

## Hazardia orcuttii- Orcutt's hazardia

Occurrence ID	IMA?	Fire IMA?	MU	Occurrence Name	Preserve	Land Owner	Land Manager	Max Pop Size	Year of Max Pop	Most Recent Pop Size	Year of Recent Pop Size	Threats	Source
HAOR3_6MAMI001	Yes	Yes	6	Manchester Mitigation Bank - Natural Occurrence	Manchester Mitigation Bank	Center for Natural Lands Management	Center for Natural Lands Management	715	2006	1,020	2016	No threats except for <10% occurrence supporting competitive native plants.	MOM; Rare Plant 2016 Data; CNLM 2013 GIS Data
HAOR3_6MAMI002	Yes	Yes	6	Manchester Mitigation Bank - Translocated Occurrence on Northeast Mesa	Manchester Mitigation Bank	Center for Natural Lands Management	Center for Natural Lands Management	429	2010	429	2010	Fire could wipe out transplanted population. Population is fenced but human activity still poses some threat. Nonnative grasses & forbs, trampling, genetic isolation.	MOM; CNLM Unpub Data; CNLM 2013 GIS Data
HAOR3_6RLCO003	Yes		6	Rancho La Costa Translocated Occurrence	Rancho La Costa Habitat Conservation Area	Center for Natural Lands Management	Center for Natural Lands Management	200	2004	157	2016	<10% of mapped extent has nonnative grasses and there are some nonnative forbs and woody plants are adjacent to the occurrence. Brachypodium distachyon recommended for removal.	MOM; Rare Plant 2016 Data; CNLM 2013 GIS Data
HAOR3_6KRHC004	Yes		6	Kelly Ranch Translocated Occurrence	Kelly Ranch Habitat Conservation Area	Kelly Land Co.	Center for Natural Lands Management	279	2012	246	2016	Nonnative grasses and forbs in <10% of mapped extent. Some competitive native plants.	MOM; Rare Plant 2016 Data; CNLM 2013 GIS Data
HAOR3_7SELA005	Yes		7	San Elijo Lagoon Translocated Occurrence	San Elijo Lagoon Ecological Reserve	County of San Diego	California Department of Fish and Wildlife	156	2004	48	2016	Nonnative forbs and grasses cover >75% of occurrence with low cover by nonnative woody plants and competitive native plants. Signs of erosion and illegal trails with hiking, biking, equestrian and dog walking use.	Rare Plant 2016; MOM; CNLM Unpub Data; D Varner pers. comm.