

*Lepidium pinnatifidum* Ledeb., FEATHER LEAF PEPPERWEED, WAYSIDE PEPPERGRASS.

Annual, taprooted, rosetted, 1–several-stemmed at base, often branched throughout, ascending, 20–50 cm tall; shoots with basal leaves and cauline leaves, lower leaves absent at flowering, sparsely short-hairy, the hairs < 0.2 mm long. **Stems:** cylindric, to 3 mm diameter, sparsely hairy or aging glabrescent. **Leaves:** helically alternate, pinnately dissected (lower leaves) and unlobed with or without several teeth (cauline leaves), petiolate, without stipules; petiole ± flat, to 30 mm long, indistinct from blade; blade ± oblong (lower leaves) to narrowly oblanceolate (cauline leaves). **Flower:** bisexual, radial, ca. 1 mm across; **sepals** 4, elliptic, ± 1 mm long, mostly green but white marginally or purplish above midpoint, short-hairy; **petals** 4, clawed and narrowly spatulate, rudimentary to 1.2 mm long, white; **stamens** 2, included, ca. 1.2 mm long; filaments white; anthers basifixed, dithecal, 0.2–0.3 mm long, yellowish, longitudinally dehiscent; pollen light yellow; **pistil** 1; ovary superior, circular in outline and flattened, minutely notched at tip, compressed ⊥ to septum, 2-chambered, each chamber with 1 ovule; style absent or very short; stigma discoid, whitish to pale yellow, densely papillate, the papillae short, colorless or translucent-white. **Fruit:** siliqua (silicle), dehiscent by 2 valves, 2-seeded, ± circular with slightly inflated chambers, 3.5–4 × 3 mm, tannish, typically short-hairy along edges, sometimes sparsely short-hirsute on valve faces, slightly concave on 1 face and slightly convex on the other face, shallowly notched ± 0.5 mm deep at tip, not beaked; pedicel in fruit spreading, flattened but only somewhat wider than thick, thickly short-hirsute. **Seed:** compressed-ovoid with folded embryo evident.

Native. Annual that has not been collected recently so living materials were not available for the description, which is therefore incomplete.

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