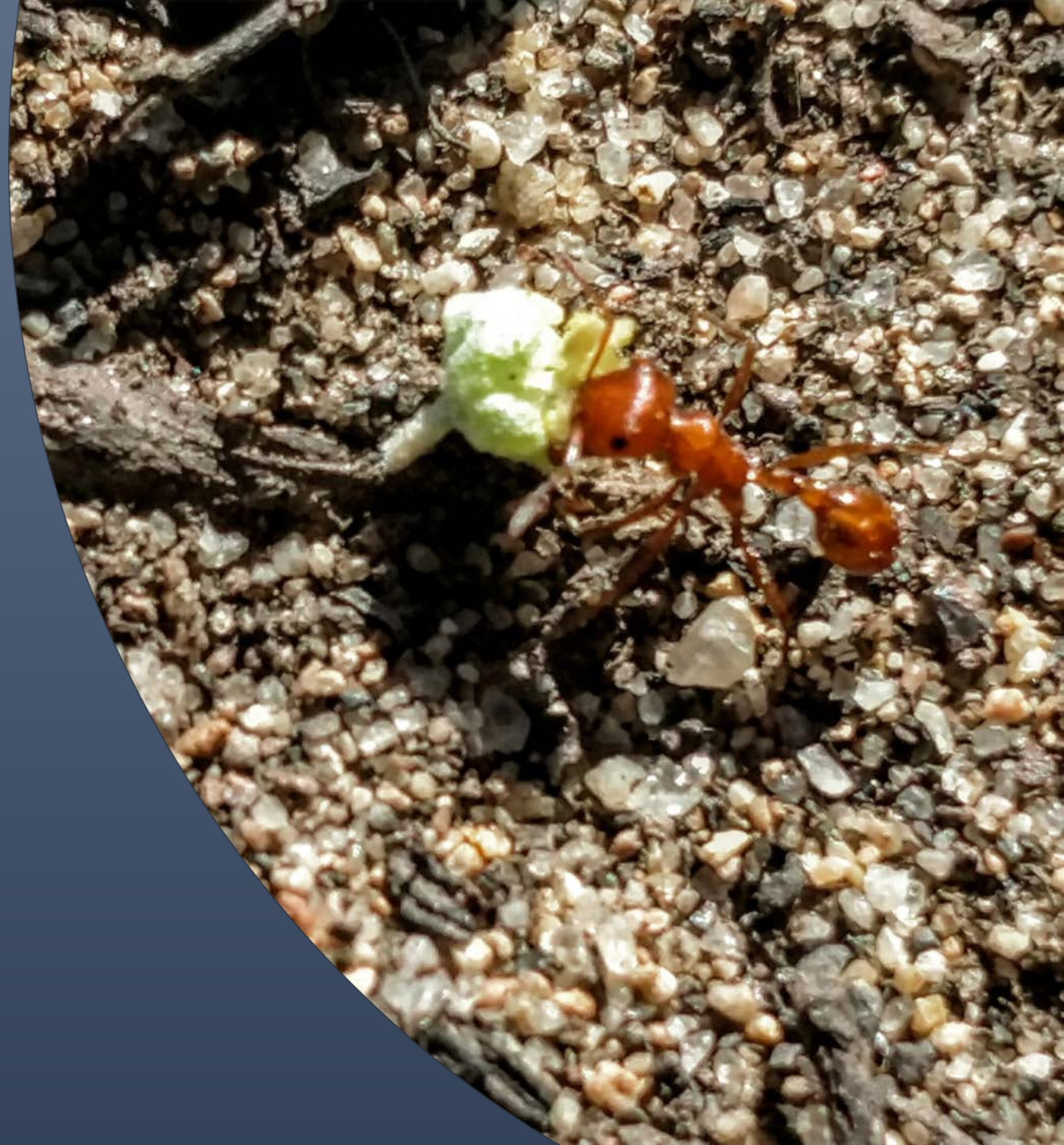
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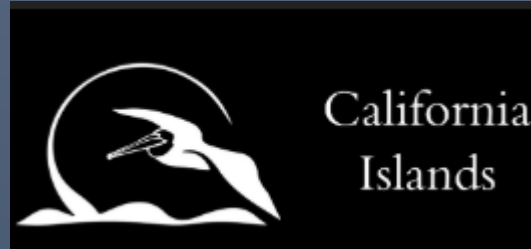
# Prevention - DON'T SPREAD ANTS

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- Restoration Activities
  - \_ Wattles
  - \_ Container Plants
  - \_ Irrigation
- Field Biologists



# Resources



<http://www.californiaislands.net/argentine-ants/>



[www.piat.org.nz](http://www.piat.org.nz)



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<https://ucanr.edu/sites/ucurbanpest/Research/Ant/>