

Recd.
Oct. 20/11

UNITED STATES DEPARTMENT OF AGRICULTURE,
BUREAU OF PLANT INDUSTRY.

TAXONOMIC AND RANGE INVESTIGATIONS.

Washington, D. C., October 19, 1911.

Mr. Walter Deane,
29 Brewster St.,
Cambridge, Mass.

Dear Sir:--

Your package was received a few days ago. I am returning, under frank, your mounted specimens with identification slips. You found one comparatively rare one, *Panicum subvillosum*, at Shelburne. It has larger spikelets, with longer first glume, smaller panicles, with ascending lower branches, ascending pubescence, shorter ligule, and more spreading habit than has *P. huachucae*. Your Concord *Panicum*, Ball's Hill, Sept. 23, 1911, is *P. columbianum* Scribn. (The *Festuca* specimens I have examined and compared with our United States and European material. They fall within the *duriuscula* circle better than anywhere else, The whole *ovina* group is a complex, intergrading inextricably. Your plants agree with some determined by Hackel as *F. ovina duriuscula*, except that the leaves of yours are more conspicuously clustered at the base. The European *F. ovina* v. *glaucula* (Lam.) Hack. is like yours in habit, but in our specimens of it the panicles as well as foliage are glaucous. This, like *duriuscula*, has glabrous lemmas. The var. *glaucula* is not known to grow in America,) but I

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will ask Prof. Hitchcock to compare your specimens with that and give you his opinion.

In the package I am returning you will find an additional species of Panicum, the rare *P. calliphyllum*. When Mr. Herriot learned how rare is the species he sent for naming, he kindly sent a few additional specimens. Will you kindly give one to the Gray Herbarium, and accept apologies for giving it the better specimen?

Very truly yours,

Agnes Chase

Assistant in Systematic Agrostology.



Chase, Agnes. 1911. "Chase, Agnes (née Merrill) Oct. 19, 1911." *Walter Deane correspondence*

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