

Dudleya cymosa (Lem.) Britt. & Rose subsp. *ovatifolia* (Britt.) Moran, SANTA MONICA MOUNTAINS DUDLEYA. Perennial herb, leaf succulent, evergreen, taprooted with aboveground, branched or unbranched caudex, having 1–several rosettes, not caespitose, with inflorescences 3–15 cm tall; shoots having ascending to spreading basal leaves in rosettes 35–50(–100) mm across, having 3–10 current-year leaves, sometimes withered or absent at flowering, glabrous, not glaucous. **Stems:** shallowly subterranean or buried in litter; caudex ± urn-shaped, ca. 10 × 9.5 mm, brownish to grayish tan, with obscure leaf scars on sides. **Leaves:** helically alternate (at top of caudex), simple, sessile, without stipules; blade ovate to triangular-ovate or oblong, 18–25+ × 10–12+ mm, entire, acute to tail-like (caudate) at tip, venation obscure, upper surface green, lower surface reddish and on margins. **Inflorescence:** cyme, axillary of 1–several weathered basal leaves, terminal on long peduncle with bracts resembling cauline leaves, (1–)3–5-flowered, typically 2-forked or sometimes unbranched, glabrous; peduncle ascending, mostly cylindric, 70–105 mm long, 2–2.7(–3.5) mm diameter at base, bracts along peduncle leaflike, spreading, sessile, heart-shaped to narrowly triangular or lanceolate, 6–10 × 3–6 mm, cordate at base, acute to acuminate at tip, light green becoming reddish dotted or aging reddish; bractlet subtending pedicel lanceolate, 1.5–4.3 × 0.7–2.1 mm; pedicel 1.5–4 mm long. **Flower:** bisexual, radial, erect, 4–9 mm across; **calyx** 5-lobed, 3.6–4 mm long, fleshy, fused at base and basal portion fused to receptacle; tube cup-shaped, 0.6–1.2 × 4–4.3 mm, light green; lobes erect, acuminate-triangular, 2.2–2.4 × 2–2.2 mm, fleshy, light green sometimes becoming reddish at tip; **corolla** 5-lobed, bright yellow; tube cup-shaped, 0.9–1.1 mm long; lobes erect, oblong, in range 9–10 × 1.9–2.6 mm, stiff, with margins overlapping most of length but outward-arching tip 2 mm long, slightly keeled and ± greenish along keel, **stamens** 10 in 2 whorls, alternate with (outer whorl) and opposite (inner whorl) petals, fused to corolla tube, of outer whorl slightly arising higher; filaments tapered, of outer whorl 4.3–5.6 mm long and attached just below corolla sinus, of inner whorl 3.2–5 mm long attached 0.3–1 mm above sinuses, 0.3–0.5 mm wide at base, yellow; anthers basifixed and versatile, dithecal, ellipsoid to ovoid, 0.5–0.7 × 0.4 mm, yellow, longitudinally dehiscent; pollen light yellow; **nectaries** 5, opposite each ovary; **pistils** 5, attached at base on inner side, erect, 3.9–6 mm long; ovaries superior, 2.9–4 × 0.8–1.2 mm, light green, gradually tapered to style, each ovary 1-chambered with 15–18 ovules attached to outer side; style 1–2 mm long, yellowish; stigma terminal, minutely capitate, < 0.25 mm diameter, papillate. **Fruits:** follicles, 5, mostly many-seeded, erect, narrowly lanceoloid. **Seed:** not available for study. Mid-May–late June.

Native. Listed. Perennial herb very restricted to shaded, rocky outcrops and slopes.
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