

Triglochin maritima L., COMMON ARROW-GRASS. Perennial herb, aquatic, halophytic, rhizomatous, fibrous-rooted, scapose, 25–40 cm tall; shoots with ascending to erect \pm basal leaves, glabrous; rhizomes horizontal, ca. 2 mm diameter, with sheathing, fibrous, scarious scales slightly $>$ internodes. **Stems:** hidden by leaves, short, to 2.5 mm diameter at fibrous base. **Leaves:** helically alternate, simple with sheath; sheath 25–50 mm long, when flattened 5.5–7 mm wide at base, whitish, with conspicuous membranous margins to 1.5 mm wide and having several parallel veins; ligules membranous, 0.2–1 mm long, 2-lobed to shallowly notched or \pm truncate, the lobes rounded with the longer ones overlapping; blade semicircular to elliptic in \times -section with 1 flat side, 90–210 \times 1.7–3 mm, the widest at midblade, fleshy, entire, acute to obtuse at tip, parallel-veined, slightly glaucous. **Inflorescence:** raceme, terminal, $>$ leaves, 25–70-flowered, lacking bracts, glabrous; peduncle \pm cylindrical, 90–250 mm long, strongly to slightly twisted, with a ridge descending from the lowest pedicel; rachis 50–100 mm long, with ridges descending from pedicels; pedicel 0.5 mm long increasing 2–3 \times in fruit. **Flower:** bisexual, radial, 1.3–2 mm wide; receptacle 3-lobed, 0.3–0.5 \times 0.8–1 mm, green, with tepals and stamens attached between lobes and at lobe bases; **tepals** 3–6, if $>$ 3 in 2 series (whorls), roundish to ovate and cupped to shell-shaped, 1.3–2 \times 1.1–1.4 mm, green becoming purplish red, cupped and appressed to stamen, mostly membranous except along raised midrib, with base upcurved and \pm fused to filament; **stamens** 3–6, if $>$ 3 in 2 sets (whorls), opposite tepals, \pm free, essentially sessile, occasionally 1 or more sterile; anthers basifixed, dithecal, roundish to broadly ovate, 1–1.4 \times 1.1–1.3 mm, green and swollen to inner side of dehiscence line and on outer side, purplish red on margins, longitudinally dehiscent; pollen light yellow; **pistil** 1, of 6 units fused laterally and to central post, 3-sided columnar, 1.5–3.5 mm long, green, with 3 units set slightly inward, 6-chambered, each chamber with 1 ovule attached to base; styles absent; stigmas radiate-spiked, deep purplish red with translucent hairs to 0.5 mm long. **Fruit:** schizocarp, of 6 1-seeded mericarps (\pm a septicial capsule), mericarps 1/6 ellipsoid and 3-sided, 4.5–5 mm long, tan, with ribs on edges and having scarious faces, faces swollen to collapsed (if collapsed often without seed); persistent central column ascending, 4–5 mm long. **Seed:** sausage-shaped to 3-sided, to 3.5 mm long, filling chamber or not, free from wall, olive aging brown, with hilum and long, straight raphe on the same side. Early May–early August.

Native. Halophytic, aquatic perennial herb occurring as a large population in salt marsh at Point Mugu. *Triglochin maritima*, formerly treated under *T. concinna*, is present in many saline, brackish, and alkaline shallow water habitats throughout temperate North America, and might be expected anywhere along the California coastline, where seeds or mericarps can be transported by water fowl.

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