

*Iva axillaris* Pursh, POVERTY WEED. Perennial herb, rhizomatous, fibrous-rooted, several-stemmed at base, decumbent with ascending to spreading branches mostly from lower and middle nodes, in range 15–45 cm tall; monoecious; shoots with only cauline leaves, strigose to villous and gland-dotted, pleasantly aromatic like *Ambrosia*; rhizomes vertical, with a branched crown > 5 cm below ground level. **Stems:** low-ridged, to 3 mm diameter, with 3 ridges descending from each leaf, tough, flexible, leafy stems greenish, ± villous and gland-dotted, basal stems straw-colored with fewer hairs and glands. **Leaves:** opposite decussate below, helically alternate above, simple, ± sessile with pairs ± connected across node, without stipules; petiole indistinct or to 1 mm long (basal leaves); blade obovate to elliptic or lanceolate, 10–40 × 3.5–16 mm, broadly tapered to tapered at base, entire to inconspicuously short-serrate on margins, acute to obtuse at tip, typically 3-veined from base, densely strigose and gland-dotted, the glands aging red. **Inflorescence:** heads, in axillary, racemelike arrays, array ca. 15 mm wide, head discoid, 4–5 mm across, in range with 5–8 dislike, pistillate peripheral flowers and 8–20 staminate central disc flowers, flowers nowshowy, nodding, bracteate, with nonglandular hairs and gland-dotted; main axis stemlike, with mostly nonglandular hairs; peduncle ± reflexed, in range 2–5 mm long, glabrous; **involucre** wide bell-shaped to hemispheric, 3.7–5 mm diameter and slightly wider in fruit, of 4–6 fused phyllaries or of those 1(2) free, phyllaries broadly obtuse, 2.5–3 mm long, lobed with sinuses ca. 1/4 of involucre length (occasionally 3/4 or more), veiny and gland-dotted on surface, membranous on margins, ciliate in sinuses, persistent; receptacle convex, with scalelike bractlets (paleae), palea spatulate to oblong-linear, 2–2.8 × 0.2–1.7 mm, scarious, the larger paleae subtending pistillate flowers, veiny, the smaller paleae 1-veined. **Peripheral flower:** pistillate, radial, 2–2.5 mm long; **calyx (pappus)** absent; **corolla** (4–)5-lobed, narrowly funnel-shaped, 0.7–1.2 mm long, white; tube > lobes; **stamens** absent; **pistil** 1; ovary inferior, compressed-obovoid, greenish brown, covered with glands and becoming resinous, 1-chambered with 1 ovule; style exerted 0.5–1 mm, 1.2–1.7 mm long, 2-branched, the branches unequal, linear, 0.9–1.2 mm long, thickened, minutely papillate and stigmatic on margins. **Central flower:** staminate, radial, ± 1.5 mm across, 2–2.7 mm long; **calyx (pappus)** absent; **corolla** 5-lobed, broadly funnel-shaped, whitish with 5 green veins; tube short; throat ± 1.5 mm long and also wide at orifice; lobes triangular and recurved; **stamens** 5, fused to corolla near base; filaments short, flat, whitish; anthers exerted ca. 0.5 mm, basifixed, dithecal, 1.5–1.8 mm long, yellowish to whitish, with terminal appendage curved over anther sacs, the appendages triangular, acute, or notched with a short point, longitudinally dehiscent; pollen pale yellow; **pistil** with rudimentary ovary; style ca. 1.5 mm long; stigma straight-hairy at tip. **Fruits:** cypselae, obovoid, in range to 2.5 mm long, plump or sometimes compressed front-to-back or angular on the inner faces, brown to nearly black, resinous, with minutely warty glandular faces; pappus absent. Early August–mid-October.

Native. Rhizomatous, summer-active perennial herb to date known only from dry, weedy flats near the new park headquarters at SMMNRA King Gillette Ranch. *Iva axillaris* is an aromatic plant that statewide is fairly common and that can occur in saline habitats.

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