

3–5 mm. long, the innermost long-attenuate, unarmed: flowers rose-colored.

This species is nearest related to *C. Flodmanii*, differing in the more simple habit, the smaller, thicker, not pinnatifid leaves and shorter and weaker spines. From *C. altissimus* it differs in the denser tomentum, the simple habit, the narrower and fewer bracts and their narrower dorsal ridges.

COLORADO: Twin Lakes, 1896, *Fred. Clements*, 385 (type).

***Agoseris arachnoidea* sp. nov.**

Perennial with a tap-root, more or less floccose throughout. Leaves 1.5–2 dm. long, more or less runcinate-lobed, oblanceolate in outline, long-attenuate at the apex, densely floccose when young, more glabrate in age: scape 1.5–4 dm. high, densely woolly above, less so below: head 2–2.5 cm. high, 1.5–2 cm. broad: bracts in about 3 series, linear-lanceolate, long-attenuate, the inner one-third longer than the outer: flowers at least in age rose-purple: beak of the achenes fully as long as the body.

Perhaps nearest related to *A. aurantiaca* but differing in the larger heads, the dense pubescence and the lighter flowers. It grows in meadows at an altitude of 2000–2800 m.

COLORADO: Gray-Back Mining Camp, 1900, *Rydberg & Vreeland*, 5553 (type); La Veta, 1896, *Fred. Clements*, 167.

***Agoseris pubescens* sp. nov.**

Perennial with a tap-root and short branching caudex. Leaves narrowly oblanceolate, about 1 dm. long, .5–1 cm. wide, acuminate, slightly glaucous but even in age villous-pubescent: scape 1.5–2 dm. high, sparingly villous: involucre about 2 cm. high and 1.5 cm. wide, villous and somewhat viscid: bracts with a dark median line and sometimes tinged with purple, the outer ones ovate-lanceolate, about $\frac{2}{3}$ the length of the linear-lanceolate long-acuminate inner ones: flowers lemon-yellow, the outer striate or tinged with purple: beaks of the achenes short and striate throughout.

This species is nearest related to *A. glauca* and *A. scorzoneraefolia* but differs in being very pubescent. It grows in moist meadows at an altitude of 2000–2500 m.

WYOMING: Big Horn Mountains, Sheridan County, 1899, *F. Tweedy*, 2055 (type); Buffalo Fork, 1897, 578; Amethyst Creek, 1899, *Aven & Elias Nelson*, 5769 (in part).