

*Mentha canadensis* L., AMERICAN CORNMINT, JAPANESE PEPPERMINT. Perennial herb, rhizomatous, several-stemmed at base, ascending to erect, mostly 30–60 mm tall; shoots with only cauline leaves, villous to short-villous or tomentose, with sessile glandular hairs having colorless spheric heads, strongly aromatic when crushed. **Stems:** 4-sided, 4-angled, to 3 mm diameter, internodes to 95 mm long, densely hairy (tomentose). **Leaves:** opposite decussate, simple, petiolate with pair connected by low ledges across node, without stipules; petiole channeled, to 14 mm long, blade ovate, 12–55 × 7–27 mm, broadly tapered to rounded at base, serrate on margins except from base to 1/3, acute at tip, pinnately veined with midrib raised and lateral veins slightly raised on lower surface, both surfaces conspicuously minutely gland-dotted beneath villous hairs, glandular hairs with sunken, spheric heads in shallow pits. **Inflorescence:** racemelike panicle of condensed umbel-like cymes paired at nodes (verticils), each verticil at anthesis 8–10 mm across aging 2× with elongation of pedicels, cyme ca. 20-flowered, bracteate, glandular on all exposed surfaces as on shoot; rachis visible, distinctly 4-sided and 4-angled, nodes relatively widely spaced throughout; bract subtending cyme leaflike; bract subtending cyme branch and branchlet present; pedicel at anthesis ca. 1.5 mm long increasing in fruit. **Flower:** bisexual, bilateral; **calyx** 5-lobed, 2.5–3.3 mm long; tube bell-shaped, 10-veined, villous and with sessile glandular-hairy in furrows between veins; lobes ± equal, deltate, 0.5–0.6 mm long, green; **corolla** weakly 2-lipped, 4-lobed, 4.5–6.5 mm long, whitish; tube tapered funnel-shaped, upper lip unlobed, lower lip distinctly 3-lobed; **stamens** 4, fused to upper corolla tube alternate with lobes, subequal; filaments exerted 1–2 mm, whitish; anthers dorsifixed, dithecal, with sacs attached at tip to connective and free for part of length, longitudinally dehiscent; **nectary disc** surrounding base of ovary, ringlike; **pistil** 1; ovary superior, strongly 4-lobed, lobes ellipsoid, greenish, 2-chambered, each lobe with 1 ovule; style attached to ovary base at center of ovary lobes (gynobasic), exerted 1–2 mm from corolla orifice, whitish, 2-branched near tip, slightly unequal and spreading. **Fruits:** nutlets, 4, 3-sided ovoid, ± 0.7 mm long, light brown with grayish, oblique base; within persistent calyx.

Naturalized (formerly). Perennial herb collected several times in wet ground on the northern shoreline of Malibou Lake in an area that is no longer open to botanists. *Mentha canadensis* formerly was treated as *M. arvensis* L. var. *villosa* (Benth.) R. S. Stewart. Living materials of this species were not available for description, and it is possible that clones of the original collections were sterile, so that this species may not longer occur in range.

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