

the Wahsatch near Parley's Park; 6,500–7,000 feet elevation; July–September. (703.)

*HIERACIUM ALBIFLORUM*, Hook. Stems 1–3° high, rather slender, smooth above, hispid near the base, like the petioles and midribs, with rather long deflexed hairs; leaves mostly radical or low on the stem, oblong-lanceolate, acute, entire or denticulate; heads rather small, on nearly smooth bracteolate pedicels, in a compound at length very open corymb; involucre nearly ecalyculate, the blackish scales sparsely hairy; flowers white, about 20; achenia very slightly narrowed toward the summit.—Rocky Mountains of British America to Oregon and California, and eastward to Colorado; Carson City, (Anderson.) Cottonwood Cañon in the Wahsatch, and Bear River Cañon, Uintas; 7–8,000 feet elevation; July, August. (704.)

*HIERACIUM TRISTE*, Willd. Stem slender, simple, 6–15' high, smooth below, hispid with blackish-fuscous hair above; leaves chiefly radical, hirsutulous or smooth, entire or remotely denticulate, tapering into slender petioles; heads few in a simple raceme or corymb; involucre hispid with blackish hairs; flowers 20–40; achenia oblong, not tapering to the summit.—Unalaska, and in the Rocky Mountains of Northern British America, to California and the Mountains of Colorado. Ridges of the Uintas, above Bear River Cañon, at 9–10,000 feet elevation; August. (705.)

*LYGODESMIA JUNCEA*, Don. From the Saskatchewan along the mountains to New Mexico and Texas, and eastward to Wisconsin. Gravelly slopes of Unionville Valley, Nevada; 5,000 feet elevation; June. Flowers light-pink; the ordinary form, with the leaves very slender, not over 2' long, and the involucre 6" long. (706.)

Var. *DIANTHOPSIS*. (*L. juncea*, Dur. *Bot. Utah.*, 169.) Involucre 9–11" long; ligules exerted quite as much, 3" wide; leaves rather stout, 2–4" long.—Islands of Great Salt Lake, and gravelly slopes near the city; May, June. Collected also by Stansbury, by Mrs. Carrington, and by Frémont in his second expedition. Heads very much resembling a single-flowered carnation, and the leaves also are not dissimilar. (707.)

*LYGODESMIA SPINOSA*, Nutt. Stems 8–14' high, several from a woody base, bearing many short divergent very rigid and spine-like branches; radical and lower leaves linear, 2–3' long, the former with tufts of matted wool in their axils, the wool afterward enveloping the base of the stem; upper leaves reduced to minute subulate bracts; heads usually solitary on the ends