

## ***Chorizanthe orcuttiana* - Orcutt's spineflower**

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
CHOR_6GOCA001	Yes	No	6	Gonzales Canyon - CHOR	Del Mar Heights	City of San Diego	City of San Diego Park and Recreation Department			1,200	2015	Unauthorized trail use; population found in 2015	MOM; Rare Plants 2015; Rocks Bio Consulting, SDNHM 2015
CHOR_6SOHI002	Yes	No	6	Sorrento Hills - CHOR	Carmel Mountain West	City of San Diego	City of San Diego Park and Recreation Department			125	2015	Unauthorized trail use; population found in 2015	MOM; Rare Plants 2015; Rocks Bio Consulting, SDNHM 2015
CHOR_6OAPA003	Yes	No	6	Oakcrest Park	Oakcrest Park	City of Encinitas	City of Encinitas			0	2009	High level of human recreational activity in vicinity, competition with dense non-native plant species, run-off from adjacent landscaping.	MOM ;Bauder 2000; Bauder et al 2010a
CHOR_7GUTR004	Yes	No	7	Gully Trail	Torrey Pines State Natural Reserve	California Department of Parks and Recreation	California Department of Parks and Recreation			249	2009	Small occurrence vulnerable to environmental and demographic stochasticity and low genetic diversity	MOM; Bauder 2010b
CHOR_7CRCA005	Yes	No	7	Crest Canyon	Crest Canyon Preserve	City of San Diego	City of San Diego Park and Recreation Department			unknown	2016	unknown	Chaparral Lands Conservancy 2015, 2016