

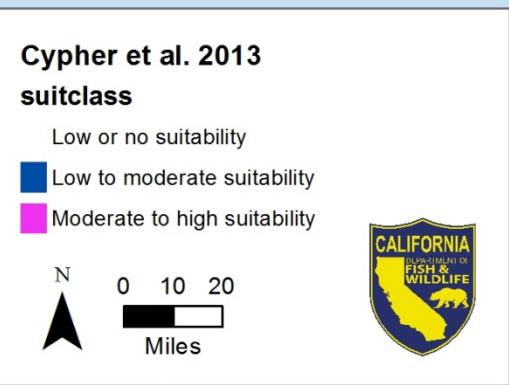
# Keeping the Carrizo Connected

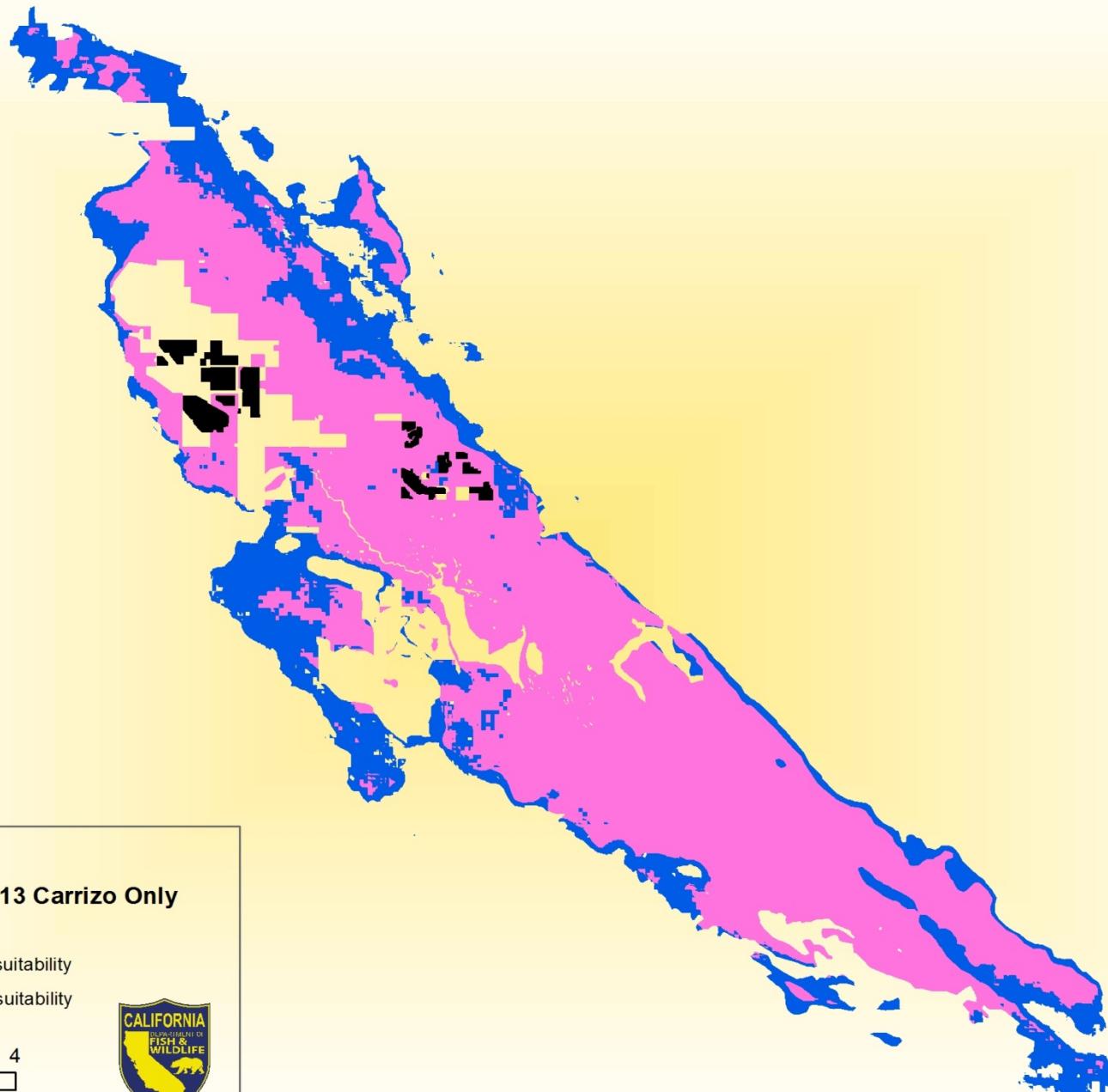
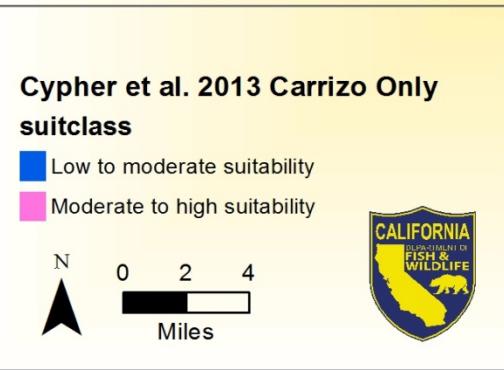
Stepping Beyond the National Monument

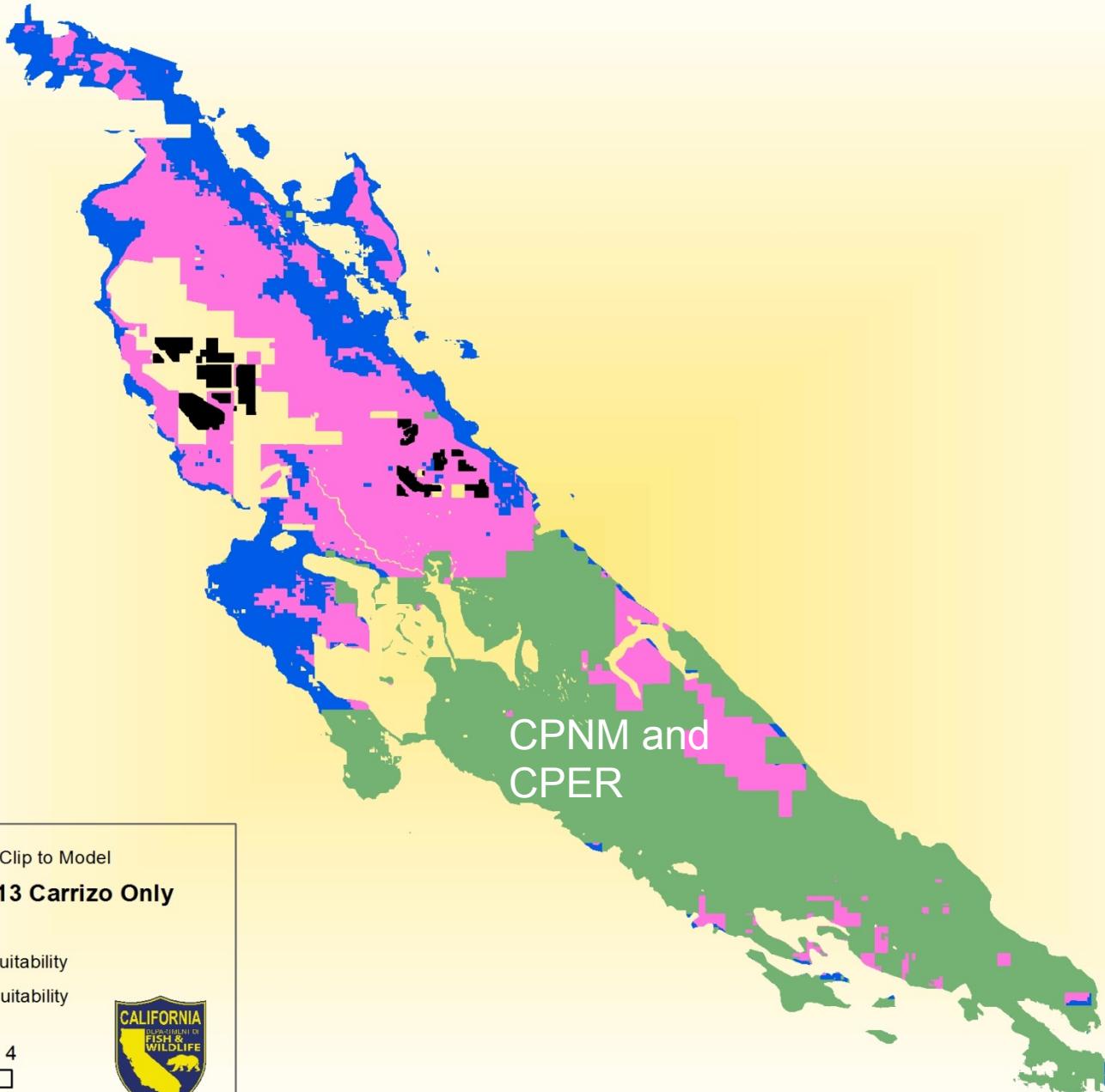
November 8, 2013  
Carrizo Colloquium  
San Luis Obispo Botanical Garden

Dave Hacker  
California Department of Fish and Wildlife







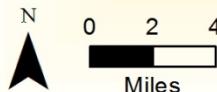


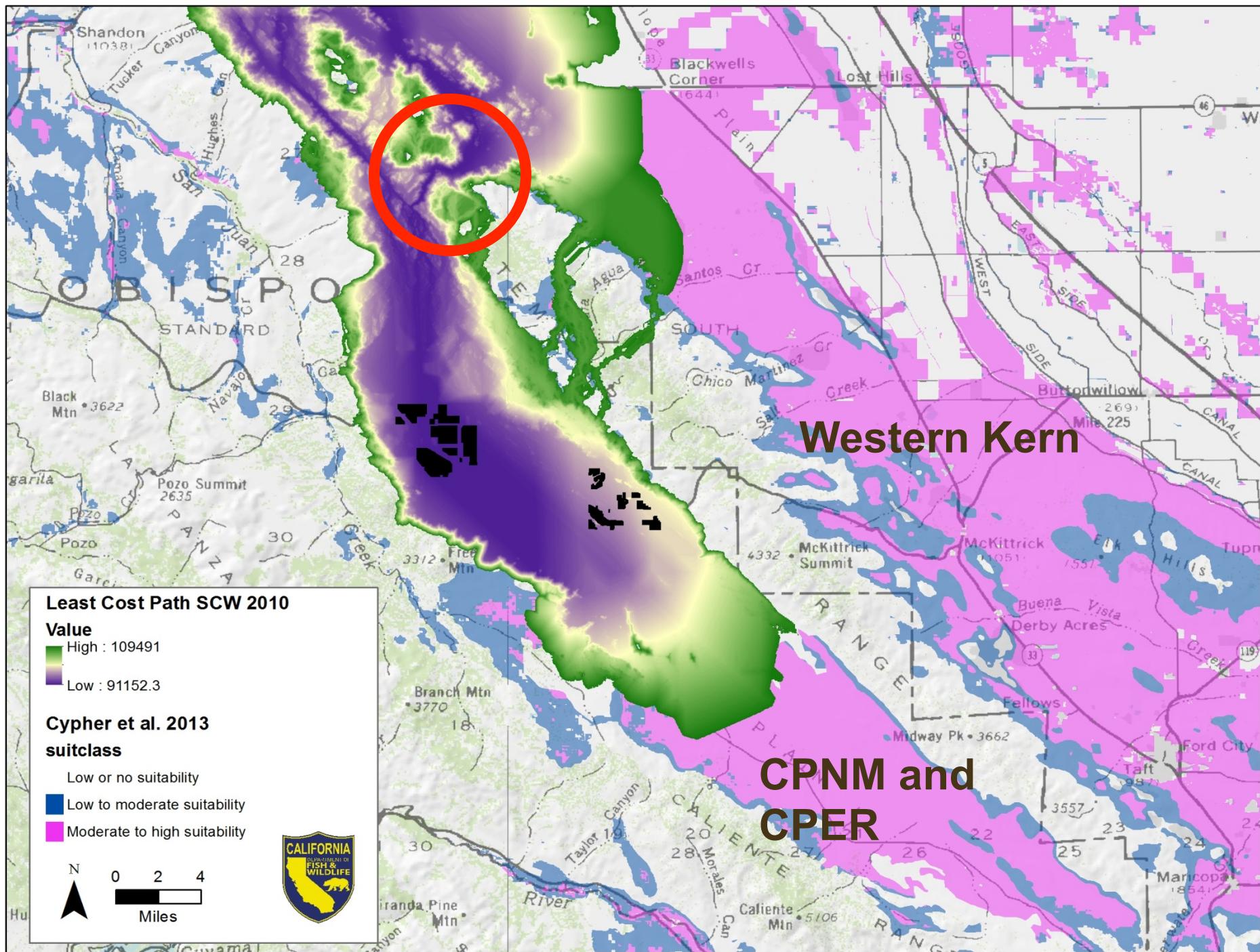
CPNM and CPER Clip to Model

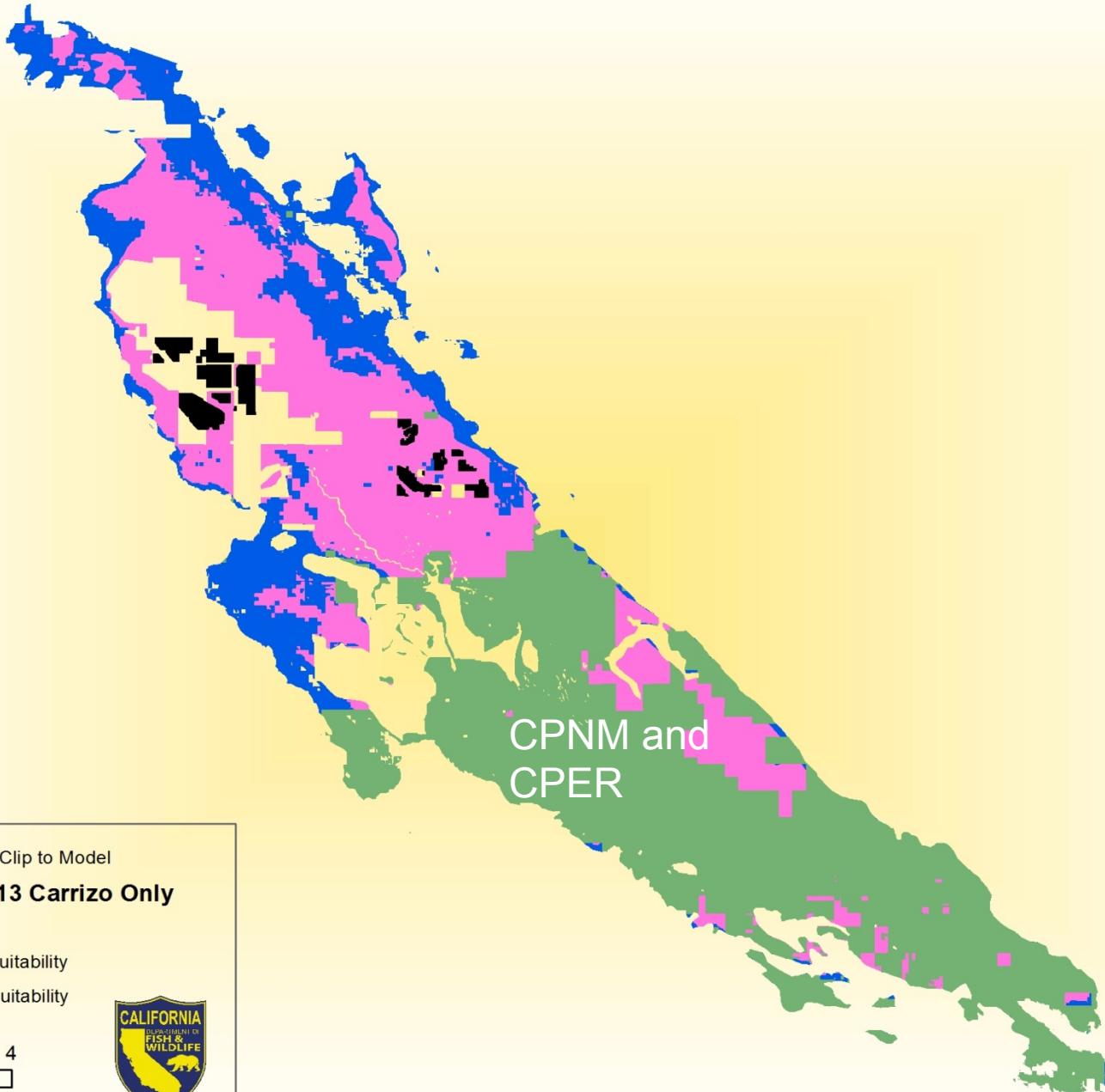
**Cypher et al. 2013 Carrizo Only  
suitclass**

Low to moderate suitability

Moderate to high suitability





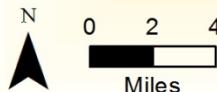


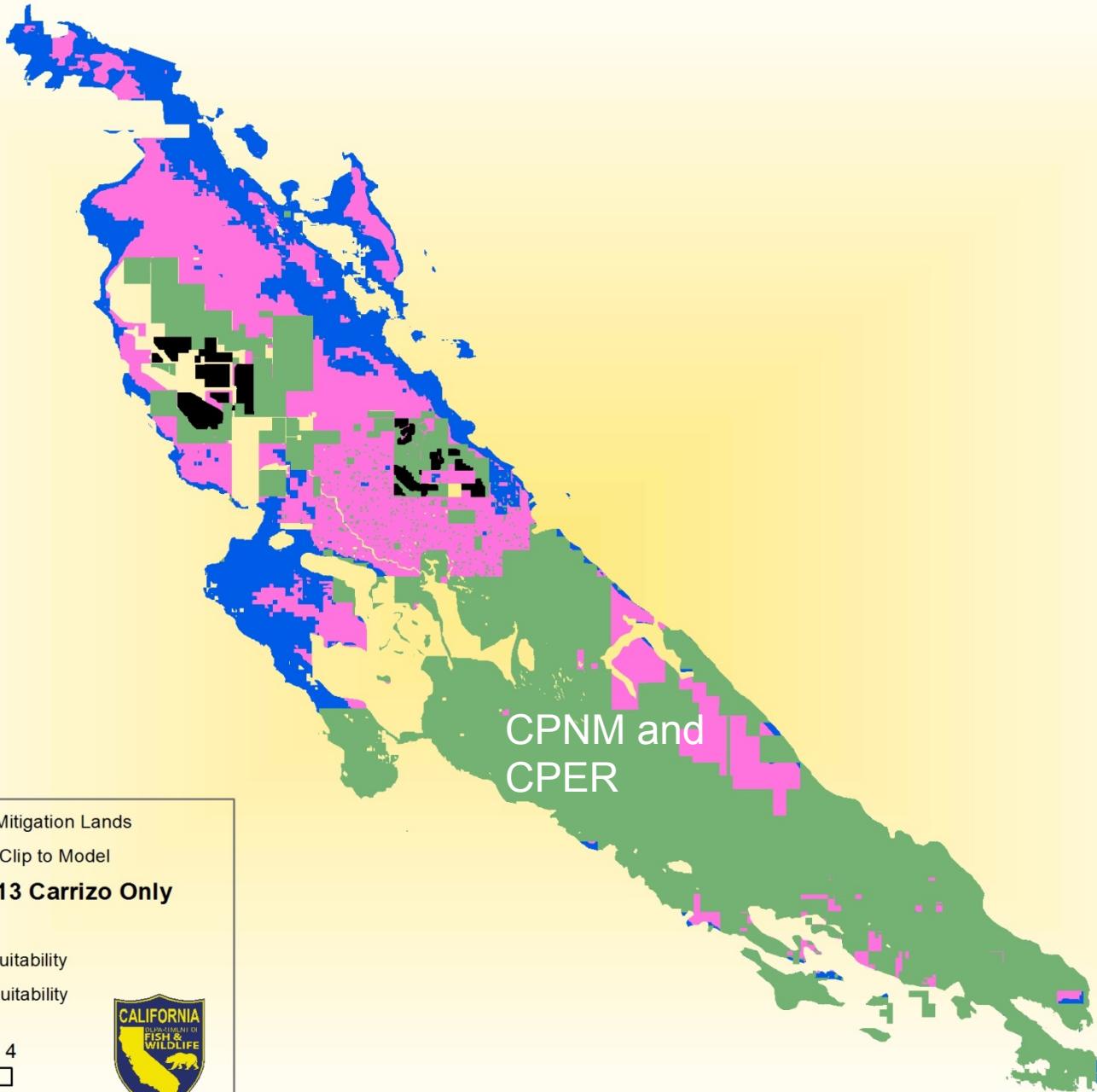
CPNM and CPER Clip to Model

**Cypher et al. 2013 Carrizo Only  
suitclass**

Low to moderate suitability

Moderate to high suitability





Carrizo Solar ITP Mitigation Lands

CPNM and CPER Clip to Model

**Cypher et al. 2013 Carrizo Only  
suitclass**

Low to moderate suitability

Moderate to high suitability



0 2 4

Miles

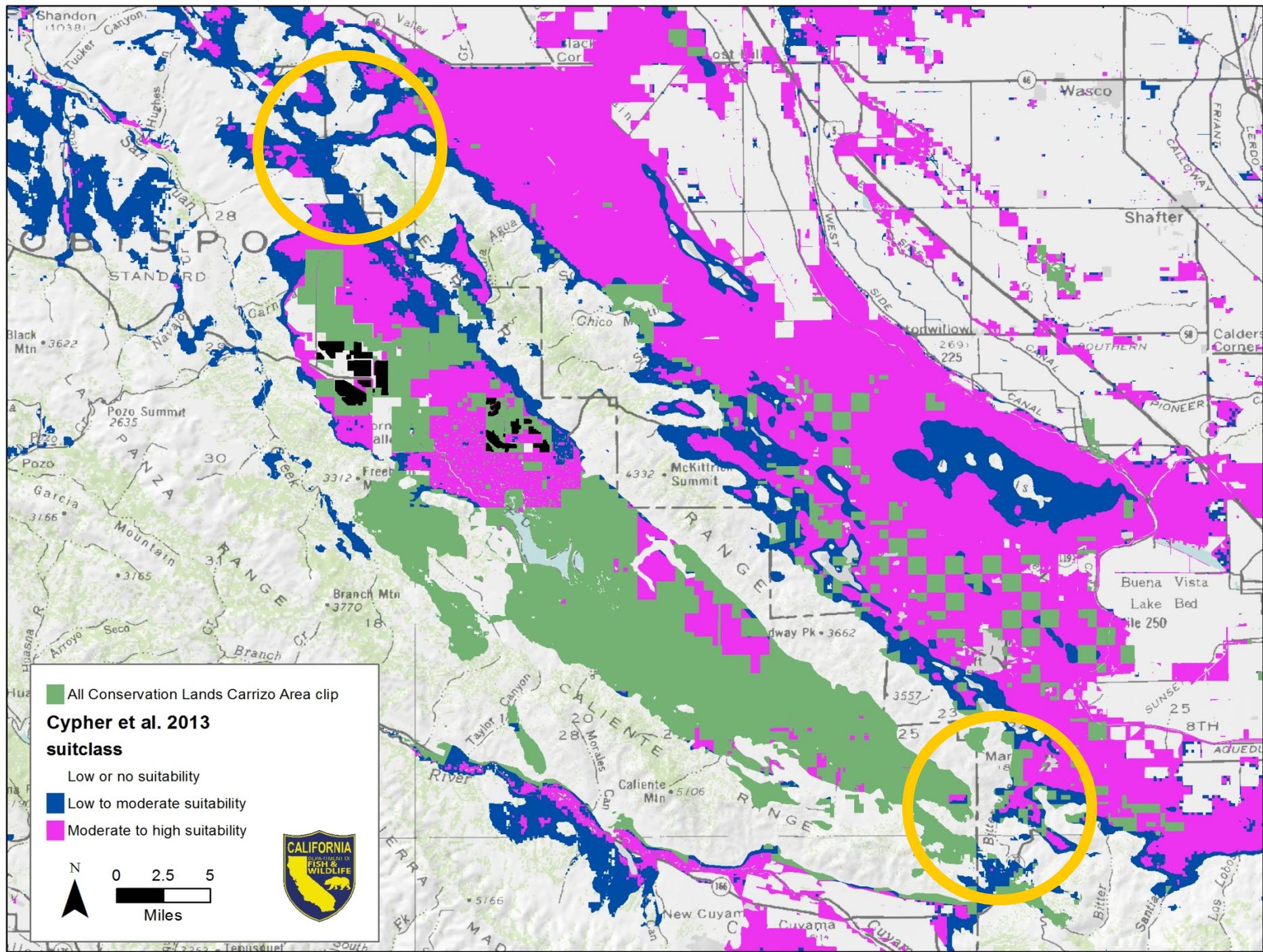


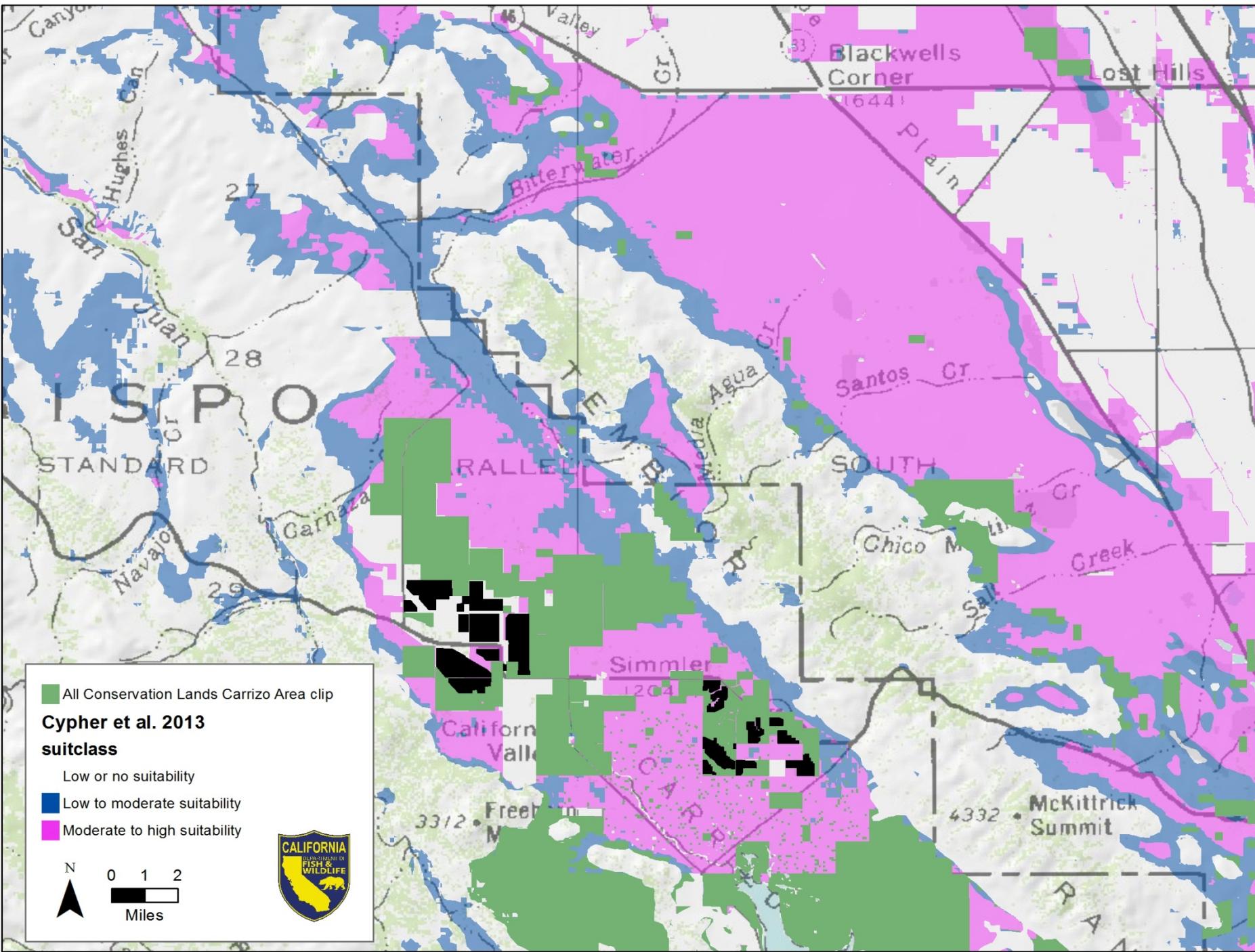
# Kit Fox Habitat per Conserved Area in Carrizo

<b>Conservation Land</b>	<b>Acres</b>
Topaz settlement lands	5,465
CVSR settlement lands	2,987
Solar Project Take Permits Mitigation	21,440
Carrissa Ranch in Low-High Habitat	
Suitability <sup>1</sup>	12,850
CPNM and CPER in Low-High Habitat	
Suitability <sup>1</sup>	107,991
<i>sum</i>	<b>150,733</b>

1. San Joaquin kit fox habitat in low-moderate and moderate-high suitability classes in Cypher *et al.* (2013).







■ All Conservation Lands Carrizo Area clip

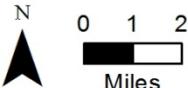
**Cypher et al. 2013**

**suitclass**

Low or no suitability

Low to moderate suitability

Moderate to high suitability



# Thank You

- Brian Cypher and Scott Phillips for use of habitat model
- SCW for least cost path model
- All who facilitated and sponsored the colloquium



# Literature Cited

Cypher,B.L., Phillips, S.E. and Kelly, P.A. 2013. Quantity and distribution of suitable habitat for endangered San Joaquin kit foxes: conservation implications. *Canid Biology & Conservation* 16 (7):25-31.

URL:

[http://www.canids.org/CBC/16/  
San\\_Joaquin\\_kit\\_fox\\_habitat\\_suitability.pdf](http://www.canids.org/CBC/16/San_Joaquin_kit_fox_habitat_suitability.pdf)

Penrod, K., W. Spencer, E. Rubin, and C. Paulman. April 2010. Habitat Connectivity Planning for Selected Focal Species in the Carrizo Plain. Prepared for County of San Luis Obispo by SC Wildlands, <http://www.scwildlands.org>

