

the Hooker fragment referred to above?) should all bear the name *micranthum*.

BOISDUVALIA, Spach, Hist. Nat. des Vég. 1835, iv. 383, and Atlas, pl. 85, f. 2; Monogr. Onagracearum, 1835, 398, pl. 31, f. 2; Benth. and Hook., Gen. Plant. i. 790, — as section of *Oenothera*.

Like *Gayophytum*, this is a small group, confined to the mountains of Western North and South America, what has been said of the distribution of the former genus applying equally to this, except that our species are more closely confined to the Pacific coast. In general habit it approaches closest to *Oenothera*, with which Bentham and Hooker unite it, but in aspect it differs from most species of *Oenothera* proper, from which it also differs (so far as our species are concerned) in its short, nearly basifixed anthers in two sets, erect calyx lobes, and pollen grains adnate in tetrads. It is also closely related structurally to *Epilobium*, from which it differs in aspect, and in its seeds destitute of a coma. In my study, I have thought best to follow most American botanists in treating it as a distinct genus. The principal revisions of our species appear in Torrey & Gray, Fl. N. A., i. 505 (under *Oenothera*); Watson, Bot. Calif. i. 233; Behr, Flora of the vicinity of San Francisco; and Greene, Flora Franciscana, 224. — For other references see Watson, Bibl. Index, 362, and Jackson, Index Kewensis, i. 318.

SYNOPSIS.

- * Capsule membranaceous, loculicidal, a considerable portion of the septa remaining attached to the valves on dehiscence.
Leaves ovate lanceolate, toothed, the upper not reduced: seeds minute, fusiform..... *B. glabella*.
Leaves narrowly lanceolate, nearly entire, the upper small: seeds broad and flattened..... *B. stricta*.
- ** Capsule membranaceous, septifragal, the septa wholly adherent to the placenta, rendering the latter strongly 4 winged: leaves lanceolate, toothed, the upper broader..... *B. densiflora*.
- *** Capsule coriaceous, 4 sided, very tardily (loculicidal?) dehiscent: leaves narrowly lanceolate, toothed, the upper not enlarged.
..... *B. clavogama*.