

*Hemizonia congesta* DC. subsp. *luzulifolia* (DC.) Babcock & H. M. Hall, HAYFIELD TARWEED. Annual, taprooted, rosetted, ascending to erect, < 80 cm tall; shoots with mostly cauline leaves, villous with long, soft hairs, glandular-hairy mostly in canopy, the glands stalked and capitate (not tack-shaped), heads red. **Stems:** ± cylindric, to 2 mm diameter, tough, tannish, lower stem with nonglandular hairs, upper stem with nonglandular and stalked glandular hairs. **Leaves:** opposite decussate (lower plant) and mostly helically alternate, simple, sessile with pairs of lower leaves fused across node, without stipules; blade linear, 30–70 × 3–8 mm, entire, acute at tip, with 3 principal veins at base, densely hairy and with sessile, colorless glandular hairs, upper surface also with stalked glandular hairs. **Inflorescence:** heads solitary and terminal or in several-headed, open, paniclelike arrays, head radiate, 15–32 mm across, of 5–6(–11) ray flowers and ca. 10 disc flowers, bracteate, hairy with numerous red-headed glandular hairs; peduncle slender and wiry, 0–30 mm long, with leafy bracts along axis; **involucre** short-hemispheric = phyllaries 5–11 in 1 series, ± 6 mm long, resinous, sickle-shaped with membranous, flanged, pocketlike margin enclosing each ray flower, dehiscing with ray flower fruit; receptacle flat, with bractlets (paleae), paleae scalelike, forming between ray and disc flowers as an inner series of green bracts fused in a whorl at base, ± 4 mm long, somewhat folded, ciliate. **Ray flower:** pistillate, bilateral; **calyx (pappus)** absent; **corolla** 3-toothed, visible around rim of involucre, ca. 5 mm long, with rounded teeth; **stamens** absent; **pistil** 1; ovary inferior, obovate, colorless, glabrous, 1-chambered with 1 ovule; style short-exserted, 2-branched, the branches ascending, linear. **Disc flower:** **calyx (pappus)** absent; corolla 5-lobed, cylindric, to 3 mm long; **stamens** 5, fused to corolla, included; anthers fused into cylinder surrounding style, yellow to blackish; **pistil** 1; ovary inferior, obovate, colorless, glabrous, 1-chambered with 1 ovule; style included, 2-branched, the branches ascending, linear. **Fruits:** cypselae, ± asymmetrically obovoid compressed side-to-side and bowed outward, 3–3.5 mm long, black or mottled, glabrous; pappus absent.

Native. Annual rarely encountered in range, the last known locality was next to a creek in oak woodland. *Hemizonia congesta* subsp. *luzulifolia* is the probable name for this secretive plant, which was only obtained once early during the study, and for which the details of the plant were not clearly recorded. First draft of the description noted the corolla of ray flowers was lemon yellow, but descriptions suggest it should be white with purple on the lower surface, raising questions about its identity.

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