

Lewisia rediviva Pursh var. *rediviva*, BITTERROOT. Perennial herb, fleshy, rosetted, taprooted with a cormlike caudex below the leaves, acaulous, cespitose with axillary inflorescences, to 11 cm tall; shoots with ca. 20 basal leaves, leaves withering at or soon after anthesis of the first flower, glabrous; taproot branched turnip-shaped, gradually branched toward the tip; cormlike caudex ca. 15 × 8 mm, surrounded by old scales extended ± 10 mm above top of caudex; roots fleshy or not. **Leaves:** appearing tightly whorled from top of caudex, petiolate, without stipules; petiole 22–28 mm long, triangular to slightly U-shaped in \times -section with whitish wings along edges; blade cylindric, linear and slightly club-shaped, 40–45 × 1.7–2.7 mm, green aging reddish, smooth or wrinkled (rugose) when water stressed. **Inflorescence:** flowers solitary, axillary from top of caudex, on long peduncle, bracteate, glabrous; peduncle 28–56 × 2.2–3.2 mm, purplish pink, in range terminated by 8–9 bracts; bracts appearing whorled in ringlike groove, awl-shaped, in range 6.5–8.5 × 1.3–1.8 mm, green around midrib becoming reddish and white (pink) on margins; pedicel distinct from peduncle as defined by ringlike groove, 16–31 × 1.7–2.5 mm, somewhat swollen at base, lighter color than peduncle. **Flower** bisexual, radial, 48–52 mm across; receptacle ca. 3 × 5 mm; **sepals** 5–6(–7), from hypanthiumlike base, roundish to widely ovate, 12.5–20(–22) × 10–20(–22) mm, outer sepals smaller than inner sepals, purplish pink on exposed surfaces, where not exposed whitish but greenish on central basal portion, concentrically wrinkled to corrugated at base and in central area, entire to slightly wavy or crenate on margins, obtuse at tip, thicker at base, persistent; **petals** in range 10–12, broadly spatulate, 26–29 × 13–15 mm, pinkish purple to pink, tapered at base, broadly round and ± jagged at tip, with fine veins radiating from base, persistent; **stamens** 40–50, fused at their bases into 2 or 3 whorl-like series; filaments unequal, 3–8(–11) mm long, sinusoidal, white grading to strong reddish purple at base; anthers dorsifixed, dithecal, (1.5–)2.5–3 mm long, light yellow to light yellow green, arrow-shaped at base, sometimes sacs irregular, longitudinally dehiscent; pollen amber yellow; **pistil** 1; ovary superior, obovoid in \times -section with 5–7 rounded angles, 3.7–4 × 2.4–2.7 mm, whitish, 1-chambered with ovules arising from base on branched funiculi; style 3 mm long, white, weakly corrugated; stigmas 5–7, cylindric and tentaclelike, 5–11 mm long, ivory, papillate except along a narrow strip. **Fruit:** capsule, dehiscent around circumference near base (circumscissile), to 25-seeded, obovoid, 5–6 mm long, tannish. **Seed:** plump lenticular, 1.8–2.2 mm long, with a small knob next to micropyle, ± shiny black, smooth; surrounded by papery, pale brown perianth. Early April–early May.

Native. Perennial herb known from several localities in the vicinity of Westlake Village (SMM), growing in exposed rocky substrate on open slopes with *Selaginella bigelovii* and other native herbaceous perennials of special interest, such as *Dodecatheon clevelandii* and *Micranthes californica*. Sites with this set of species occurs should be protected. In our range, petals are pinkish purple to pink, which represents only part of the variability for *Lewisia rediviva* present over its range in western North America.

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