

THE OCCURRENCE OF *LITTORELLA AMERICANA* IN NEW YORK.—In 1879, Pringle collected on the Vermont side of Lake Champlain a rare little aquatic member of the Plantaginaceae, then identified with *Littorella uniflora* (L.) Aschers., more recently described by Fernald<sup>1</sup> as a new species, *Littorella americana* Fernald. The distribution of this species as recorded by Fernald is, Newfoundland, Nova Scotia, Ontario, Maine, Vermont and Minnesota.

On the basis of Pringle's Vermont collection House<sup>2</sup> included *Littorella americana* in the Flora of New York State with the remark, "and hence to be expected in northern New York." Although the original Pringle collection was made 54 years ago, this species does not seem to have been collected in New York State.

On August 24, and again on August 31, 1933, the writer, accompanied by Mr. R. T. Clausen, collected *Littorella americana* along the south end of Long Lake, Hamilton County, New York. This locality is about 50 miles due west of Crown Point, New York, on Lake Champlain. The plants occurred in extensive grass-like areas on a muddy shore exposed by extremely low water and also submerged in shallow water to a depth of one meter, in association with *Subularia aquatica* L., *Gratiola aurea* Muhl., *Eriocaulon septangulare* With. and *Sagittaria graminea* Michx.

The Long Lake material of *Littorella americana* has leaves from 2-9 cm. long and peduncles of the staminate flowers from 1-4 cm. long. The maximum lengths exceed the measurements recorded for this species by Fernald.

Specimens have been deposited in the herbarium of Cornell University and in the Gray Herbarium.—W. C. MUENSCHER, Cornell University.

---

#### FOUR FORMS OF MASSACHUSETTS PLANTS.

*XYRIS CAROLINIANA* Walt., forma **phyllolepis**, f. nov., bracteis sepalis petalis carpellisq[ue] omnibus foliaceis lanceolatis; seminibus nullis.—MASSACHUSETTS: one clump with normal and fertile *X. caroliniana* in a small quagmire in woods south of Sparrow Young's Pond, Chatham, August 20, 1918, *Fernald & Long*, no. 16,505 (TYPE in Gray Herb.).

<sup>1</sup> Fernald, M. L. The North American *Littorella*. *RHODORA* 20: 61-62. 1918.

<sup>2</sup> House, H. D. Annotated list of the Ferns and Flowering Plants of New York State. N. Y. State Mus. Bul. 254. 1924.