Key expanded to include N. marina, which was recently (2020) collected in Missoula County, MT.

Najas L. Water-nymph
Pls $\delta^{\lambda} q$ or $\delta^{\lambda}, ~ q$; fls tiny, axillary, the $\delta^{\lambda}$ enclosed in a membranous, hyaline, saccate bract surrounded by a firmer, entire to 4-lobed, perianthlike structure, filament inconspicuous; stigmas sessile, rather elongate; lvs subopp to whorled (gen 4), toothed (ours minutely so) to entire, dilated and semi-sheathing at base, gen clustered toward st tips and concealing fls, but mature frs plainly visible, when present, as brs elongate. (Gr naias, a water-nymph). See Les et al. (2015) for discussion of cryptic spp. in this genus. Remove pericarp layer to determine seed surface characters.


1a Lf margins coarsely serrate, 8-13 teeth per side; lvs with prickles on lower surface midrib; bls $0.5-3.9 \mathrm{~cm} \times 0.4-4.5 \mathrm{~mm}$, not tapered distally, apex acute, stiffening with age; seeds coarsely pitted, dull, ovoid, $1.2-2.5 \mathrm{~mm}$; sts to 4.5 dm , br distally; anther 4-celled; submersed pls of brackish or highly alkaline waters; uncommon sw, s, and e US intro known from Missoula Co, MT; spiny w. 1. N. marina L.
1b Lf margins minutely serrulate, 16-100 teeth per side; lvs without prickles on lower surface midrib
2a Lvs tapered mainly for distal $2-3 \mathrm{~mm}$ to a somewhat rounded or obtuse but ultimately finely pointed tip, $1-2 \mathrm{~cm} \times 0.5-1.5 \mathrm{~mm}$; seed surface coarsely pitted, dull, seeds $\pm$ fusiform, $1.2-2.5 \mathrm{~mm}$; sts rarely $>7 \mathrm{dm}$; anther 4-celled; submersed pls of freshwater; seldom coll in our area, n WA s, w Cas, to CA, e in Alta and RMS; widespread in c and e N Am; Guadalupe w.; ours subsp. guadalupensis

2 N. guadalupensis (Spreng.) Magnus
2b Lvs tapered at least from midlength to a long slender point, $1-3 \mathrm{~cm} \times 0.5-2 \mathrm{~mm}$; seed surface smooth, shining, seeds narrowly to broadly ovoid, (1.2-)2.5-3.7 mm; sts 3-15 dm; anther 1-celled; submersed pls of fresh to slightly brackish water; a cryptic sp. complex often treated as a single sp. (N. flexilis)
3a Seeds broadly ovoid, gen $0.9-1.1 \mathrm{~mm}$ wide; pls diploid; the common sp . in our area, VI and s BC to CA, e to Alta, n ID and w MT, also Daks, and e to Atl; n Europe; wavy w.

3 N. flexilis (Willd.) Rostk. \& W.L.E. Schmidt 3b Seeds narrowly ovoid, gen $<0.7 \mathrm{~mm}$ wide; allotetraploid sp. derived from hybridization of nos 2 and 3 and sharing similar ranges and habitats; s BC s, both sides Cas to s WA, e to ID; Can w.

4 N. canadensis Michx.

