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GRANT—A MONOGRAPH OF THE GENUS MIMULUS 257

few, linear or spatulate, 3–5 mm. long, 1–2 mm. broad, entire or obscurely denticulate; flowers minute, numerous, appearing from near the base; pedicels elongated, filiform, spreading, 3 to 4 times as long as the leaf; calyx campanulate, glabrous, 2 mm. long, very weakly angled, scarcely sulcate, much distended by the capsule in fruit and completely filled by it, teeth equal, ovate, acute, about one-third as long as the calyx; corolla funnelform, 3 mm. long, pink to rose-red, little exserted, lobes equal, short, erect, rounded, emarginate; stamens exserted, the upper pair almost as long as the corolla, glabrous; style and stigma exserted, glabrous, often slightly longer than the corolla, stigma deep pink, infundibuliform, lobes unequal, oblong; capsule ovate, acute, longer than the calyx, placentae separating at apex; seeds oval, apiculate at both ends, faintly reticulate.

Distribution: mountains of southern California and Lower California.

Specimens examined:

California: Bear Valley, San Bernardino Mts., 6000 ft. alt., June, 1886, *Parish 1852* (Stanford).

Mexico:

Lower California: Hansen's Ranch, northern Lower California, 6000 ft. alt., 9 July, 1884, *Orcutt 1198* (G, TYPE, M, and Calif.); mountains, northern Lower California, 5 July, 1884, *Orcutt* (Calif.).

64. *M. discolor* Grant¹

Dwarf glandular-pubescent plants, the simple or branched stems 3–12 cm. long, very slender; leaves in few pairs, sessile, linear or spatulate, .3–1.5 cm. long, 1–2 mm. wide, obtuse, entire; pedicels filiform, mostly longer than the leaves, often deflexed when mature; calyx campanulate, 4–9 mm. long, tinged with red

¹ *Mimulus discolor* Grant, sp. nov., herbae annuae nanae; caule 3–12 cm. longo, glanduloso-pubescente; foliis linearibus spatulatisve, obtusis, sessilibus, integerimis; pediculis tenuibus; calyce infirme angulato, dentibus late triangulari-acutis; corolla 1.2–2 cm. longa, plerumque flava, plus minusve rubro tincta maculosave, aliquando rubro-purpurea, tubo tenui, exserto; staminibus inclusis, antheris hispidis; stylo exserto, stigmae laciniis inaequalibus.—Collected on gravelly slopes of Pah Ute Peak, southeastern California, 7000–8000 ft. alt., April–September, 1897, *C. A. Purpus 5311* (U. S. Nat. Herb., and Mo. Bot. Gard. Herb. no. 106746, TYPE).

or maculate, weakly angled, teeth equal or subequal, broadly deltoid, acute, 1 mm. long, margins hispid; corolla 1.2-2 cm. long, mostly yellow, more or less tinged or dotted and lined with red or occasionally deep reddish-purple, tube slender, exerted, throat ampliate, funnellform, orifice densely bearded with short club-shaped hairs, two bands of them continuing down the throat on the lower side, upper lobes rounded, usually entire, lower lobes longer, somewhat spreading, entire or emarginate; stamens included, anthers sparingly hispid, filaments pubescent; style glabrous, exerted, stigma-lips unequal, broadly rounded; capsule included, oblong, placentae tardily separating at the apex; seeds oval.

Distribution: open places in the Upper Transition and Canadian zones of the central Sierra Nevada Mts., California.

Specimens examined:

California: trail to Belle Meadow, Tuolumne Co., 12 July, 1915, *Jepson 6489b* (Calif.); Wawona, Mariposa Co., 4300 ft. alt., 1 July, 1911, *Jepson 4310* (Cornell); Home Camp Creek, Huntington Lake, Fresno Co., 18 July, 1918, *A. L. Grant 1421a* (Cornell); trail to Nellie Lake, Fresno Co., 8000 ft. alt., 11 July, 1917, *A. L. Grant 1080* (M and Calif.); Huntington Lake, 5 July, 1917, *A. L. Grant 1024* (Cornell, M, Calif., Stanford, and Pomona); in sandy spots, Pittman Creek above Huntington Lake, 8000 ft. alt., 27 July, 1918, *A. L. Grant 1480* (Cornell, M, and Calif.); Sequoia National Park, July, 1908, *Davidson 1975* (Davidson); General Grant National Park, 10 June, 1921, *Ottley 1455* (Cornell and M); Markwood Meadows, Pine Ridge, Fresno Co., 5900 ft. alt., 15-25 June, 1900, *Hall & Chandler 339* (M and Calif.); near Brown Meadows, Tulare Co., 7000 ft. alt., 18 June, 1904, *Hall & Chandler 5155b, 5155c* (Calif.); plateau country about Mt. Silliman, 7000 ft. alt., 3-4 July, 1900, *Jepson 717* (Calif.); gravelly slopes, Pah Ute Peak, 7000-8000 ft. alt., April-Sept., *Purpus 5311* (M, TYPE, and U. S.); Greenhorn Range, Kern Co., 6000 ft. alt., 2-10 June, 1904, *Hall & Babcock 5050* (Calif.); Kernville, 13 May, 1891, *T. S. Brandegees* (Calif.).

65. *M. montioides* Gray in Proc. Am. Acad. 7: 380. 1867,