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Progress report

The relative importance of diversity at scale for direct restoration in drylands.

Several ongoing research topics needed to be addressed in the last 6 months. However, I am keen to now move forward and examine the relevance of diversity of plants and animals at different scales relevant to direct restoration efforts.

List of achievements

item	description	outcome	date
1	BLM synthesis grant	successful grant award	begins June 1, 202
2	Ten simple rules for environmental management challenges.	resubmitted to Facets journal	March 2020
3	A synthesis of dryland restoration lessons relevant to the San Joaquin Valley book chapter	complete and preprinted	March 2020
4	Sampling invert communities in San Joaquin Desert grant	coauthored with J. Braun and submitted to agency	March 2020

Proposed goals

1. Plan sampling at least two sites in California at different scales.
2. Support floral diversity sampling for two projects.
3. Write up Cuyama Micronet paper.
4. Get RestoreNet setup.
5. Complete RDM paper.
6. Complete step 1 of invert synthesis.
7. Do meta on tipping points.
8. Do meta on ecotypes.

Key questions

1. How late is too late to set up Restorenet?
2. When is the best time to sample for diversity at scale?
3. What is a good simple, back-up sampling project for diversity and restoration?
4. How to time invert synthesis?
5. When to fit in RDM paper?

Chapter updates

State details on 1-2 chapters that you seek input.