

Camissonia strigulosa (Fisch. & C. A. Meyer) P. H. Raven, CONTORTED EVENING PRIMROSE, STRIGOSE SUN CUP. Annual, taprooted, lacking rosette, often 1-stemmed at base, erect (decumbent), 5–30(–50) cm tall; shoots somewhat wispy with only cauline leaves, lower nodes sometimes having tufted immature leaves on unexpanded axillary shoots, short-hairy. **Stems:** cylindric, to 2 mm diameter, at base shoot hairs erect (short-hirsute) changing to ascending and arching on upper stem (\pm short-strigose) with some glandular hairs in inflorescence and on ovaries, light green becoming raspberry red soon aging brown, later peeling and revealing glabrous, paler stem. **Leaves:** opposite decussate (the lowest 1 or 2 nodes) and helically alternate (upper cauline leaves), simple, subsessile, without stipules; petiole indistinct from blade, to 1 mm long, light green becoming reddish or brownish; blade linear to narrowly elliptic, 4–15(–35) \times 1–3 mm, tapered at base, remotely toothed on margins, rounded at tip with reddish, lanceoloid point, pinnately veined with midrib only conspicuous, sunken and whitish on upper surface and slightly raised and glossy red on lower surface, short-strigose with upward-pointing hairs. **Inflorescence:** leafy spike, terminal, open and having an erect flower and above an arching-nodding inflorescence of buds, bracteate, short-hairy and glandular-hairy; bractlet subtending flower leaflike but subsessile. **Flower:** bisexual, radial, ca. 5 mm across, dish-shaped; hypanthium above ovary, funnel-shaped, 1.5–3 mm long, yellow at rim to reddish above midpoint, somewhat 4-sided, short-hairy, internally sparsely papillate-hairy, **nectary** at base of hypanthium surrounding style base; **sepals** 4, free (on large flower) or partially fused at tips as pairs when they split from pressure of expanding petals along suture lines, reflexed, individually lanceolate, 2–4 \times 0.8–1.3 mm, reddish on outer (lower) surface and yellowish on inner surface; **petals** 4, obovate, 2–5.6 mm long, bright yellow with 0(–2) reddish dots at base, aging reddish; **stamens** 8 in 2 series, free, arising from hypanthium rim, dimorphic; filaments erect, outer ones \pm 2.5 mm long (opposite sepals) and inner ones \pm 1.5 mm long (opposite petals), yellow; anthers versatile-dorsifixed, dithecal, yellow, longitudinally dehiscent (releasing pollen in bud); pollen yellow, held in a mass by minute threads (viscin threads); **pistil** 1; ovary inferior, inconspicuously 4-sided and straight to slightly curved, \pm 20 mm long, pinkish red to green, inconspicuously 4-sided, short-hairy, 4-chambered, each chamber packed with a single stack of ovules; style 2.5–4 mm long, yellow; stigma conspicuously capitate, positioned at level between anthers of the long and short stamens, yellow, papillate. **Fruit:** capsule, loculicidal, 4-valved, many-seeded, cylindric, 15–45 mm long, straight to wavy or 1-coiled, with somewhat bulging seeds. **Seed:** bottle-shaped to obovoid, 0.5–0.9 \times 0.25–0.3 mm, semiglossy brown, often with sunken faces, with minute sculpturing. Late February–late May.

Native. Slender annual collected only several times in range but most reliably found on China Flats (SH). *Camissonia strigulosa* needs to be studied better to determine variability. This plant is wispy, having short, slender leaves, and its flowers and seeds are the smallest of the local camissonia-type species.

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