

Scrophularia californica Cham. & Schltl., CALIFORNIA FIGWORT. Perennial herb, taprooted, mostly branching from base with spreading to ascending or suberect branches, 60–140 cm tall; shoots with only cauline leaves, glabrate or with minute, stalked glandular hairs. **Stems:** 4-angled, to 12 mm in diameter, with lateral veins descending from leaf as angles, green aging purplish red. **Leaves:** opposite decussate, unlobed to deeply dissected, petiolate often with pair \pm fused across node, without stipules; petiole 10–70 mm long, at base forming a V below node with other fused petiole; blade ovate to triangular-ovate, 35–190 \times 18–70 mm, truncate to cordate at base, 2-dentate or 2-serrate on margins, acute at tip, pinnately veined with principal veins raised on lower surface, glabrous or with short stalked glands primarily along veins. **Inflorescence:** panicle of dichasial cymes, terminal, open, with cymes axillary and paired at each node, cyme several-flowered, bracteate, with short-stalked glandular hairs; bracts at each node 2, leaflike, gradually decreasing upward to short-lanceolate and 2 mm long, sessile but not fused across node, entire; pedicel 4–20 mm long, light green, with stalked glandular hairs. **Flower:** bisexual, bilateral, 4.5–7 mm wide, 4.3–7.5 mm tall; protogynous; **sepals** 5, deltate-ovate, 2–2.6 \times 1.8–2.3 mm, green, membranous and colorless on margins, acute at tip; **corolla** 2-lipped, 5-lobed, dark reddish to reddish brown or maroon; tube-throat subspheroid, 2–3.4 \times 3.9–5.4 mm, constricted to 2.3–2.8 mm (at base) and to 3.4–5 mm (orifice), mostly dark reddish or maroon but light green at base, below middle lobe, and sometimes below lateral lobes; upper lip 2-lobed, 5–7 mm wide, lobes spreading, overlapping, roundish, 2.5–3.5 \times 3–3.5 mm; lower lip 3-lobed, 4.5–5.5 mm wide, middle lobe recurved and semi-circular, 2.3–2.5 \times 1–1.3 mm, lateral lobes erect to ascending and transversely oblong, 0.8–1.3 \times 3–3.3 mm, crenate or wavy on outer margin; **stamens** 4 fertile + 1 staminode, fused to base of corolla, \pm appressed to floor of throat; filaments 3–4 mm long, lower filaments ca. 0.5–1 mm < upper filaments, light green, with glandular hairs below midpoint, expanded at tip; anthers slightly exerted beyond upper lip but not lower lip, basifixed, monotheical, transversely elongate and \pm ellipsoid, ca. 1.5 \times 1 mm, light yellow, longitudinally dehiscent; pollen light yellow; staminode mostly fused to roof of corolla but free at tip, tip diamond-shaped to triangular, ca. 0.7 \times 0.6 mm, dark red to maroon, glandular-puberulent on lower side; **nectary disc** surrounding base of ovary, ringlike, fleshy, producing nectar; **pistil** 1; ovary superior, ovoid to conic, 2–2.5 \times 1.5–1.7 mm, green, glabrous, 2-chambered, each chamber ca. 50 ovules attached to center; style appressed to floor of corolla but curved upward approaching tip, 2–2.5 mm long, light green; stigma capitate, ca. 0.3 \times 0.4 mm, densely papillate. **Fruit:** capsule, septicidal, dehiscent by 4 valves, many-seeded, ovoid, 9–11 \times 5–6 mm, tannish brown or gray-glaucous, slightly ridged along septa, acuminate at tip, tannish brown or gray glaucous. **Seed:** ellipsoid to oblong, 0.6–0.9 \times 0.4–0.5 mm, dark brown, longitudinally ridged or faces \pm netlike (reticulate) with coarse longitudinal ridges and finer transverse ridges. Late February–early August.

Native. Perennial herb common throughout the range in shrubland and southern oak woodland, especially favoring shady and somewhat moist situations. *Scrophularia californica* has leaves that vary in composition from unlobed to lobed. Plants having lobed leaves formerly were treated as subsp. *floribunda* (Greene) R. J. Shaw, and this leaf form occurs in range on some of the most robust specimens. The dark reddish flowers of this species presumably are pollinated by a certain type of small wasp, and a nectar reward is provided.

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