

the flora of such restricted areas in the months of August and September. The list is herewith published in the form in which it was received, with thanks to Mr. Deam for the use of his notes. Comments upon some of the species are reserved for the forthcoming report upon the flora of the State.

A LIST OF PLANTS COLLECTED AT CEDAR, SHRINER AND ROUND LAKES.

BY C. C. DEAM, BLUFFTON.

The following species are represented in my herbarium by specimens collected by Mr. Williamson and myself. The number here recorded by no means represents the rich flora of the region.

- Dryopteris Thelypteris* (L.). A. Gray. September 2, 1897. Shriner Lake.
Typha latifolia L. September 2, 1897. Round Lake.
Potamogeton, four species. August 3, 1896. Shriner Lake.
Sagittaria rigida Pursh. August 6, 1896. Round Lake.
Panicum capillare L. August 6, 1896. Round Lake.
Panicum Crus-galli L. August 2, 1896. Round Lake.
Zizania aquatica L. August 6, 1896. Round Lake.
Homalocenchrus oryzoides (L.). Poll. September 2, 1897. Cedar Lake.
Muhlenbergia Americana (L.). Trin. September 2, 1897. Shriner Lake.
Cyperus Engelmanni Steud. September 1, 1897. Shriner Lake.
Cyperus rivularis Kunth. September 1, 1897. Round Lake.
Dulichium arundinaceum (L.). Britt. September 1, 1897. Round Lake.
Eleocharis interstincta (Vahl.). R. and S. September 1, 1897. Round Lake.
Eleocharis mutata (L.). R. and S. September 2, 1897. Round Lake.
Scirpus Americanus Pers. August 3, 1896. Shriner Lake.
Scirpus atrovirens Muhl. August 2, 1896. Shriner Lake.
Scirpus lacustris L. August 1, 1896. Shriner Lake.
Scirpus lineatus Michx. August 1, 1896. Shriner Lake.
Rhynchospora glomerata (L.). Vahl. August 2, 1896. Round Lake.
Cladium mariscoides (Muhl.). Torr. September 2, 1897. Shriner Lake.
Carex comosa Boott. September 1, 1897. Shriner Lake.
Carex lupuliformis Sartwell. September 1, 1897. Shriner Lake.
Eriocaulon septangulare With. September 2, 1897. Round Lake.
Pontederia cordata L. August 1, 1896. Shriner Lake.
Juncus Canadensis J. Gay. September 2, 1897. Shriner Lake.
Pogonia trianthophora (Sw.). B. S. P. August 2, 1896. Shriner Lake.

- Corallorhiza odororhiza* (Willd). Nutt. August 8, 1896. Round Lake.
Rumex verticillatus L. September 2, 1897. Cedar Lake.
Polygonum incarnatum Ell. August 6, 1896. Round Lake.
Polygonum punctatum Ell. September 2, 1897. Round Lake.
Polygonum sagittatum L. September 2, 1897. Cedar Lake.
Amaranthus blitoides S. Wats. September 2, 1897. Round Lake.
Silene stellata (L.) Ait. August 6, 1896. Round Lake.
Brasenia purpurea (Michx.). Casp. August 3, 1896. Shriner Lake.
Nymphaea advena Soland. August 6, 1896. Round Lake.
Castalia odorata (Dryand). Woodv. and Wood. August 3, 1896. Round Lake.
Actea alba (L). Mill. August 3, 1896. Round Lake.
Hamamelis Virginiana L. August 1, 1896. Cedar Lake.
Spiraea salicifolia L. August 4, 1896. Cedar Lake.
Cassia Marylandica L. August 1, 1896. Round Lake.
Meibomia Dillenii (Darl.) Kuntze. September 1, 1897. Round Lake.
Meibomia Michauxii Vail. September 1, 1897. Round Lake.
Meibomia nudiflora (L.). Kuntze. July 30, 1896. Round Lake.
Lespedeza frutescens (L.). Britton. September 1, 1897. Round Lake.
Lespedeza Virginica (L.). Britton. September 1, 1897. Round Lake.
Euphorbia corollata L. September 3, 1897. Cedar Lake.
Celastrus scandens L. August 1, 1896. Round Lake.
Impatiens aurea Muhl. July 29, 1896. Shriner Lake.
Decodon verticillatus (L.). Ell. August 6, 1896. Round Lake.
Myriophyllum, one species. August 3, 1896. Round Lake.
Cicuta bulbifera L. September 2, 1897. Round Lake.
Cicuta maculata L. August 3, 1896. Round Lake.
Scutellaria galericulata L. August 2, 1896. Round Lake.
Scutellaria laterifolia L. September 3, 1897. Round Lake.
Monarda fistulosa L. August 4, 1896. Round Lake.
Lycopus rubellus Moench. September 1, 1897. Shriner Lake.
Mentha piperita L. July 31, 1896. Round Lake.
Gerardia paupercula (A. Gray). Britton. September 1, 1897. Shriner Lake.
Utricularia resupinata B. D. Greene. September 2, 1897. Round Lake.
Utricularia vulgare L. June 24, 1898. Shriner Lake.
Cephalanthus occidentalis L. August 3, 1896. Shriner Lake.
Lobelia cardinalis L. July 31, 1896. Round Lake.
Lactuca villosa Jacq. September 2, 1897. Cedar Lake.
Hieracium scabrum Michx. September 1, 1897. Round Lake.

- Empetrum purpureum* L. July 31, 1896. Round Lake.
Solidago, one species. August 6, 1896. Cedar Lake.
Euthamia graminifolia (L.). Nutt. August 1, 1896. Cedar Lake.
Aster macrophyllus L. August 6, 1896. Round Lake.
Inula Helenium L. August 6, 1896. Round Lake.
Silphium trifoliatum L. July 31, 1896. Round Lake.
Rudbeckia luciniata L. September 2, 1897. Cedar Lake.
Bidens Beckii Torr. August 6, 1896. Round Lake.
Bidens trichosperma (Michx.). Britt. August 6, 1896. Round Lake.
Erechtites hieracifolia (L.). Raf. September 2, 1897. Cedar Lake.
Carduus nuticus (Michx.). Pers. September 2, 1897. Cedar Lake.

SOME UNRECOGNIZED FORMS OF NATIVE TREES.

BY STANLEY COULTER.

In the case of certain of our familiar forests there is a popular or commercial recognition of certain well-marked forms which have either escaped the attention of botanists or have been considered of such slight importance as to receive no mention in descriptive works. Some of these forms are so distinct and so persistent as to raise the question as to whether they may not be entitled to varietal rank. Certainly in a study of our forest flora they must be taken into account. I desire in this paper to call attention to some of these botanically unrecognized forms, hoping by this means to receive added information upon this point.

ASIMINA TRILOBA DUNAL.

The papaw has two easily distinguishable forms, which may be characterized as—

1. A large-fruited form, becoming a rich yellow upon ripening.
2. A small-fruited form, remaining white upon ripening.

Among the evident fruit differences the following are to be noted. In the large-fruited form the pulp is much softer and more yielding than in the small-fruited form; it possesses a much stronger flavor and odor; the