Hand-removal method impacts on labor effort, Sahara mustard and native species: To bag or not to bag?

Lynn Sweet¹,

Jennifer Prado², Cameron Barrows¹

¹University of California, Riverside, Center for Conservation Biology

²Friends of the Desert Mountains

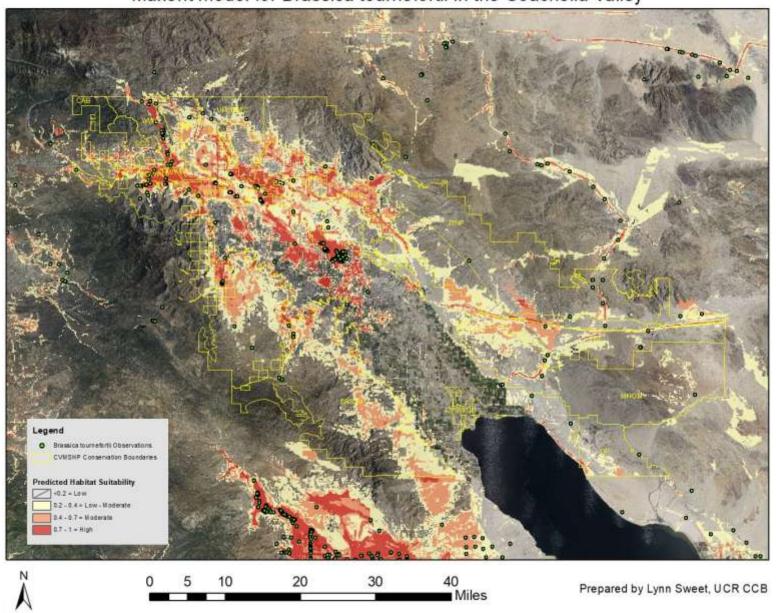




Sahara Mustard *Brassica tournefortii*



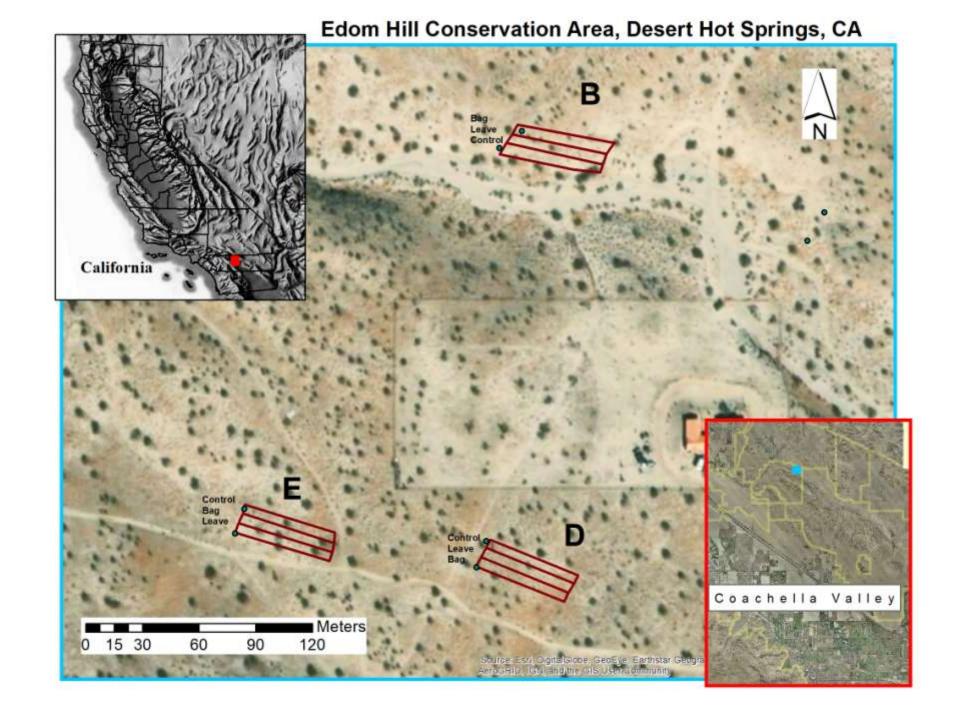
Maxent model for Brassica tournefortii in the Coachella Valley











2016 Edom Hill Plot Installation and Treatment

- 1) Pull and bag
- 2) Pull and leave
- 3) Control

2017 Measurements

Cover and ID of all plant species



Person-hours per square meter

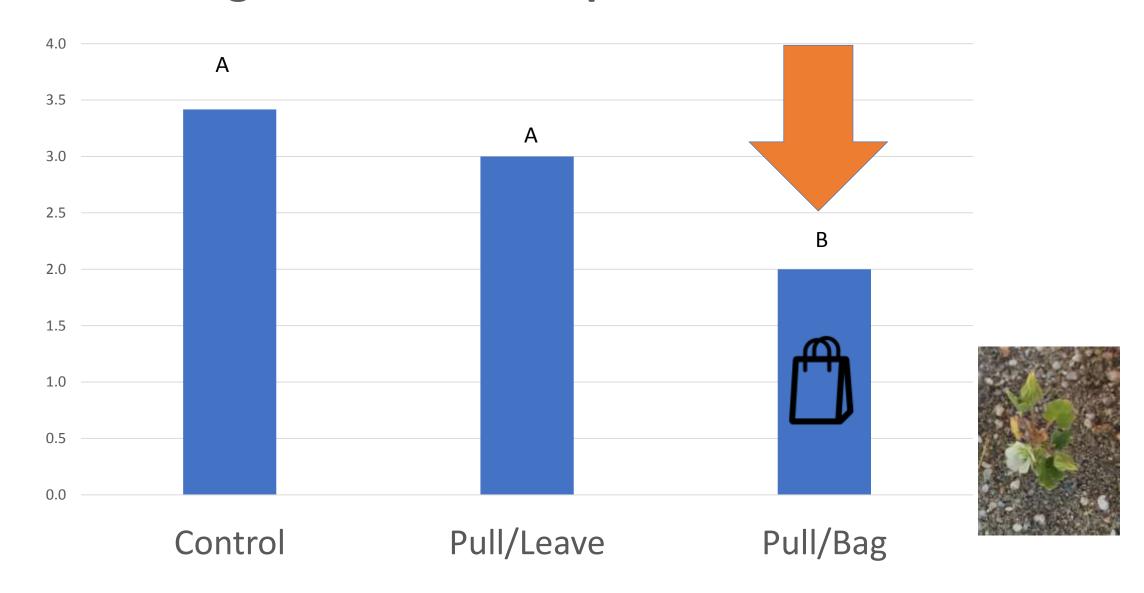


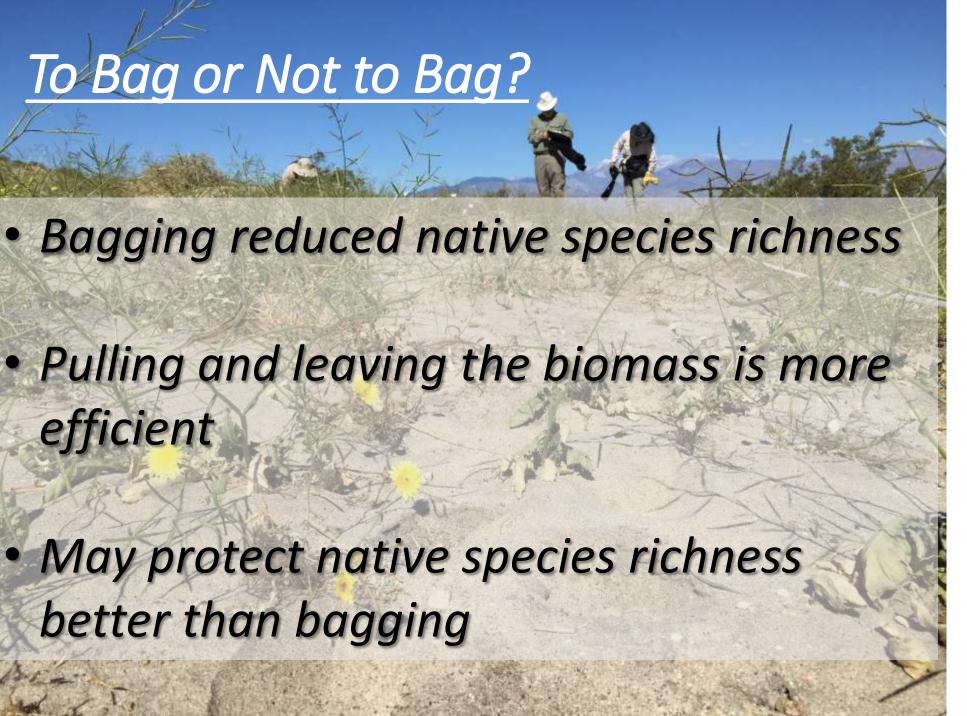


Change in Sahara mustard cover



Average native annual species richness







Questions Remain ?





What is the mechanism for maintaining species richness?









What is the best time to pull mustard?









 Are there any other negative effects from leaving the biomass?

Thanks and Funding

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 Commission
- Friends of the Desert Mountains
- Volunteers!









