

Pseudognaphalium ramosissimum (Nutt.) Anderb., PINK RABBIT-TOBACCO. Biennial herb, active during summer drought, taprooted, rosetted, 1–several-stemmed at base, erect, in range 28–75 cm tall; shoots with basal leaves and cauline leaves, foliage dark green, gray cobwebby-woolly and densely stalked-glandular, the glandular hairs with yellowish heads aging red, pleasantly aromatic. **Stems:** cylindric, with blade margins decurrent 1–9 mm along each internode, cobwebby-woolly with longitudinally oriented hairs concealing glandular hairs, internodes with cauline leaves 7–20 mm long; becoming woody on leafy axes. **Leaves:** helically alternate, simple, sessile, without stipules; blade linear to oblanceolate-linear or lanceolate-linear, 10–55 × 2–7 mm, expanded at base with margins decurrent on stem, entire and inrolled under (revolute), often with reddish margins (appearing narrower) but sometimes ± wavy on wider blades where margin only partially recurved, acute at tip, pinnately veined with midrib sunken on upper surface and conspicuously raised on lower surface, densely glandular-hairy and cobwebby-woolly but eventually losing cobwebby hairs. **Inflorescence:** heads, in terminal, paniclelike arrays, array 40–240 × 10–75 mm, typically of 30+ heads and branchlets ending in condensed clusters of 3–8 heads, head disciform, 2–2.5 mm across, of 36–46 pistillate peripheral flowers and 3–8 bisexual central flowers, bracteate, woolly and glandular-hairy like shoot; bract subtending lateral branch or branchlet leaflike, narrowly lanceolate, to 15 mm long decreasing upward; bract subtending peduncle narrowly lanceolate, 3–5.5 mm long; peduncle to 3.5 mm long, woolly and glandular-hairy, commonly with 1–3 bracts along axis; **involucre** at anthesis cylindric, 5–6 × 2–2.5 mm, aging urn-shaped, conspicuously pink aging whitish, phyllaries 26–32 in 7–8 series, phyllaries in outer series obovate grading to narrowly oblanceolate and then oblong or oblanceolate-oblong in the innermost series, 2.5–5.5 × 0.8–1.8 mm (sometimes the outermost phyllaries linear to narrowly lanceolate), pink-membranous (fading to white) with green at base, often with a green midstripe to midpoint, stiff and cupped at base, entire to minutely jagged approaching tip, outer phyllaries loosely woolly below midpoint, inner phyllaries glabrous with glistening, sessile glands on green portion; receptacle flat, without bractlets (paleae), dark brown, pitted. **Peripheral flower:** pistillate, radial, 0.15 mm across, 3.8–4.5 mm long; **calyx (pappus)** of 15–18 capillary bristles in 1 whorl, 3.2–4 mm long, white, minutely barbed; **corolla** minutely 3–4-lobed, 2.8–3.7 × 0.1–0.2 mm; tube cylindric, the widest near base, mostly pale green but yellowish at orifice and on lobes; lobes erect to suberect, acute, < 0.2 mm long, yellow, with 2–3 short glandular hairs per lobe; **stamens** absent; **pistil** 1; ovary inferior, short sausage-shaped, 0.4–0.5 mm long, yellowish tan, glabrous, 1-chambered with 1 ovule; style 3.7–4 mm long, 2-branched, the branches exerted, spreading to recurved, subequal, slender, ca. 0.3 mm long, greenish yellow, bluntly rounded and minutely stigmatic at tip. **Central flower:** bisexual, radial, 0.4–0.5 mm across, 3.5–4.3 mm long; **calyx (pappus)** of 15–18 capillary bristles in 1 whorl, 3.2–4 mm long, white, minutely barbed; **corolla** 5-lobed, 2.7–3.7 mm long; tube cylindric, 2.7–3.4 mm long, the widest at base tapered upward, greenish at base to yellowish at top; lobes acute, ca. 0.3 mm long, yellow; **stamens** 5, fused to corolla at midpoint of tube; filaments 1–1.2 mm long, whitish; anthers fused into cylinder surrounding style, basifixed, dorsifixed, ca. 1.6 mm long including 0.3 mm tail at base of each sac and a membranous lanceolate-triangular appendage at tip, longitudinally dehiscent; pollen yellow, sticky; **pistil** 1; ovary inferior, short sausage-shaped, 0.4–0.5 mm long, yellowish tan, glabrous, 1-chambered with 1

ovule; style included, 2.8–3 mm long, swollen at base (possible nectary), 2-branched, the branches subequal, ca. 0.5 mm long, greenish yellow, minutely stigmatic at tip. **Fruit:** cypselae, monomorphic, sausage-shaped, 0.7–0.8 × 0.3–0.4 mm, brownish to olive brown, slightly longitudinally wrinkled or ridged; pappus bristles ascending, free, 3.5–4 mm long, whitish. Mid-July–mid-September.

Native. Biennial herb growing in low, open vegetation along the coast in sandy soil but well behind dunes. *Pseudognaphalium ramosissimum* occurs along the coast of southern California but has rarely been seen in range. As with its cousin *P. californicum*, these are the species covered with glandular hairs and are pleasantly aromatic, and both blade surfaces are dark green. Pink rabbit-tobacco is so named because its phyllaries when young are pink, which makes this species distinctive within the genus.

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