

River, Bigelow, 1853-4; Healdsburg, Bryant, July 1887; Napa Co., Brandegee Aug. 1888; Folsom, Brandegee, July 1883; Adobe Flats, Mrs. Austin, July 1884, 118; Mt. Tamalpais, Jepson, Sept. 9, 1892, and Brandegee, July 1891; Yosemite, Torrey, 1872; Yreka, Greene, 1876, 947; Monterey, Nuttall; Auburn, Vasey, Oct. 1880; Peru Creek, Rothrock, 1875, 235; Truckee, Jones, 1881, 392a; Nevada Co., Jones, 1881, 2715), Nevada (Carson City, Anderson, 1864, 26, 54, 118; Yolo, Brandegee, Sept. 20, 1892; Palisades, Brandegee, 1886; Modoc Co., Mrs. Austin, Aug. 1885; Verano, Heaton, 1888; Sta. Cruz Mts., Price, 1890; Ukiah, Mrs. McCowen, June 1892), and Lower California (Orcutt, July 30, 1883).

The typical, usually green form, with ample serrate leaves, large bracts and dense inflorescence, passes into a grayer form with longer spikes and smaller bracts, and this in turn grades into var. . of Torrey and Gray's Flora, which is the *Oenothera salicina* of Nuttall, and is very canescent, with narrower leaves and bracts, smaller flowers and slenderer capsules. Variety *imbricata* Greene, is a virgate form, in wet ground becoming six or seven feet high, with the floriferous branches as much as two feet and a half long (Jepson, *Erythea*, i. 241 and 244). I do not see how to separate these forms as even varieties, although as here defined, *densiflora* is far more variable than the other species of the genus. Specimens from California (Yreka, Greene, 1876, 853; Sta. Lucia Mts., Vasey, July 1880), and Washington (Falcon Valley, Suksdorf, Aug. 3, 1882, 56, July 30, 1885, 343, 557 and 558), are variously intermediate between this species and *stricta*, in bract, flower, capsule and seed characters, as well as in habit, and are indicative of hybridity or a possible intermediate species which I cannot define.

A portion of Hall 188 is *Oenothera lepida*, var. *parviflora*, as noted by Mr. Watson on several sheets; but this may be distinguished by its larger acuminate buds, more strigose pubescence above, larger capsules and entire leaves