
New Plants from Colorado

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New plants from Colorado

GEORGE E. OSTERHOUT

Juncus exilis sp. nov. A tufted perennial 10–15 cm. high, stems very slender, almost filiform; the leaves filiform and involute, some of them as long as the stems, sheaths of the leaves with rather short scarious ligules; the very slender spathe 1–4 cm. long; the inflorescence 3–5 flowered, 8–10 mm. long, or some times a single flower; perianth segments acute, 3–4 mm. long, the inner or petals broadly scarious margined, with 2 brownish veins which unite at the apex, the sepals somewhat narrower with a mid-rib; the capsule 3-valved, the length of the perianth lobes.

This species has some likeness to *Juncus confusus* Coville, but is a much smaller plant.

Collected at Steamboat Springs in Routt County, Colorado, July 11, 1913. No. 4965.

Chenopodium deltaphyllum sp. nov. Stem 5–7 dm. high, glabrous and often reddish, branched from the base with spreading branches, the lower branches 3–4 dm. long; the whole plant sparingly leafy, with rather small delta-shaped leaves, glabrous above, slightly mealy beneath, 1–2 cm. long and about the same in width at the base, thickish and 3-nerved, obtuse, on petioles about 1 cm. long, the upper becoming lanceolate or oblanceolate; the interrupted glomerate spikes exceeding the leaves, slightly mealy; the sepals scarcely carinate, and only partially covering the seeds; the pericarp easily separating from the seeds, which are black and shining and over 1 mm. wide.

This species is somewhat related to *Chenopodium Fremontii* S. Wats., but it a stouter plant; it is less leafy and the leaves smaller and thicker; the glomerules of fruit are larger, and the seeds larger.

Collected in Estes Park, Larimer County, Colorado, along the road from the Park to Glacier Basin, Sept. 4, 1930. No. 7308.

Pentstemon pallescens sp. nov. Subalpine, stem 4–6 dm. high, rather slender, glabrous but slightly glandular at the top; stem leaves ovate-acuminate and clasping at the base, 5–7 cm. long, about 5 pairs to the inflorescence, root leaves spatulate and petioled, glabrous; inflorescence 10–15 cm. long, paniculate and crowded at the top, the peduncles short, slightly glandular; the calyx lobes narrowly ovate, acuminate, glandular pubescent, 8–10 mm. long; the corolla whitish, but appearing yellowish in the dried specimens, 20–25 mm. long, not strongly funnelform, the tube much shorter than the throat, the lower lip bearded within, the whole corolla slightly pubescent without, the anthers glabrous and black, dehiscent for their whole length; the sterile filament with a slight tuft of yellow hairs at the tip; the capsule ovate, almost 1 cm. long.

Collected on Rabbit Ears Pass, southwest of North Park, Colorado, Aug. 5, 1930. No. 7280.

Chrysopsis elata sp. nov. Stems one or more from a seemingly creeping rootstock, branched only near the top, slender, 6 dm. high, puberulent and with a few scattered hairs, leafy to the top, the upper leaves slightly smaller; stem leaves oblanceolate, narrowed to a sessile base or the lower ones short petioled, the upper part tapering to an apiculate point, a few ciliate hairs near the base, and a few hairs on the midrib beneath, somewhat granuliferous on both sides under a good glass; heads clustered at the top, on puberulent peduncles 3-4 cm. long and subtended by linear bracts; involucre linear, glandular puberulent; achenes 3 mm. long, narrowly obovate; pappus brownish.

Collected at Red Cliff, Eagle County, Colorado, Aug. 16, 1906. No. 3335.

Cryptantha exigua sp. nov. A small annual plant, much branched from the base, the stems about 5 cm. long, strigose with coarse stiff hairs; leafy, the leaves 5-7 mm. long, oblanceolate, about 1 mm. wide near the upper end, hispid; the calyx lobes not more than 2 mm. long, in fruit somewhat longer, covered with long straight hairs; the corolla white, slender, about 2 mm. long; the 4 nutlets narrowly ovate, 1 mm. long, light colored, all smooth, no open areola between the forks of the groove, and seemingly attached for their whole length.

This is a *Cryptantha* which I collected with specimens of *Mertensia micrantha* A. Nelson in July 1900 or July 1903, in Moraine Park, in the western part of Estes Park, Larimer County, Colorado, and overlooked until recently when I was re-examining my old collections.

I have numbered it 7339.

OENOTHERA LACINIATA GRANDIS Britton. I collected this plant quite a number of years ago, July 1895, along the railroad bank at Palmer Lake, El Paso County. It may not grow there now, but *Oenothera laciniata* is said to be quite common in Nebraska, and probably may be found in eastern Colorado.

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COLORADO