

yellow: beak of the achene very much attenuate, longer than the body; pappus fragile and deciduous.

Mountains of Arizona and New Mexico; apparently referred by Dr. Gray to his *T. glaucum*, var. *laciniatum*, but the peculiarities of its involucre, achenes and pappus must undoubtedly exclude it from that species. It is more like *T. purpureum*, yet with floral characters of quite another order.

TROXIMON PLEBEIUM. Near *T. grandiflorum*, but the lanceolate leaves with a slender acumination and fewer teeth or lobes: heads very large and many-flowered, but ligules very short, suberect, deep yellow: achenes very small (in proportion to the size of the head, and of the whole plant), tapering abruptly to the long filiform stipe of the pappus.

Abundant in open grassy places along all the western side of the Mt. Diablo and Coast Ranges in middle California, where it is known locally as "*T. grandiflorum*," and whence it was distributed by the writer six or seven years ago to many correspondents, under that name. It is a very distinct species, easily recognizable as such, by its altogether inconspicuous flowers. The expanded head is less than an inch broad, the short ligules scarcely or not at all spreading, and almost concealed by the large bracts of the involucre. I long ago communicated to Asa Gray an account of these, and I perceive that the character "ligules short" ascribed to *T. grandiflorum* in the Synoptical Flora, was taken on my authority, both of us thus confusing two quite different plants. In true *grandiflorum*, common in the interior of California, and thence northward to the British boundary, the ligules are so long that the expanded heads measure two inches across, and even more. The achenes in this are exactly fusiform, and twice as large as in the homely *T. plebeium*.

DOWNINGIA TRICOLOR. Branches few, a span long, weak, tortuous and reclining: flowers few, upper lip of corolla very small, of two segments which are erect or slightly curved backwards but parallel; lower lip parted to below the middle

*Slightly divergent in specimens from
Santa Rosa*