

*Pseudognaphalium californicum* (DC.) Anderb., CALIFORNIA RABBIT-TOBACCO, CALIFORNIA EVERLASTING. Perennial herb, dormant during summer drought, taprooted, rosetted, 1–several-stemmed at base, erect, in range 40–130 cm tall; shoots with basal leaves and cauline leaves, foliage dark green on both sides, loosely woolly and densely glandular-hairy having yellowish heads aging red, pleasantly aromatic. **Stems:** low-ridged, to 10 mm diameter, with raised vein descending immediately below each leaf and lower cauline leaves also with unequal decurrent bases, internodes between cauline leaves 7–20 mm long,  $\pm$  woolly along veins, stalked glandular-hairy; hollow or with loose pith. **Leaves:** helically alternate, simple, sessile, without stipules; blade lanceolate to narrowly triangular-lanceolate or narrowly fish-shaped, 12–80  $\times$  3–24 mm, tapered and decurrent at base (cauline leaves), with 1 side longer than the other side, lobed and clasping at base (upper cauline leaves), entire and partially inrolled under (revolute) on margins, the revolute margins sometimes  $\pm$  wavy, acute at tip, pinnately veined with midrib sunken on upper surface and conspicuously raised on lower surface, densely glandular-hairy, resinous, upper surface somewhat woolly along midrib near base of blade. **Inflorescence:** heads, in terminal, paniclelike arrays, arrays ranging in shape from ellipsoid to domed or somewhat flat-topped, 40–250  $\times$  38–145 mm, typically of many heads and with branchlets ending in condensed clusters of 3–8 heads, head disciform, 4.5–6 mm across, of 102–154 pistillate peripheral flowers and 7–11 bisexual (staminate) central flowers, bracteate, thinly woolly and glandular-hairy like shoot; bract subtending lateral branch or branchlet leaflike, narrowly lanceolate, decreasing upward; bract subtending peduncle narrowly lanceolate, ca. 4 mm long; peduncle  $<$  5 mm long, woolly and glandular-hairy; **involucre** at anthesis urn-shaped, 5–6  $\times$  2–2.5 mm, becoming cup-shaped to bell-shaped and 10–12 mm diameter in fruit with spreading phyllaries, phyllaries many in 9–12 graded series, cupped-ovate to cupped-elliptic grading to the narrower innermost phyllaries linear-oblong to narrowly oblanceolate or narrowly elliptic, 3.2–5.5  $\times$  0.5–2.6 mm on each head, membranous silvery white with green, 1-veined, often with midstripe below midpoint, stiff and cupped at base, entire to minutely jagged approaching tip, outer phyllaries loosely woolly below midpoint, inner phyllaries glabrous and lacking sessile glands on green portion, larger phyllaries often splitting lengthwise; receptacle flat to slightly convex, without bractlets (paleae), dark green, shallowly pitted. **Peripheral flower:** pistillate, radial, 0.15 mm across,  $\pm$  4 mm long; **calyx (pappus)** of 15–18 capillary bristles in 1 whorl, 3–4 mm long, white, minutely barbed; **corolla** minutely 3–4-lobed, 3.7–4.2  $\times$  0.1–0.2 mm; tube cylindric, mostly pale green but yellowish at orifice and on lobes, the widest near base; lobes erect to suberect, acute,  $\pm$  0.2 mm long, yellow, with short glandular hairs; **stamens** absent; **pistil** 1; ovary inferior, sausage-shaped, 0.6–0.7 mm long, yellowish tan, glabrous, 1-chambered with 1 ovule; style ca. 4 mm long, 2-branched, the branches exserted, spreading to recurved, slender and tapered, ca. 0.5 mm long, greenish yellow, minutely stigmatic. **Central flower:** bisexual, radial, 0.4 mm across; **calyx (pappus)** of 15–18 capillary bristles in 1 whorl, 3–4 mm long, white, minutely barbed; **corolla** 5-lobed; tube cylindric,  $\pm$  3.2 mm long, greenish at base to yellowish at top; lobes erect to suberect, acute, ca. 0.4 mm long, yellow, with short glandular hairs; **stamens** 5, fused to corolla at midpoint of tube, slightly exserted (for staminate flowers included); filaments 1.2–1.5 mm long, whitish; anthers fused into cylinder surrounding style, basifixed, dithecal, ca. 1.6 mm long (including 0.3 mm tail at base of each sac) and a

membranous lanceolate-triangular appendage at tip; pollen yellow-orange, sticky; **pistil** 1; ovary inferior, sausage-shaped, 0.6–0.7 mm long, green, glabrous, 1-chambered with 1 ovule; style included, ca. 3 mm long, 2-branched, the branches 0.6 mm long, greenish yellow, stigmatic at tip. **Fruits:** cypselae, monomorphic, sausage-shaped, ca. 0.7 × 0.25 mm, brownish, slightly longitudinally wrinkled or ridged; pappus bristles ascending, free, 3–4 mm long, whitish. Late January–early July.

Native. Perennial herb commonly observed throughout the range in mostly undisturbed inland communities but especially observed in coastal sage scrub and open areas in chaparral along trails. *Pseudognaphalium californicum*, formerly treated in the genus *Gnaphalium*, grows during the winter rainy season and starts to bloom before spring; it is easily recognized by having dark green leaves on both surfaces, and the large arrays of silvery white heads tend to be broad and domed or somewhat flat-topped. Pistillate and bisexual flowers of this species are virtually indistinguishable from those of *P. ramosissimum*, but because California everlasting has larger heads, there are many more flowers, if one takes the time to count them.

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