

Salix lasiandra Benth. var. *lasiandra*, SHINING WILLOW, PACIFIC WILLOW, GOLDEN WILLOW, YELLOW WILLOW. Tree or shrub, winter-deciduous, with 1–several trunks or many branches arising from water, in range to 10 m tall; dioecious; shoots with inflorescences appearing with new leaves; buds ascending-appressed, swelling prior to flowering, caplike with scale margins completely fused on side facing stem, green to orange-brown, ovoid, 3–4 mm long, mostly rounded at tip, short-tomentose to glabrous; bark on trunk rough, coarsely furrowed, grayish brown. **Stems:** initially cylindrical, with 3 ridges descending part of an internode from each leaf, twigs becoming ± knobby from flaring leaf bases of previous year, green and short-hairy becoming glossy reddish to red-brown or yellowish green and glabrescent, leaf scars ± crescent-shaped having 3 conspicuous traces along upper edge of scar, stipule scars elliptic to D-shaped ± touching leaf scar. **Leaves:** helically alternate, simple, petiolate, with stipules; stipules 2, attached to stem, ± kidney-shaped to depressed-ovate, 1.7–10 × 2.5–5.5 mm, with glandular teeth on margins, upper surface dark green and glandular below midpoint, lower surface whitish, glaucous, and short-pubescent below midpoint; petiole shallowly channeled, 4–15 mm long, slightly expanded at base, pubescent and with balloonlike resin glands just below blade; blade lanceolate to narrowly elliptic, 60–195 × (10–)18–36 mm, broadly tapered to rounded at base, glandular short-serrate on margins with resin glands more prominent near base, acuminate to long-acuminate at tip, pinnately veined with conspicuous midrib and principal veins somewhat raised on lower surface, upper surface ± glossy dark green and glabrate, lower surface light green, at maturity sometimes sparsely hairy and glaucous. **Inflorescences:** unisexual catkins, terminal on leafy shoots emerging with leaves from winter buds, spikelike, with 130–180 alternate flowers, bracteate; peduncle 3.5–8 mm long increasing in fruit (pistillate). **Staminate inflorescence:** catkin (ament) spreading, cylindrical, when fully extended 30–60 mm long; rachis glabrous; bract (bractlet) subtending flower (“floral bract”) ascending, cupped-oblong to cupped-oblong, 2.5–3.7 × 0.7–1.1 mm, whitish at base to light green at tip, villous on margins, acute to obtuse at toothed tip, villous below midpoint. **Staminate flower:** perianth absent; **stamens** 3–5 (even on the same inflorescence), free, equal or unequal in each flower; filaments ascending to spreading, in range 2.5–3.4(–4) mm long, light green, villous at least to midpoint and above glabrous to tip; anthers basifixed, dithecal, in range 0.5–0.8 mm long, bright yellow, longitudinally dehiscent; pollen bright yellow; **nectaries** 1–4, at least 1 on upper (adaxial) side of stamens, others when present 1 ± on lower (abaxial) side and 2 variously positioned, compressed-ellipsoid, ± 0.4 long and slightly wider, dull yellow or orange-yellow; **pistil** absent. **Pistillate inflorescence:** pendent, ± cylindrical, with developing fruits 30–100 × ± 20 mm, pubescent on rachis; bract (bractlet) subtending flower (“floral bract”) oblanceolate, 2.7–3 × 0.5–0.7 mm, whitish at base to light green at tip, villous on margins, acute with 1–2 lateral teeth at tip, lower surface villous at base and sometimes at base on upper surface. **Pistillate flower:** perianth absent; **stamens** absent; **nectary** 1, on the upper (adaxial) side of pistil, transversely oblong, ± 0.3 × 0.2–0.3 × 0.4–0.7 mm, pale yellow; **pistil** 1, radiating to ascending, with stalk (stipe), stipe 1–1.5 mm long, glabrous; ovary superior, lanceoloid, 2.5–3.5 mm long, green, glabrous, 1-chambered with 10–13 attached to each placenta on outer sides; style ± 0.7 mm long; stigma 2-lobed, lobes ± 0.2 mm long, reddish. **Fruit:** capsule, dehiscent by 2 valves, to 26-seeded, moustache-shaped to V-shaped when open, ca. 8–9 mm long with valves spreading to recurved, glabrous,

with persistent narrow style 1 mm long below stigmas. **Seed:** with long, silky white hairs attached to 1 end (comose); seed body oblong, $0.7-1 \times 0.2-0.25$ mm, dark brown with longitudinal ridges; hairs fine, to 4.5 mm long, white, attached via ring. Mid-January-late March.

Native. Small tree willow unrecognized in range until 2007, but well-established and best viewed around a pond at Trippet Ranch, and also occurring in Malibu Creek State Park. *Salix lasiandra* var. *lasiandra* is also known as *S. lucida* subsp. *lasiandra*. The tip of the blade is acuminate, glands occur on the upper petiole and low-teeth on the blade, the lower blade surface is distinctly glaucous, and twigs are glossy (shining willow). As in *S. lasiolepis*, the bud scale forms a cap (the margins are totally fused). In shining willow, staminate plants have three to five stamens per flower, and pistillate flowers have a glabrous ovary and stipe.

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