

Dudleya variegata - Variegated dudleya

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
Large Occurrences ($\geq 1,000$ plants since 2000)													
DUVA_4MTRP015	Yes	Yes	2	Mission Trails	Mission Trails Regional Park	City of San Diego	City of San Diego Park and Recreation Department	2,628	2013	450	2015	Nonnative forbs and grasses <25% of maximum extent and include <i>Brachypodium distachyon</i> . Part of occurrence burned in 2003.	Rare Plant 2014, 2015
DUVA_4NAVA016	Yes		2	Navajo/Mission Gorge (Margerum Ave)	Rancho Mission Park	City of San Diego	City of San Diego Park and Recreation Department	3,209	2003	1,007	2015	Nonnative forbs in <10% of occurrence and nonnative grasses in 50-75%, including <i>Brachypodium distachyon</i> .	Rare Plant 2014, 2015
DUVA_3GOME003	Yes		3	Goat Mesa/Spring Canyon	East Otay Mesa	City of San Diego	City of San Diego Park and Recreation Department	3,024	2003	68	2015	Nonnative forbs and grasses in <10% of maximum extent with <i>Brachypodium distachyon</i> . Signs of historic grazing.	Rare Plant 2014, 2015
DUVA_3MAVA004	Yes	Yes	3	Marron Valley	Marron Valley Mitigation Bank	City of San Diego Public Utilities Department	City of San Diego Public Utilities Department	7,973	2005	2,801	2015	Nonnative forbs and grasses encompass 25-50% mapped extent. Signs of historic grazing. Altered fire regime leading to nonnative plants, occurrence burned in 1995 and 2005.	Rare Plant 2014, 2015; CALFIRE RAP Fire Perimeters
DUVA_3OTLA005	Yes	Yes	3	Otay Lakes	Otay Lakes Cornerstone Lands	City of San Diego Public Utilities Department	City of San Diego Public Utilities Department	45,377	2005	0	2015	Nonnative forbs and grass over <10% of extent with high cover of <i>Brachypodium distachyon</i> in sample plot. Altered fire regime leading to nonnative plants, occurrence burned in 2010, 1994 and 2003.	Rare Plant 2014, 2015; CALFIRE RAP Fire Perimeters
DUVA_3RJER033	Yes	Yes	3	Rancho Jamul Ecological Reserve	Rancho Jamul Ecological Reserve	California Department of Fish and Wildlife	California Department of Fish and Wildlife			50,000	2015	Nonnative forbs and grasses encompass 50-75% of maximum extent. Some trampling from monitoring as really dense population. Historic grazing. Altered fire regime leading to nonnative plants, occurrence burned in 2003 and 2007.	Rare Plant 2014, 2015, 2016; CALFIRE RAP Fire Perimeters

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DUVA_3RHRA007	Yes	Yes	3	Rolling Hills Ranch	Rolling Hills Ranch	City of Chula Vista	City of Chula Vista	20,000	?			Altered fire regime leading to nonnative plants, occurrence burned in 1911, 1985 and 2007.	MOM; CALFIRE RAP Fire Perimeters; CCH 2013
DUVA_3SYPA011	Yes	Yes	3	San Ysidro Parcel	Otay Ranch Preserve	City of Chula Vista	Otay POM			1000's	2010	Altered fire regime leading to nonnative plants, occurrence burned in 1994, 1996, 2003 and 2007.	MOM; CALFIRE RAP Fire Perimeters; RECON 2010; RECON 2013
DUVA_3PRVA026	Yes	Yes	3	Proctor Valley	San Diego National Wildlife Refuge	U.S. Fish and Wildlife Service	U.S. Fish and Wildlife Service			4,000	2015	Nonnative grasses in 25-50% of mapped extent with some competitive native plants. Other disturbance includes trash dumping, historic grazing, and ORV up to 4 years ago. Altered fire regime leading to nonnative plants, occurrence burned in 1911, 1950, 1985 and 2007.	Rare Plant 2014, 2015; CALFIRE RAP Fire Perimeters
DUVA_4MERO014	Yes		6	Mercy Road	Los Penasquitos Canyon Preserve	City of San Diego	City of San Diego Park and Recreation Department	1,000	2001	53	2015	<25% of nonnative forbs and grasses in mapped extent and signs of historic grazing throughout.	Rare Plant 2014, 2015
DUVA_6LUCR023	Yes		6	Lusardi Creek	Lusardi Creek Preserve	County San Diego	County of San Diego Department of Parks and Recreation	1,694	2001	106	2005	Unknown	MOM; County of San Diego 2007

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<i>Small Occurrences (<1,000 plants since 2000)</i>													
DUVA_2PAVA001	No		2	Paradise Valley	Paradise Gardens	City of San Diego	City of San Diego Park and Recreation Department			100	2008	unknown	MOM; City of San Diego 2008
DUVA_3SCPA008	Yes		3	Salt Creek Parcel #1	Otay Ranch Preserve	City of Chula Vista	City of Chula Vista			100	2009	Invasive nonnative plant species.	MOM; Dudek 2010; SANBIOS
DUVA_3SKFL009	Yes	Yes	3	Skeleton Flats	South Crest Properties	Endangered Habitats Conservancy	Endangered Habitats Conservancy	216	2015	134	2016	Nonnative grasses (including <i>Brachypodium distachyon</i>) in >75% mapped extent with nonnative forbs in 10-25%. Signs of dumping/trash, historic grazing and agriculture, altered hydrology, erosion. Unauthorized trail use by hikers, bikers, equestrians and dog walkers. <10% of mapped extent burned in 2003.	Rare Plant 2014, 2015, 2016; CALFIRE RAP Fire Perimeters
DUVA_3SWRE010	Yes	Yes	3	Sweetwater Reservoir Unit	San Diego National Wildlife Refuge	U.S. Fish and Wildlife Service	U.S. Fish and Wildlife Service			20	2003	Altered fire regime leading to nonnative plants, occurrence burned in 1911, 1950, 1970, 1985 and 2007.	MOM; CALFIRE RAP Fire Perimeters; USFWS 2003; CNDDB 2013
DUVA_3SYCA027	Yes	Yes	3	Sycamore Canyon #1	Sycamore Canyon	Bureau of Land Management	Bureau of Land Management			4	2016	Nonnative forbs and grasses cover >75% of mapped extent. Signs of historic grazing and dirt road adjacent to occurrence. Altered fire regime leading to nonnative plants, occurrence burned in 2003 and 2007 and adjacent to occurrence in 2006.	Rare Plant 2014, 2015, 2016; CALFIRE RAP Fire Perimeters

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DUVA_3SWRE029	Yes	Yes	3	Sweetwater Reservoir Unit DVI	San Diego National Wildlife Refuge	U.S. Fish and Wildlife Service	U.S. Fish and Wildlife Service			242	2005	Altered fire regime leading to nonnative plants, occurrence burned in 2007.	MOM; CALFIRE RAP Fire Perimeters; USFWS 2005
DUVA_3SWRE030	Yes	Yes	3	Sweetwater Reservoir Unit DV2/4	San Diego National Wildlife Refuge	U.S. Fish and Wildlife Service	U.S. Fish and Wildlife Service			3	2005	Altered fire regime leading to nonnative plants, occurrence burned in 1911, 1970, 1985 and 2007.	MOM; CALFIRE RAP Fire Perimeters; USFWS 2005
DUVA_3SCPA032	Yes		3	Salt Creek Parcel #2	Otay Ranch Preserve	City of Chula Vista	City of Chula Vista			500	2013		MOM; CALFIRE RAP Fire Perimeters; RECON GIS; CNDDB_2015
DUVA_3SMHA034	Yes	Yes	3	San Miguel Habitat Management Area	Mount Miguel Open Space	Otay MWD	Otay MWD			112	2015	Nonnative grasses in 10-25% of mapped extent. Altered fire regime leading to nonnative plants, occurrence burned in 1911 and 2007 and adjacent to occurrence in 1985.	Rare Plant 2014, 2015; CALFIRE RAP Fire Perimeters
DUVA_3SYCA035	Yes	Yes	3	Sycamore Canyon #2	Sycamore Canyon	Bureau of Land Management	Bureau of Land Management			500	2016	Nonnative grasses covers 50-75% of mapped extent and nonnative forbs 25-50%. Signs of historic grazing and dirt road through population has trampling where vehicles have pulled off or turned around. Altered fire regime leading to nonnative plants, occurrence burned in 2003, 2006 and 2007.	Rare Plant 2016; CALFIRE RAP Fire Perimeters

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DUVA_4EAE012	Yes	Yes	4	East Elliot	Mission Trails Regional Park	City of San Diego	City of San Diego Park and Recreation Department	520	2008	44	2015	Nonnative forbs and grasses encompass 25-55% of mapped extent, with patches of dense <i>Brachypodium distachyon</i> . Altered fire regime leading to nonnative plants, occurrence burned in 1981 and 2003.	Rare Plant 2014, 2015; CALFIRE RAP Fire Perimeters
DUVA_4LAMU013	No		4	Lake Murray	Lake Murray	City of San Diego	City of San Diego Park and Recreation Department			0	2012	No plants detected 2008-2012	MOM; City of San Diego 2008
DUVA_4SYCA019	Yes	Yes	4	Sycamore Canyon/Goodan Ranch	Sycamore Canyon and Goodan Ranch Preserves	County San Diego Department of Parks and Recreation	County of San Diego Department of Parks and Recreation			50	2007	Altered fire regime leading to nonnative plants, occurrence burned in 1938, 1985 and 2003.	MOM; CALFIRE RAP Fire Perimeters; County of San Diego 2007; McEachern et al. 2007
DUVA_6BMRA020	Yes		6	Black Mountain Park East #2	Black Mountain Open Space Park	City of San Diego	City of San Diego Park and Recreation Department	114	2001	0	2015	Nonnative grasses in 50-75% of mapped extent, nonnative forbs in <10%. Signs of historic grazing throughout occurrence.	Rare Plant 2014, 2015
DUVA_6SALU024	Yes	Yes	6	Santa Luz	Black Mountain Open Space Park	City of San Diego	City of San Diego Park and Recreation Department	70	2008	0	2015	Nonnative forbs and grasses within 25-50% of mapped extent and signs of historic grazing throughout. Altered fire regime leading to nonnative plants, occurrence burned in 1943, 1979, 1989 and 2014.	Rare Plant 2014, 2015; CALFIRE RAP Fire Perimeters

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DUVA_6SFVA025	Yes	Yes	6	Santa Fe Valley (4S Ranch North)	Santa Fe Valley	Rancho Hills Investments, LLC	Unknown			500	2007	Altered fire regime leading to nonnative plants, occurrence burned in 1943, 1981 and 2007.	MOM; CALFIRE RAP Fire Perimeters; County of San Diego 2007; McEachern et al. 2007
Unknown Size Occurrences													
DUVA_3OTMT006	Yes	Yes	3	Otay Mountain	Otay Mountain Ecological Reserve	California Department of Fish and Wildlife	California Department of Fish and Wildlife					Altered fire regime leading to nonnative plants, occurrence burned in 1996, 2003 and 2007.	MOM; CALFIRE RAP Fire Perimeters; CCH 2013
DUVA_4SOPO018	No		4	South Poway Cornerstone	South Poway Cornerstone	City of Poway	City of Poway					Unknown	MOM; CCH 2013
DUVA_6BMRA021	No		6	Black Mountain Ranch #1	Black Mountain Ranch LLC Western Clusters	Black Mountain Ranch LLC	Black Mountain Ranch LLC					Unknown	MOM; CCH 2013
DUVA_64SRA028	No		6	4S Ranch Specific Plan Habitat Management Area	4-S Ranch Specific Plan Habitat Management Area	4S Ranch HOA	4-S Ranch Masters Assn					Invasive annual and perennial plants.	MOM; SanBIOS; Dudek 2009
DUVA_3SWRE031	Yes	Yes	3	Sweetwater Reservoir Unit DV3	San Diego National Wildlife Refuge	U.S. Fish and Wildlife Service	U.S. Fish and Wildlife Service					Altered fire regime leading to nonnative plants, occurrence burned in 1911, 1970 and 2007.	MOM; CALFIRE RAP Fire Perimeters; USFWS 2005