

1.18 Variegated Dudleya (*Dudleya variegata*) – Category SS

Management Units with Known Occurrences

Variegated dudleya is a corm-like perennial associated with clay soils near the coast in southwestern San Diego County and northwestern Baja California, Mexico (Reiser 2001). There are 34 known occurrences on Conserved Lands in MUs 2, 3, 4, and 6. Variegated dudleya occurs in openings in sage scrub and chaparral, isolated rocky substrates in open grasslands, and occasionally in clay soils in proximity to vernal pools (see Table of Occurrences and online map: <http://arcg.is/2iBE67T>).

Management Categorization Rationale

Variegated dudleya should be managed as a Species Management Focus Category SS Species because its persistence is at lower risk of loss compared to SL and SO species; however, this species still requires species specific management actions (see Vol. 1, Table 2-4). Threats to variegated dudleya include invasive nonnative plants, human use, ORV traffic, and urban development.

Management and Monitoring Approach

The overarching goal for variegated dudleya is to maintain or enhance occurrences with self-sustaining populations to increase resilience to environmental and demographic stochasticity, maintain genetic diversity, and improve chances of persistence over the long term (>100 years) in chaparral and coastal sage scrub vegetation communities.

For the 2017–2021 planning cycle, the management and monitoring approach for variegated dudleya is to inspect conserved occurrences every 2 years starting in 2018 to document abundance, record threats, and identify needed management actions. Implement routine management as determined during monitoring.

For details and the most up-to-date goals, objectives, and actions, go to the MSP Portal Variegated Dudleya summary page: https://portal.sdmmp.com/view_species.php?taxaid=502182

Variegated Dudleya References

Reiser, C. H. 2001. *Rare Plants of San Diego County*. San Diego, CA: Aquifer Press.