

## Deinandra conjugens - Otay Tarplant

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
<i>Very Large Occurrences (≥6000 plants)</i>													
DECO13_3BOME009	Yes	No	3	Bonita Meadows	Bonita Meadows	Caltrans	Caltrans			119,500	2003	Invasive non-native annual plants	MOM; Caltrans 2013; USFWS 2009
DECO13_3JOCA019	Yes	No	3	Johnson Canyon	Otay Valley Regional Park	County of San Diego	Otay Valley Regional Park JEPA			486,723	2001	Invasive non-native plants, potential highway development.	MOM; CNDDB 2013; USFWS 2009
DECO13_3WMCA023	Yes	No	3	West of Moody Canyon	Cal Terraces	City of San Diego	None			1,348,000	2003	Potential edge effects from adjacent development and invasive annual plants	MOM; USFWS 2009; AECOM 2012
DECO13_3TRIM008	Yes	Yes	3	Trimark/Gobbler's Knob/Horseshoe Bend	San Diego National Wildlife Refuge	U.S. Fish and Wildlife Service	U.S. Fish and Wildlife Service			50,000	2010	Invasive non-native annual plants, off-highway vehicles, maintenance utility easements, illegal dumping.	MOM; J Martin MSP 2013 Comment
DECO13_3PRVA014	Yes	Yes	3	Proctor Valley (Bella Lago)	San Diego National Wildlife Refuge	U.S. Fish and Wildlife Service	U.S. Fish and Wildlife Service			50,000	2003	Invasive non-native annual plants, off-highway vehicles., maintenance of access roads and utilities, edge effects from development.	MOM; CNDDB 2013; USFWS 2009
DECO13_3RHRA012	Yes	No	3	Rolling Hills Ranch	Rolling Hills Ranch	Private	City of Chula Vista			50,000	2003	Invasive non-native plants, maintenance of utilities.	MOM; CNDDB 2013; USFWS 2009
DECO13_3ORVA018	Yes	No	3	North Side of Otay River Valley near Wolf Canyon	Future Chula Vista Central City Preserve	City of Chula Vista	City of Chula Vista			50,000	2,003	Invasive annual plants, maintenance of roads and utilities.	MOM; CNDDB 2013; USFWS 2009
DECO13_3MMGR010	Yes	Yes	3	Mother Miguel Grassland	San Diego National Wildlife Refuge	U.S. Fish and Wildlife Service	U.S. Fish and Wildlife Service			50,000	2003	Invasive non-native annual plants, off-highway vehicles, maintenance utility easements, illegal dumping .	MOM; CNDDB 2013; USFWS 2009

## Deinandra conjugens - Otay Tarplant

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
DECO13_3PMA3004	Yes	No	3	PMA3	Future Chula Vista Central City Preserve	City of Chula Vista	City of Chula Vista			50,000	2003	Invasive annual plants and fennel.	MOM; RECON 2004; USFWS 2009
DECO13_3PMA4005	Yes	No	3	PMA4	City of Chula Vista Central City Preserve	City of Chula Vista	City of Chula Vista			40,000	2003	Invasive annual plants.	MOM; RECON 2004; USFWS 2009
DECO13_3PMA1002	Yes	No	3	PMA1 (Rice Canyon & Other Canyons)	City of Chula Vista Central City Preserve	City of Chula Vista	City of Chula Vista			25,000	2012	Invasive non-native annual plants, edge effects adjacent development, trails.	MOM; AECOM 2012; M Dodero Pers. Comm
<i>Large Occurrences ( ≥5000 plants)</i>													
DECO13_3DENC022	Yes	No	3	Denner Canyon South	Hidden Trails	City of San Diego	City of San Diego Park and Recreation Department			5,000	2003	Invasive non-native plants and maintenance of access roads and utilities.	MOM; USFWS 2009; CNDDDB 2013
DECO13_3RJER015	Yes	Yes	3	Rancho Jamul Ecological Reserve Subpop #1	Rancho Jamul Ecological Reserve	California Department of Fish and Wildlife	California Department of Fish and Wildlife	100,000	2003	5,000	2013	Invasive annual plants	MOM; USFWS 2009; J Vinge, Pers. Comm
DECO13_3RJER015	Yes	Yes	3	Rancho Jamul Ecological Reserve Subpop #2	Rancho Jamul Ecological Reserve	California Department of Fish and Wildlife	California Department of Fish and Wildlife			5,000	2013	Invasive annual grasses.	MOM; CBI 2014; CNDDDB 2013
<i>Medium Occurrences ( &lt;5000 plants)</i>													
DECO13_3DREA021	Yes	No	3	Denner Ranch East	Denner Ranch	City of San Diego	City of San Diego Park and Recreation Department			4000+	2015	Invasive annual plants.	MOM; Rare Plants 2015; City of San Diego

## Deinandra conjugens - Otay Tarplant

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
DECO13_3PMA2003	Yes	No	3	PMA2	City of Chula Vista Central City Preserve	City of Chula Vista	City of Chula Vista			2,500	2003	Invasive annual plants.	MOM; RECON 2004; USFWS 2009
DECO13_3SVPC007	Yes	Yes	3	Shinohara Vernal Pool Complex - SE Sweetwater Reservoir	San Diego National Wildlife Refuge	U.S. Fish and Wildlife Service	U.S. Fish and Wildlife Service			1,228	2011	Invasive, non-native plants.	MOM; USFWS 2009; USFWS 2011
DECO13_2PAVA001	Yes	No	3	Paradise Valley	Paradise Hills Community Park	City of San Diego	City of San Diego Park and Recreation Department			1,000	2003	Unknown	MOM; B Miller, MSP 2013 Comments
<i>Small Occurrences (&lt;1000 plants)</i>													
DECO13_3DERA020	Yes	No	3	Dennery Ranch	Cal Terraces HOA	Cal Terraces HOA	City of San Diego Park and Recreation Department	50	2010	0	2015	Moderate cover non-native grasses and forbs within weed management zone.	MOM; Rare Plants 2015; City of San Diego 2013
DECO13_3JAH1006	Yes	Yes	3	Jamacha Hills	San Diego National Wildlife Refuge	U.S. Fish and Wildlife Service	U.S. Fish and Wildlife Service			No data	2003	Species present in 2003 but no count data provided. Threats include invasive annual plants.	MOM; CNDDB 2013; USFWS 2009 AECOM 2012
DECO13_3ORVA017	Yes	No	3	Otay Valley East End	Otay Ranch Preserve	Otay Ranch POM	POM (County San Diego & City Chula Vista)	10,000	2003	1	2010	OHV use	MOM; CNDDB 2013; USFWS 2009
DECO13_3PRVA013	Yes	Yes	3	Proctor Valley	Otay Lakes Cornerstone Lands	City of San Diego Public Utilities Department	City of San Diego Public Utilities Department	45,737	2003	316	2015	High cover of invasive non-native plants.	MOM; Rare Plants 2015; City of San Diego

## ***Deinandra conjugens* - Otay Tarplant**

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
DECO13_3SCPA016	Yes	No	3	Salt Creek Parcel	Future Chula Vista Central City Preserve	City of Chula Vista	City of Chula Vista	1,000	1992	0	2009	Invasive annual and perennial plants, maintenance of roads and utilities	MOM; USFWS 2009; Dudek 2010
DECO13_3SVFB011	Yes	Yes	3	Spring Valley Fuel Break	San Diego National Wildlife Refuge	U.S. Fish and Wildlife Service	U.S. Fish and Wildlife Service			300	2010	Invasive annual plants, OHV use, maintenance utility easements, illegal dumping.	MOM; J Martin MSP 2013 Comment
DECO13_3SMHA024	Yes	Yes	3	San Miguel Habitat Management Area West - DECO13	Otay Municipal Water District	Otay Municipal Water District	Otay Municipal Water District			330	2015	Invasive annual grasses	MOM; Rare Plants 2015; ICF
DECO13_3SMHA025	Yes	Yes	3	San Miguel Habitat Management Area West - DECO13	Otay Municipal Water District	Otay Municipal Water District	Otay Municipal Water District			280	2015	Invasive annual grasses	MOM; Rare Plants 2015; ICF
<i>Unknown Occurrences</i>													
DECO13_3LOST027	Yes		3	Lonestar	Lonestar Preserve	CALTRANS	CALTRANS			No Data	2016	unknown	MOM Rare Plants 2016
DECO13_3OMEA026	Yes		3	Furby North	Otay Mesa East (Furby North)	County of San Diego DPR	County of San Diego DPR			No Data	2016	unknown	MOM Rare Plants 2016