

***Bloomeria clevelandii*- San Diego goldenstar**

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>Large Occurrences (≥10,000 plants since 2000)</i>													
BLCL_3MAVA005	Yes		3	Marron Valley	Marron Valley Mitigation Bank	City of San Diego Public Utilities Department	City of San Diego Public Utilities Department	290,000	2015	290,000	2015	Gophers, nonnative forbs, nonnative grasses, historic grazing, ORV or mountain bikes. Altered fire regime leading to nonnative plants, site burned in 1995 and 2005.	Rare Plant 2014, 2015; CALFIRE RAP Fire Perimeters
BLCL_3RHRA013	Yes		3	Rolling Hills Ranch	Rolling Hills Ranch	City of Chula Vista	City of Chula Vista	30,000	Unk				MOM; CALFIRE RAP Fire Perimeters
BLCL_4EAEL014	Yes		4	East Elliot	Mission Trails Regional Park	City of San Diego	City of San Diego Park and Recreation Department	12,755	2008	1,849	2015	Nonnative forbs, nonnative grasses. Altered fire regime leading to nonnative plants, site burned in 1981 and 2003.	Rare Plant 2014, 2015; CALFIRE RAP Fire Perimeters
BLCL_3OTLA006	Yes		3	Otay Lakes	Otay Lakes Cornerstones Lands	City of San Diego Public Utilities Department	City of San Diego Public Utilities Department	3,904,505	2005	75,000	2015	Altered fire regime leading to nonnative plants, site burned in 1994 and 2003. Nonnative forbs, nonnative grasses, and historic agriculture.	Rare Plant 2014, 2015; CALFIRE RAP Fire Perimeters
BLCL_3RJER007	Yes		3	Rancho Jamul Ecological Reserve	Rancho Jamul Ecological Reserve	California Department of Fish and Wildlife	California Department of Fish and Wildlife	100,000	2001			Altered fire regime leading to nonnative plants, site burned in 2003 and 2007. Nonnative grasses throughout 50-75% of maximum extent. Signs of historic grazing in <10% of mapped extent.	MOM; CALFIRE RAP Fire Perimeters; Rare Plant 2016; USGS 2002

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BLCL_3SWRE008	Yes		3	East of Sweetwater Reservoir	San Diego National Wildlife Refuge	U.S. Fish and Wildlife Service	U.S. Fish and Wildlife Service	>100,000	2016	1,000	2015	Gophers, nonnative forbs, nonnative grasses, competitive native plants, historic grazing and dirt maintenance road through part of occurrence. Altered fire regime leading to nonnative plants, site burned in 1911, 1959, 1970 and 2007. Signs of 2007 fire throughout site. Nonnative grasses over 75% of maximum extent in 2016 and <i>Brachypodium distachyon</i> is common.	Rare Plant 2014, 2015, 2016; CALFIRE RAP Fire Perimeters
BLCL_3STCA009	Yes		3	South of Steele Canyon	San Diego National Wildlife Refuge	U.S. Fish and Wildlife Service	U.S. Fish and Wildlife Service			>10,000	2016	Altered fire regime leading to nonnative plants, site burned in 1911, 1970, 1985 and 2007. Signs of 2007 wildfire in >75% of occurrence. In 2016, nonnative grasses >75% of mapped extent and nonnative forbs and competitive native plants in 50-75%. <i>Brachypodium distachyon</i> is common and has potential to become more dense. Dirt maintenance road in <10% of mapped extent.	Rare Plant 2014, 2015, 2016; CALFIRE RAP Fire Perimeters
Small Occurrences (<10,000 plants since 2000)													
BLCL_3CERE001	Yes	Yes	3	Crestridge Ecological Reserve	Crestridge Ecological Reserve	California Department of Fish and Wildlife	Conservation Biology Institute	2,000	2010	-	2014	Argentine ants, nonnative forbs, nonnative grasses, soil compaction, road construction. Altered fire regime leading to nonnative plants, site burned in 2003.	Rare Plant 2014, 2015; CALFIRE RAP Fire Perimeters
BLCL_3LCCP003	Yes	Yes	3	Little Cedar Canyon Parcel	Otay Ranch Preserve	Otay Ranch POM	Otay Ranch POM			2,500	2011	Altered fire regime leading to nonnative plants, site burned in 2003 and 2007.	MOM; CALFIRE RAP Fire Perimeters; RECON 2012

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BLCL_3SCPA004	Yes		3	Salt Creek Parcel	Otay Ranch Preserve	City of Chula Vista	Otay POM			1,000	2010	Unknown	MOM; RECON 2011
BLCL_3SMHA025	Yes	Yes	3	San Miguel Habitat Area	Mount Miguel Open Space	Otay MWD	Otay MWD			4,474	2016	Nonnative grasses, competitive native plants. Altered fire regime leading to nonnative plants, site burned in 2007.	Rare Plant 2014, 2015; CALFIRE RAP Fire Perimeters
BLCL_3SYPA010	Yes	Yes	3	San Ysidro Parcel	Otay Ranch Preserve	City of Chula Vista	Otay POM	3,175	2001	-	2009	Nonnative plants. Altered fire regime leading to nonnative plants, site burned in 1994, 1996, 2003 and 2007.	MOM; CALFIRE RAP Fire Perimeters; County of San Diego 2002; CCH 2013
BLCL_3OMER011	Yes	Yes	3	Otay Mountain Ecological Reserve	Otay Mountain Ecological Reserve	California Department of Fish and Wildlife	California Department of Fish and Wildlife			3,000+	2016	Nonnative forbs and grasses in 50-75% of mapped extent. Altered fire regime leading to nonnative plants, site burned in 1996, 2003 and 2007. Dirt road adjacent to occurrence.	Rare Plant 2016; MOM; CALFIRE RAP Fire Perimeters; County of San Diego 2002; McEachern et al. 2007

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BLCL_4LSCP015	Yes	Yes	4	Louis A. Stelzer County Park	Louis A. Stelzer County Park	County San Diego Department of Parks and Recreation	County of San Diego Department of Parks and Recreation	>1,000	2016	-	2008	Count is only for sampling area, entire extent count not yet available. In 2016, nonnative forbs and grasses cover >75% of mapped extent, with Brachypodium distachyon in dense patches. Signs of gopher activity, trampling, altered hydrology, erosion, soil compaction and trimming shrubs to keep trail open for use by hikers, equestrians, biking and dog walking. Altered fire regime leading to nonnative plants, site burned in 1981 and 2003.	MOM; CALFIRE RAP Fire Perimeters; County of San Diego 2009; SDNHM 2013
BLCL_4MTRP023	Yes	Yes	4	Mission Trails Regional Park	Mission Trails Regional Park	City of San Diego	City of San Diego Park and Recreation Department			-	2014	Nonnative forbs, nonnative grasses. Altered fire regime leading to nonnative plants, site burned in 1981 and 2003.	Rare Plant 2014, 2015; CALFIRE RAP Fire Perimeters
BLCL_4RAMO024	Yes	Yes	4	Rattlesnake Mountain	Rattlesnake Mountain	Center for Natural Lands Management	Center for Natural Lands Management			2,092	2015	Low levels of gophers, nonnative forbs, nonnative grasses, competitive native plants. Signs of 2010 fire throughout mapped extent.	Rare Plant 2014, 2015, 2016
BLCL_4SVHI016	Yes	Yes	4	San Vicente Highlands	San Vicente Highlands Open Space Preserve	California Department of Fish and Wildlife	California Department of Fish and Wildlife	800	2001	161	2016	Invasive grasses throughout occurrence in 2016, with nonnative forbs in <10% of mapped extent. Ehrharta calycina infestation with highest cover for plant species in sampling area. Altered fire regime leading to nonnative plants, site has burned in 1913, 1938, 1983, 1984 and 2003. Dirt road runs through <10% of mapped extent.	MOM; Rare Plant 2016; CALFIRE RAP Fire Perimeters; McEachern et al. 2007

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BLCL_6DMME019	Yes		6	Del Mar Mesa	San Diego National Wildlife Refuge	U.S. Fish and Wildlife Service	U.S. Fish and Wildlife Service	650	2016	650	2016	Nonnative grasses throughout >75% of mapped extent and nonnative forbs in 50-75% of occurrence. Low levels of trampling and soil compaction. Unauthorized trail through population used for hiking, biking and dog walking.	MOM; Rare Plant 2016; City of San Diego 2008
BLCL_6ECPR020	Yes		6	Escondido Creek Preserve	Escondido Creek Preserve	County San Diego Department of Parks and Recreation	County of San Diego Department of Parks and Recreation			16	2016	Nonnative forbs and grasses throughout >75% of mapped extent, with thick thatch layer. Signs of gopher activity and dumping/trash. Utility road adjacent to population.	MOM; Rare Plant 2016; Dudek 2011
BLCL_6LORI021	Yes	Yes	6	Lopez Ridge	Los Penasquitos Canyon Preserve	City of San Diego	City of San Diego Park and Recreation Department	1,470	2013	560	2015	Nonnative forbs, nonnative grasses. Altered fire regime leading to nonnative plants, site burned in 1981 and 2003.	Rare Plant 2014, 2015; CALFIRE RAP Fire Perimeters
BLCL_6RLCO022	Yes		6	Rancho La Costa Habitat Conservation Area	Rancho La Costa Habitat Conservation Area	Center for Natural Lands Management	Center for Natural Lands Management			98	2009	Nonnative grasses, trampling.	MOM; M. Spiegelberg pers. comm. 5-13-2014; CNLM 2013 GIS Data
Unknown Size Occurrences													
BLCL_3DUPA002	Yes	Yes	3	Dulzura Parcel	Otay Ranch Preserve	Otay Ranch POM	Otay Ranch POM					Invasive nonnative plants. Altered fire regime leading to nonnative plants, site burned in 2003 and 2007.	MOM; CALFIRE RAP Fire Perimeters; RECON 2011
BLCL_64SRA017	No		6	4-S Ranch Specific Plan Habitat Management Area	4-S Ranch Specific Plan Habitat Management Area	4-S Ranch Masters Assn	4-S Ranch Masters Assn					Unknown	MOM; County of San Diego 2002

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BLCL_3ONCA012	No		3	Oneal Canyon	Oneal Canyon Preserve	Private	Private			unknown	2005	Unknown	MOM; CCH