

Var. *paniculata* Jepson comb. n. Cyme paniculate (the main axis with a terminal and several lateral peduncled cymes).—Mt. Hamilton Range.

Var. *setchellii* Jepson comb. n. Stem branched from above the middle, the branches racemose, elongated.—Foothills, Santa Clara Valley.

Var. *cymosa* Jepson comb. n. Plants 10 to 14 inches high; leaves oblong-lanceolate, 4 to 4½ inches long.—Napa Valley (St. Helena, *Jepson* 13,420).

Var. *nevadensis* Jepson comb. n. Plants small (3 to 4½ inches high), with small cymes; leaves often very broad.—Montane, 2250 to 4500 feet: Sierra Nevada, at lower altitudes and in the foothills.

Locs.—Newcastle, *Mackie*; Folsom, *Alice King*; Gwin Mine, Calaveras Co., *Jepson* 1810; Italian Bar, Tuolumne Co., *Jepson* 6380; Cold Spr., Tuolumne Co., *Jepson* 6463; Hetch-Hetchy, *Jepson* 4621; Yosemite, *Drew*; Mariposa, *Congdon*; Middle Fork Kings River, *Henrietta Eliot*.

Var. *minor* Jepson comb. n. Plants small, 2 to 5 inches high; leaves short and broad, disposed to be rhomboidal, abruptly acute or slenderly acuminate, ½ to 1½ inches long; cyme small, the flowers relatively few, mostly discrete; flowers brilliant red or brownish-yellow.—Mountain ridges and cañons, 1000 to 8500 feet: San Gabriel Mts.; San Bernardino Mts.

Locs.—Eaton Cañon, *Peirson* 452; Mt. Gleason, *Peirson* 453; Ontario Ridge, *Peirson* 262; San Bernardino foothills, *Parish*.

Refs.—ECHEVERIA LAXA Lindl. Jour. Hort. Soc. Lond. 4:292 (1849), type loc. woods near Monterey, *Hartweg*. *Cotyledon laxa* B. & W. Bot. Cal. 1:212 (1876), *Jepson*, Fl. W. Mid. Cal. 267 (1901), ed. 2, 197 (1911), *Man.* 453 (1925). *Dudleya laxa* Britt. & Rose, Bull. N. Y. Bot. Gard. 3:18 (1903). *Cotyledon plattiana* Jepson, Fl. W. Mid. Cal. 267 (1901), type loc. Vaca Mts., *E. H. Platt*; ed. 2, 197 (1911). *Dudleya plattiana* Britt. & Rose, Bull. N. Y. Bot. Gard. 22:40 (1903). *E. plattiana* Nels. & Mcbr. Bot. Gaz. 56:477 (1913). *Dudleya sheldonii* Rose, l.c. 3:20, type loc. n. base Mt. Tamalpais, *Eastwood*. *E. purpusii* Schumann, Gartenfl. 45:608 (1896), type from Cal., *Purpus*. *Dudleya purpusii* Britt. & Rose, Bull. N. Y. Bot. Gard. 3:20 (1903), mts. of middle Cal., *Purpus*. *D. goldmanii* Rose, Bull. N. Y. Bot. Gard. 3:19 (1903), type loc. Pine Valley, head of Carmel River, Monterey Co., *E. A. Goldman* 763. *D. humilis* Rose, l.c. 3:27, type loc. Mt. Diablo summit, *Eastwood* (a dwarf form). Var. PANICULATA Jepson. *Cotyledon laxa* var. *paniculata* Jepson, *Man.* 453 (1925). *Cotyledon caespitosa* var. *paniculata* Jepson, Fl. W. Mid. Cal. 267 (1901), type loc. Morrison Cañon, Mt. Hamilton Range, *Jepson* 13,419. *Dudleya paniculata* Britt. & Rose, Bull. N. Y. Bot. Gard. 3:27 (1903). *E. jepsonii* Nels. & Mcbr. Bot. Gaz. 56: 477 (1913). Var. SETCHELLII Jepson. *Cotyledon laxa* var. *setchellii* Jepson, Fl. W. Mid. Cal. 267 (1901), type loc. Tulare Hill near Coyote sta., Santa Clara Valley, *Jepson* 13,418; *Man.* 453 (1925). *C. setchellii* Jepson, l.c. ed. 2, 197 (1911). *Dudleya setchellii* Britt. & Rose, Bull. N. Y. Bot. Gard. 3:15 (1903). *E. setchellii* Nels. & Mcbr. Bot. Gaz. 56: 477 (1913). Var. CYMOSA Jepson. *Cotyledon laxa* var. *cymosa* Jepson, *Man.* 453 (1925). *C. cymosa* Baker; Saund. Ref. Bot. 1:t. 68 (1869), type from Cal. Var. NEVADENSIS Jepson. *Cotyledon laxa* var. *nevadensis* Jepson, *Man.* 453 (1925). *Cotyledon nevadensis* Wats.; B. & W. Bot. Cal. 1:212 (1876), type loc. Sonora, *Bigelow*. *Dudleya nevadensis* Britt. & Rose, Bull. N. Y. Bot. Gard. 3:20 (1903). *E. nevadensis* Nels. & Mcbr. Bot. Gaz. 56:477 (1913). *Dudleya gigantea* Rose, Bull. N. Y. Bot. Gard. 3:23 (1903), type loc. New York Falls, Amador Co., *Hansen*. Var. MINOR Jepson. *Dudleya minor* Rose, l.c. 3:19, type loc. San Gabriel Cañon, San Gabriel Mts., *Hasse*. *D. bernardina* Britt. Bull. N. Y. Bot. Gard. 3:19 (1903), type loc. San Bernardino Mts., *S. B. & W. F. Parish* 100. *D. ovatifolia* Britt. l.c. 3:20, type loc. Santa Monica Mts., *Hall* 3255. *D. pumila* Rose, Bull. N. Y. Bot. Gard. 3:14 (1903), type loc. San Bernardino Mts., *Hall* 1350.