

## ADDITIONS TO THE REVISED CATALOGUE OF OHIO VASCULAR PLANTS. VII\*

JOHN H. SCHAFFNER and CLYDE H. JONES

Our enthusiastic amateur botanists have contributed their usual large number of specimens during the past year. These contributions have greatly augmented our knowledge of the diversity and the distribution of the flora of Ohio.

The work performed by a number of N. Y. A. students has been very important from the standpoint of preserving the many valuable contributions donated by collectors through the years. The extermination of insects, replacing of illegible labels, and the cleaning and repairing of damaged herbarium sheets are a few of the many tasks performed by these students. Our State Herbarium is one of the best, and no effort should be spared to maintain that status.

The plants included in the following list were selected by Professor Schaffner from the contributions of the past year which he had examined. The unexamined collections will, undoubtedly, yield many more important and interesting records which will be given proper recognition in next year's report. The contributions so far examined have brought to light 10 species new to the state and important range extension of 59 others.

A recent survey of the 2,488 species, represented by 55,000 sheets in the State Herbarium, indicates that there are 536 species which have been reported from less than five counties in the state. A list of these species will soon be available to collectors and should be an aid in establishing authentic records of the true status of our rare or seldom collected native vascular plants.

1. *Ophioglossum vulgatum* L. Adder-tongue. Athens Co. Walter P. Porter and P. S. Wamsley.
- 25a. *Asplenium platyneuron* x *Camptosorus rhizophyllus* (A. ebenoides Scott). Muskingum Twp., Washington Co. George R. Procter. In Marietta College Herbarium.
51. *Isoetes engelmanni* A. Br. Engelmann's Quillwort. Pleasant Twp., Clark Co. Clyde H. Jones.
- 82.1. *Sagittaria longirostra* (Micheli) J. G. Sm. Long-beaked Arrow-head. Along Maumee R, near Napoleon, Henry Co. Floyd B. Chapman and L. E. Hicks.
113. *Najas gracillima* (A. Br.) Magnus. Thread-like Naias. In quiet pool of Portage River, Ottawa Co., probably near Port Clinton. In University of Michigan Herbarium. A. J. Peters (1898). Reported by Carl O. Grassl.
- 114.1. *Cabomba caroliniana* Gr. Cabomba. Holden Arboretum, Buttonbush Bog, Kirtland Twp., Lake Co. J. W. Aldrich.

---

\*Papers from the Department of Botany, The Ohio State University, No. 419.

- 119.1. *Anacharis planchonii* (Casp.) Rydb. Narrow-leaf Water-weed. Lake Alma, Jackson Co. Harold L. Edmonds.
122. *Sparganium androcladum* (Engelm.) Morong. Branching Bur-reed. In Buttonbush Bog, Kirtland, Lake Co. J. W. Aldrich.
166. *Stenophyllus capillaris* (L.) Britt. Hair-like Stenophyllus. Sandy Springs, Adams Co. F. B. Chapman.
157. *Dulichium arundinaceum* (L.) Britt. Dulichium. In bog, Madison Twp., Scioto Co. Floyd B. Chapman and Conrad Roth.
171. *Cyperus ouularis* (Mx.) Torr. Globose Cyperus. Common on sand ridges, Liberty Twp., Wood Co. R. E. Shanks.
225. *Carex cephalantha* (Bail.) Bickn. Little Prickly Sedge. Lake-O-Springs, Jackson Twp., Stark Co. Don M. Brown.
305. *Carex cryptolepis* Mack. Small Yellow Sedge. Lake-O-Springs, Jackson Twp., Stark Co. Don M. Brown.
325. *Arundinaria tecta* (Walt.) Muhl. Cane. Spreading from clumps planted many years ago. Section 18, Berne Twp., Fairfield Co. Lewis K. Cook. and Franklin, Jackson Co. A. L. Pierstorff.
339. *Festuca shortii* Kunth. Short's Fescue-grass. Circleville Twp., Pickaway Co. Floyd Bartley and Leslie L. Pontius.
355. *Poa autumnalis* Muhl. Flexuous Spear-grass. Cadiz Twp., Harrison Co. Edward S. Thomas.
394. *Sporobolus clandestinus* (Spreng.) Hitchc. Rough Rush-grass. Along B. & O. R. R. track near New Vienna, Clinton Co. Katie M. Roads.
- 403.1. *Agrostis palustris* Huds. Creeping Bent-grass. Sugar Run, Ross Co. Gordon S. Crowl.
478. *Panicum leibergii* (Vasey) Scribn. Leiberg's Panic-grass. Deer Creek Twp., Pickaway Co. Floyd Bartley and Leslie L. Pontius.
488. *Panicum lindheimeri* Nash. Lindheimer's Panic-grass. Deer Creek Twp., Pickaway Co. Floyd Bartley and Leslie L. Pontius.
493. *Panicum meridionale* Ashe. Matting Panic-grass. Liberty Twp., Wood Co. R. E. Shanks.
536. *Allium cepa* L. Common Onion. On railway embankment. Columbus, Franklin Co. John H. Schaffner.
- 537.1. *Allium sativum* L. Garlic. Common along the Danville Road near Hillsboro, Highland Co. Katie M. Roads.
552. *Stenanthium robustum* Wats. Stout Stenanthium. On steep hillside, open field. Gallia Co. Leslie L. Pontius and Floyd Bartley.
- 597.2. *Juncus vaseyi* Engelm. Vasey's Rush. In pastured woods. Perry Twp., Shelby Co. R. E. Shanks.
603. *Juncus articulatus* L. Jointed Rush. Mentor, Lake Co. Don M. Brown.
606. *Juncus brachycarpus* Engelm. Short-fuited Rush. Plain Twp., Wood Co. R. E. Shanks.
614. *Xyris torta* Smith. Slender Yellow-eyed-grass. In a bog, Madison Twp., Scioto Co. Floyd B. Chapman.
616. *Manfreda virginica* (L.) Salisb. False Aloe. About 100 plants in southwestern New Market Twp., Highland Co. Katie M. Roads.
669. *Tipularia unifolia* (Muhl.) B. S. P. Crane-fly Orchis. Waterloo Forest, Athens Co. Walter P. Porter.
678. *Magnolia acuminata* L. Cucumber Magnolia. Perry Co. Edward S. Thomas.
685. *Ranunculus pennsylvanicus* L. f. Bristly Buttercup. Urbana Raised Bog. Urbana Twp., Champaign Co. Margaret B. Church.
- 725.1. *Thalictrum caulophylloides* Small. Cohosh Meadow-rue. Clifton Gorge, Greene Co. Leslie L. Pontius and Floyd Bartley.
745. *Papaver rhoeas* L. Field Poppy. Hundreds in the tall grass along the road half way between New Antioch and New Vienna, Clinton Co. Katie M. Roads.
762. *Berteroa incana* (L.) DC. Hoary Berteroa. Cadiz, Harrison Co. V. G. Applegate.
812. *Arabis virginica* (L.) Trel. Virginia Rock-cress. Athens Twp., Athens Co. Walter P. Porter and P. S. Wamsley.
830. *Leavenworthia uniflora* (Mx.) Britt. Michaux's Leavenworthia. Lynx, Adams Co. Floyd B. Chapman.
855. *Erodium cicutarium* (L.) L'Her. Stork's-bill. Plentiful in fields. Buchtel, Athens Co. Len. Stephenson.

884. *Polygala cruciata* L. Cross-leaf Milkwort. Liberty Twp., Wood Co. R. E. Shanks.
885. *Polygala ambigua* Nutt. Loose-spiked Milkwort. Mew Market Twp., Highland Co. Katie M. Roads.
896. *Tithymalus lathyris* (L.) Hill. Caper Spurge. Spontaneous at Grandview, Franklin Co. Wendell Paddock.
914. *Callitriche heterophylla* Pursh. Larger Water-starwort. Near Zaleski, Vinton Co. Walter P. Porter.
924. *Sida hermaphrodita* (L.) Rusby. Tall Sida. Along Ohio River. Green Twp., Scioto Co. Conrad Roth and Floyd B. Chapman.
- 976.1. *Viola primulifolia* L. Primrose-leaf Violet. Madison Twp., Scioto Co. Floyd B. Chapman and Conrad Roth.
977. *Viola lanceolata* L. Lanceleaf Violet. In a bog, Madison Twp., Scioto Co. Floyd B. Chapman and Conrad Roth.
992. *Sagina procumbens* L. Procumbent Pearlwort. Athens, Athens Co. Walter P. Porter.
1024. *Silene rotundifolia* Nutt. Roundleaf Catchfly. Chimney Rocks, Pike Co. Gordon S. Crowl.
1147. *Fragaria vesca* L. European Wood Strawberry. Established accidentally in the edge of a large flower bed. Hillsboro, Highland Co. Katie M. Roads.
- 1155.1. *Rubus argutus* Link. Tall Blackberry. Coleraine Twp., Ross Co. Donald McBeth.
1337. *Heuchera villosa* Mx. Hairy Alum-root. Perry Twp., Lawrence Co. F. B. Chapman and Conrad Roth.
1477. *Salix candida* Fl. Hoary Willow. In a swamp near Hudson, Portage Co. Floyd Bartley and Leslie L. Pontius.
1497. *Grossularia reclinata* (L.) Mill. Garden Gooseberry. Along the road. Liberty Twp., Highland Co. Katie M. Roads.
1526. *Cucurbita lagenaria* L. Bottle Gourd. A large patch in a pasture lot near New Vienna, Clinton Co. Katie M. Roads.
1545. *Xolisma ligustrina* (L.) Britton. Xolisma. Springfield Twp., Gallia Co. Clyde H. Jones.
1553. *Chimaphila umbellata* (L.) Nutt. Pipsissewa. Liberty Twp., Wood Co. R. E. Shanks.
1592. *Convolvulus fraterniflorus* Mack. & Bush. Short-stalked Bindweed. Near New Vienna, Clinton Co. Katie M. Roads.
- 1611.1. *Buddleia davidi* Franch. Butterfly-bush. In a dense weed patch in the basement of a burned-down factory. Hillsboro, Highland Co. Katie M. Roads.
- 1613.1. *Ligustrum obtusifolium* S. & Z. Blunt-leaf Privet. Three large bushes along a small wooded stream near Blanchester, Clinton Co. Katie M. Roads.
1625. *Gentiana procera* Holm. Smaller Fringed Gentian. Greene Twp., Ross Co., and Deer Creek Twp., Pickaway Co. Floyd Bartley and Leslie L. Pontius. Also south of Rock Bridge, Hocking Co. Mrs. C. G. Landis and Mrs. Wm. Halenkamp.
- 1660.2. *Petunia hybrida* Vilm. Common Garden Petunia. Escaped in a pasture lot, Hillsboro, Highland Co. Katie M. Roads.
1756. *Utricularia gibba* L. Humped Bladderwort. Athens State Hospital Lakes, Athens Co. Walter P. Porter.
1774. *Lithospermum carolinense* (Walt.) Mack. Hairy Puccoon. Plain Twp., Wood Co. and Washington Twp., Henry Co. R. E. Shanks.
- 2076.1a. *Bidens polylepis retrorsa* Sherff. Large-bracted Tickseed. Porter Twp., Scioto Co. Conrad Roth.
- 2101.1. *Tagetes patula* L. French Marigold. Along the N. & W. R. R. track. Hillsboro, Highland Co. Katie M. Roads.
- 2102.1. *Calendula officinalis* L. Pot-marigold. In a vacant lot in Hillsboro, Highland Co. Katie M. Roads.
2143. *Bellis perennis* L. European Daisy. Common in lawns and lawn-extensions. Wooster, Wayne Co. John H. Schaffner.
2189. *Eupatorium serotinum* Mx. Late-flowering Thoroughwort. Swamp along Black Fork Creek, Jackson Co. Floyd Bartley and Lester L. Pontius. Also Greene Twp., Scioto Co. Floyd B. Chapman and Conrad Roth.
- 2285.1. *Crepis pulchra* L. Small-flowered Hawksbeard. Along railway track, Penn Twp., Highland Co. Katie M. Roads.
2296. *Sonchus arvensis* L. Field Sow-thistle. Along railroad track near New Vienna, Clinton Co. Katie M. Roads.