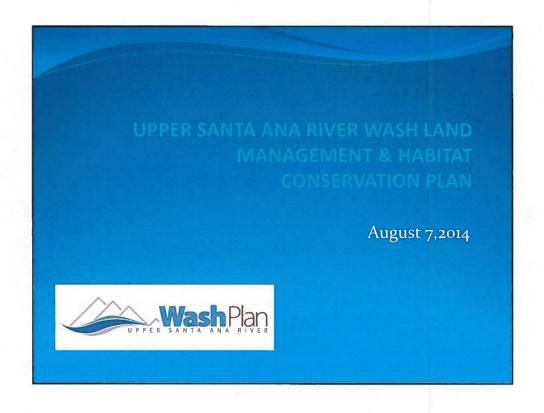


## SPINEFLOWER WORKING GROUP

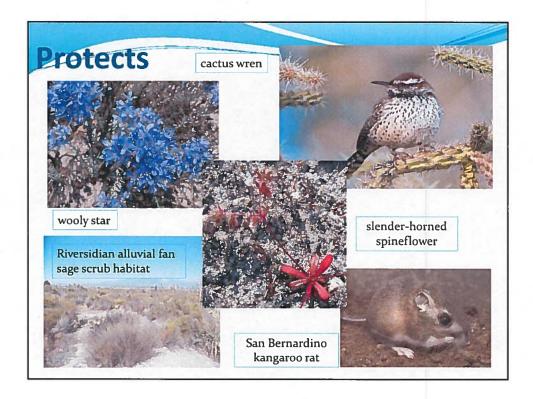
August 7, 2014 - 10:00 AM

San Bernardino Valley Water Conservation District 1630 W Redlands Blvd, Suite A Redlands CA 92373 (909) 793-2503

- 1. CALL TO ORDER
- 2. WELCOME AND SELF-INTRODUCTIONS
- 3. WASH PLAN HCP: HISTORY AND STATUS
- 4. SLENDER-HORNED SPINEFLOWER: BIOLOGY AND ECOLOGY
- 5. SPINEFLOWER MANAGEMENT AND HABITAT RESTORATION
- 6. NEXT STEPS
- 7. ADJOURN MEETING

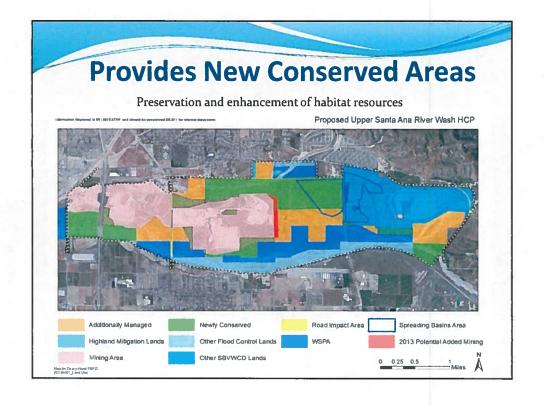


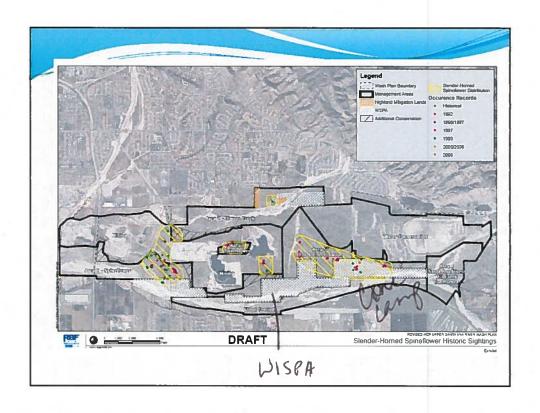


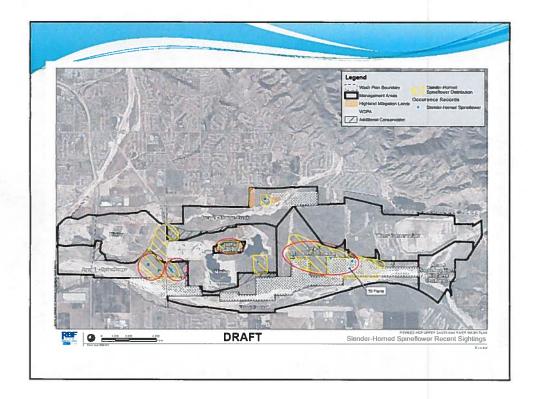


## **Changes from Previous Version**

- Less Mining
- Fewer Water Conservation Basins
- More Conservation and Management
- More Detail in Species, Habitat and Covered Activities
- More Detailed Habitat Management Planning
  - Spineflower issues

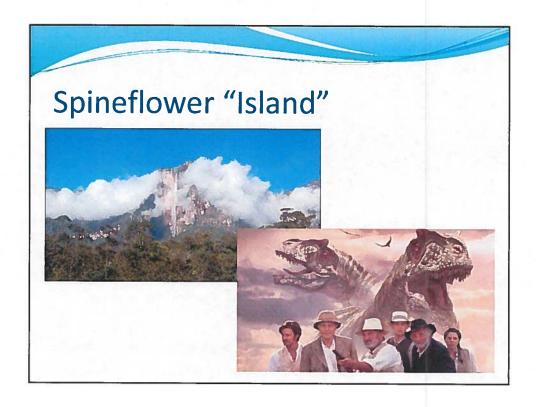






## **Biological Objectives**

- To develop a robust, science based experimental program to address issues unique to the maintenance and enhancement of existing slender-horned spineflower populations and the potential establishment of new ones within the conserved areas of the Wash Plan area;
- To actively manage conserved lands within the Wash Plan area for the benefit of covered species, including control of non-native plant species, selective vegetation thinning, habitat enhancement;



## **Opening Questions**

- Why is spineflower distribution so limited?
- Is this a crytogammic soil exercise?
- Can spineflower be propagated?
- How do we expand existing range?
- How do we know if we're successful?
- Are there ways to improve existing habitat?