

January 1978

Notes on the flora of Rhode Island

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Recommended Citation

Tucker, Gordon C., "Notes on the flora of Rhode Island" (1978). *Faculty Research & Creative Activity*. 175.
http://thekeep.eiu.edu/bio_fac/175

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NOTES ON THE FLORA OF RHODE ISLAND

As part of an undergraduate thesis on the vegetation of the area, I have done extensive field work, since 1974, with the native plants of southern Rhode Island. I have found several species of flowering plants not previously documented from Rhode Island. I have also found stations for two other noteworthy species. Irene Stuckey and Elmer Palmatier, of the University of Rhode Island, have been most helpful in confirming the status of these species. Lisa Standley, formerly of the Bailey Hortorium, and A. W. H. Damman, of the University of Connecticut, verified identifications of the *Carex* species mentioned.

Of the seven taxa discussed below, five are new records for the state and are marked (*). The significance of the other two species is indicated.

**Sagittaria teres* S. Wats. Plentiful in shallow water, sandy bottom. School House Pond, Charlestown. 3 August 1976.

**Carex artitecta* Mack. Numerous plants in crevices in quartzite rock. Hemlock Ledges, Gloucester. 24 July 1977.

Carex collinsii Mack. Growing with *Gaultheria hispidula* on sphagnum tussocks, in a swamp of Atlantic white cedar. Genessee Swamp, South Kingstown. 7 July 1975. This is possibly the same station at which this species was collected by J. F. Collins in 1932. The northernmost occurrence for this coastal plain species.

**Carex tonsa* (Fern.) Bickn. Plentiful under pitch pines in a sand plains area. South Kingstown. 7 July 1977.

**Drosera filiformis* Raf. Six vigorous plants were found in a gravel bank, in moist, fine silt with *Lycopodium inundatum*, *Rhexia virginica*, and *Vaccinium macrocarpon*. These plants flowered in early July, 1977. A careful search located about fifty seedlings surrounding the mature individuals, so the plants are reproducing. Near Wordens Pond, South Kingstown.

Helianthemum dumosum (Bickn.) Fern. The only previously known station in Rhode Island was on Block Island. Two healthy plants, with fully developed cleistogamous flowers, were found growing with the *Carex tonsa* mentioned above. Irene Stuckey confirmed my identification. South Kingstown. 1 July 1977.

**Hudsonia tomentosa* Nutt. var. *intermedia* Peck. Growing with the typical variety, in a sand plains area on the north edge of the Charlestown Moraine, South Kingstown. 15 July 1977.

Voucher specimens of the species discussed above have been deposited in the Wiegand Herbarium of Cornell University. A specimen of the *Drosera filiformis* has been deposited in the Herbarium of the New England Botanical Club.

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