

Notes on Carex. IX.

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1. *Carex pansa*. One of the *Multifloræ*: extensively creeping by a woody horizontal rootstock 2 to 4 inches deep: culm scabrous above, stiff and erect or nearly so, about a foot high, exceeding the narrow long-pointed stiff and tufted leaves: spikes 6 to 10, ovoid, less than half inch long, dark brown or nearly black when mature, aggregated into an oblong or ovoid loose head an inch or less long: scales thin, very broadly ovate, dark brown with a broad white-hyaline margin, sharply acute or acuminate: perigynium ovate, flat and nerveless on the inner face, rounded and obscurely few-nerved or nerveless on the outer face, contracted into a short but distinct and slender nearly entire beak, becoming nearly black, completely hidden by the scale.—“Very abundant in drifting sand as well as borders of sea estuaries, Clatsop, Oregon, and Ilwaco, Washington Territory,” *L. F. Henderson*.—This should be no. 237a in my Synopsis; intermediate between the *Multifloræ* and *Fœtida*.

2. *C. ablata*.—*C. frigida* of American botanists, not Allioni.—There has always been a doubt as to the proper disposition of the American plant which has been called *C. frigida* All. Mr. Olney first referred it to *C. sempervirens* Vill., which it very much resembles, but from which it is distinguished, among other things, by the notched orifice of the perigynium. The accumulation of considerable material from our western territory, and a fine suite of European specimens obtained through the courtesy of Dr. Christ, of Basel, have enabled me to determine the fact, which I have always suspected, that the American plant is not the same as the European. *C. ablata*, as I designate the American species, is distinguished from *C. frigida* chiefly as follows: Culm stiffer and more erect: leaves broader and firmer, usually shining, commonly shorter: staminate spike smaller, nearly sessile: pistillate spikes shorter and thinner, lighter colored, shorter stalked, the upper 2 or 3 usually aggregated and sessile or very nearly so: scales obtuse, usually shorter: perigynium not so long and slender-beaked.

3. *C. grisea* Wahl., emend.—This species presents three well marked forms: the type, a robust leafy plant with large