

But the same thing has been observed also at much higher altitudes in the southern states, and it surprises the botanist to find on the summits of Table Rock and Roan Mountain in North Carolina the *Zygadenos leimanthoides*, *Xerophyllum asphodeloides* and *Leiophyllum buxifolium* which he had collected on the sandy flats of New Jersey.

NOTES ON MAINE PLANTS.

ELMER D. MERRILL.

THE following notes on Maine plants may be of interest to students of the flora of that state. Several of the plants enumerated below have never before been listed from the state, and others reestablish localities for species which have been previously reported, but for which the locality has been lost.

The few species listed from Mt. Ktaadn are added more especially because of the interest of the locality. During a trip there in September, 1898, about fifty of the typical alpine and subalpine forms of that region were collected, which have previously been reported by Scribner, Bot. Gaz. **14**: 46, Briggs, Bull. Torr. Bot. Club, **19**: 334, and other collectors.

The grasses of the following list were named by Professor Scribner.

Isoetes echinospora Braunii (Durieu) Engelm. Abundant in shallow water and partly emersed. Three Ponds, Mt. Ktaadn, September, 1898. Altitude about 2,000 feet.

Oryzopsis melanocarpa Muhl. Growing abundantly on rocky wooded hillsides. East Auburn, August, 1898. Not previously reported from the state.

Panicum macrocarpon LeConte. East Auburn, June, 1896, and July, 1898. Reported as *P. macrocarpon* Torr, by F. L. Harvey in Bull. Torr. Bot. Club, **25**: 211.

Panicum tsugetorum Nash. Pastures, East Auburn, July, 1898. A form referred to this species by Professor Scribner. *P. implicatum* Scribn. and *P. boreale* Nash were again collected at this locality in July, 1898.

Polygonum Zuccarinii Small (*P. cuspidatum*, Sieb. & Zucc.). Waste places, Basin Mills, Orono. Escaped from cultivation, and very persistent.

Alsine borealis (Bigel.) Britton (*Stellaria borealis* Bigel.). Near a

rivulet on the slope of South Basin, Mt. Ktaadn, September, 1898. Altitude about 4,500 feet.

Cardamine bellidifolia L. Abundant on sandy shores of South Basin Pond, Mt. Ktaadn, September, 1898. Altitude about 2,500 feet.

Podostemon ceratophyllum Michx. On rocks in swift water, Chemo Stream, Bradley, November, 1898. This plant was excluded from the Maine Flora, by Mr. Fernald, as no locality was known.

Vaccinium caespitosum Michx. Slope of South Basin, Mt. Ktaadn, September, 1898.

Cynoglossum Virginicum L. Border of woods, Orono, June, 1898. This plant is reported in the Portland Catalogue as questionable.

Senecio Balsamitae Muhl. (*S. aureus* var. *Balsamitae* Torr. & Gray). Border of Three Ponds, Mt. Ktaadn. Altitude about 2,000 feet. A few specimens in bloom in September, 1898.

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ON THE EDIBILITY OF CLITOCYBE ILLUDENS.

MR. FRANK J. WILLS, of Winchester, Mass., writes to the Boston Mycological Club as follows : —

“I have had an experience with *Clitocybe illudens* which, it strikes me, should have some official record. You will find it classed among the non-edible varieties,¹ but last year my family found it very good eating. I tried a few specimens myself, and the next day cooked the remainder of the clump, which gave us enough to fill the chafing-dish. I parboiled them first in salted water, and rinsed them well, then stewed them with cream, butter and seasoning.

“Saturday last I brought a clump to the exhibition, where they were identified, so that there could be no possible mistake in the matter. I also sent a specimen to Mr. Peck, who declared it to be rightly named, and wrote me the following note, which may be valuable for reference ;

Dear Sir, — The specimen you send reached me this morning. It is certainly *Clitocybe illudens* Schw., as the members of the Mycological Club say.

Boiling it a few minutes in salt water probably saved you from an attack of nausea and vomiting. Two or three of my correspondents have been led by its attractive appearance to try it incautiously, but with unpleasant results, which prove to my satisfaction that it should not be classed among the wholesome species.

¹ See RHODORA I: 43.



Merrill, Elmer D. 1899. "NOTES ON MAINE PLANTS." *Rhodora* 1, 185–186.

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