

FURTHER NOTES ON THE FLORA OF WORCESTER COUNTY, MASSACHUSETTS.

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DURING the past year I have collected extensively about Webster, one of the southern towns of Worcester County, Massachusetts. The results have been very satisfactory. Thompson, Conn., joins Webster, and also affords an interesting botanical field. I have been greatly assisted in observation by Mr. L. J. Spalding, of Webster, and have frequently compared notes with Mr. R. M. Harper, of Southbridge. Mr. Joseph Jackson's County Flora, has also been of great assistance. The asterisk indicates plants not included in that work.

* *Ranunculus repens*, L. Thoroughly established in and around a brook at East Webster. This crowfoot is rare in interior Massachusetts, and may be introduced.

Xanthoxylum Americanum, Mill. This grows abundantly in Thompson, Conn., near the state line, and it is to be expected in Massachusetts. In Worcester County it has been reported only from Millbury.

* *Rubus setosus*, Bigelow. Low thicket, East Webster.

* *Lythrum Salicaria*, L. Muddy shores of the Quinebaug and Maanexit rivers, Dudley and Oxford, in great abundance. Not considered common in central Massachusetts.

Circaea alpina, L. Cold woods. Purgatory Chasm, Sutton, also Athol. Very local in the county.

Cornus circinata, L'Her. Rich woods, Douglas and Sturbridge.

Linnaea borealis, L. Common, Royalston and Athol. Previously reported from Gardner and Templeton, and to be expected throughout the northern towns of the county.

* *Aster vimineus*, L., var. *foliolosus*, Gray. Dry fields, Webster. The type is common.

Rhododendron viscosum, Torr., var. *glaucum*, Gray. Rich woods near a brook, Dudley, not far from the Charlton line, but a considerable distance from the station where it was reported by R. M. Harper. (RHODORA, ii, 122.)

Limnanthemum lacunosum, Griseb. Shallow water, Whitin Pond, Northbridge. Though not much known in Worcester County, it is to be expected in any pond where the level has not been too much altered.

Gratiola Virginiana, L. Wet place in a clearing, Sutton. Previously reported from Lake Quinsigamond.

Polygonum Muhlenbergii, Watson. Shallow water of Maanexit River, North Webster. Very local in the county.

Polygonella articulata, Meisn. Roadside, Dudley. Apparently frequent in the towns of the southern border.

Betula papyrifera, Marshall. Occasional in rich woods, Webster, Dudley. Not common in the southern towns of the county.

Abies balsamea, Miller. Although supposed to be restricted to the northern towns of the county, small trees (not fruiting) occur in Webster and Dudley.

Taxus Canadensis, Willd. Abundant in deep woods, Royalston. Previously reported from Worcester.

* *Scirpus subterminalis*, Torr., var. *terrestris*, Paine. Abundant in a small pond in Dudley (altitude 540 feet), September 9, 1899. The pond is a part of a reservoir system, and, owing to a drought, its water had been largely drawn off. The conditions were thus favorable for the development of this interesting form, which is not likely to persist. Previously reported only from Herkimer County, N. Y.

* *Rhynchospora alba*, Vahl. Sandy shore of brook, Webster. From this and Mr. Harper's observations, the species seems to be rather frequent in southern Worcester County.

* *Cladium mariscoides*, Torr. Sandy swamps, Webster. Reported from Brookfield and Sturbridge.

* *Panicum filiforme*, L. Sandy field, Oxford. Previously reported only from Brookfield.

* *Panicum proliferum*, Lam. Abundant around a small pond, Dudley. Reported from Brookfield.

* *Panicum virgatum*, L. Sandy swamp, Webster. Reported from Brookfield.

* *Aristida gracilis*, Ell. Roadside, with *A. dichotoma*, Webster. Reported from Sturbridge.

* *Woodwardia Virginica*, Smith. Swamp near R. R. track, Douglas. Reported from Webster.

* *Botrychium matricariaefolium*, Braun. Dry thicket near Purgatory Chasm, Sutton. Very local.

CHELMSFORD, MASS.



Knowlton, Clarence Hinckley. 1900. "FURTHER NOTES ON THE FLORA OF WORCESTER COUNTY, MASSACHUSETTS." *Rhodora* 2, 201–202.

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