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Higher Order Channel Density (m/ha)	20 (10-30)	70 (60-85)	10 <mark>5</mark> (100-110)
Ratio of Drainage Divide Area to Drained Area	17 (7-26)	2 (1-3)	1 (0.9-1.2)
Higher Order Sinuosity	1.25 (1-3)	1.5 (1.3-1.8)	1.8 (1.7-2.0)
Mean Pond Size (ha)	0-2	0.2 (0.05-0.3)	0.015 (0.013-0.02)
Pond Density (percentage total system area)	0-15%	5% (3-8%)	2% (1-4%)





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#### Backshore margin: Complex vernal pool–alkali soil–tidal marsh Ecotones

May 6, 1895:

"Plants collected beside the RR track between Newark and the Drawbridges, Alameda Co. This is a level (marshy) country bordering the marshes (with a good deal of alkaline soil about apparently). This stretch of about 8 miles is the richest in flowers of the whole 52 miles from Alameda mole to San Jose and shows how gorgeous the whole plain bordering the marshes probably was before the introduction of foreign weeds and the grazing of cattle and horses . . . [t]he general impression in color is a mass of yellow owing to the abundance of *Lasthenia* and *Blepharipappus* though in places this gives way to masses of green and white of *Trifolium fucatum*. In places the yellow is dotted with the white heads of *Trifolium wormskioldii lehm*. in pools of large size . . .

EcoAtlas Historical Database Record 312E-K

Transcribed by Elise Brewster, SFEI, from journals of J. B. Davy at U.C. Berkeley Jepson Herbarium Archives.

Photo: Russell ca 1930























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