

ADDITIONS TO THE CATALOG OF OHIO VASCULAR
PLANTS FOR 1921.*

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During the past year a number of additions have been made to the Ohio flora and some important extensions of ranges have been detected. Below is given a list of the more important additions, with some corrections of species names.

54. *Equisetum fluviatile* L. Swamp Horsetail. Cedar Swamp, south of Urbana, Champaign Co. John H. Schaffner.
71. *Pinus echinata* Mill. Shortleaf Yellow Pine. Jackson Twp., Jackson Co., Wilkesville and Vinton Twps., Vinton Co. "This pine is generally distributed over N. E. Jackson County, and is the dominant pine with scrub and pitch pines. Its occurrence, however, in Vinton County is rather limited and restricted, occurring always on the ridges." F. W. Dean.
72. *Thuja occidentalis* L. Arborvitae. On east bank of Brush creek, Bratton Twp., Adams Co. Katie M. Roads.
236. *Carex platyphylla* Car. Broadleaf Sedge. Hillsboro, Highland Co. Katie M. Roads.
384. *Sporobolus vaginaeflorus* (Torr.) Wood. Sheathed Rush-grass. Hillsboro, Highland Co. Katie M. Roads.
414. Change name to *Torresia odorata* (L.) Hitchc. instead of *Savastana odorata* (L.) Scrib. Add: Specimens from Blanchester, Clinton Co. "Wet meadows." E. Lucy Braun.
545. *Juncus torreyi* Cov. Torrey's Rush. Hillsboro, Highland Co. Katie M. Roads.
- 552.1. *Juncoides bulbosum* (Wood) Small. Bulb-bearing Wood-rush. Blanchester, Clinton Co. "Wet meadows." E. Lucy Braun.
567. *Fissipes acaulis* (Ait.) Small. Moccasin-flower. Iron-ton, Lawrence Co. Lillian E. Humphrey.

* Papers from the Department of Botany, Ohio State University. No. 132.

662. *Sarracenia purpurea* L. Pitcher-plant. Cranberry Island, Buckeye Lake, Licking Co. Spreading abundantly from a single plant set out several years ago by Miss Freda Detmers. Hundreds of vigorous plants now cover a considerable area of the open Sphagnum bog. John H. Schaffner.
663. *Drosera rotundifolia* L. Roundleaf Sundew. Cedar Swamp, southern part of Clarke Co. Mrs. Bayard Taylor.
683. *Koniga maritima* (L.) R. Br. Sweet Alyssum. "Persistent and an escape from cultivation." Hillsboro, Highland Co. Katie M. Roads.
706. *Sophia pinnata*. (Walt.) Howell. Pinnate Tanzy-mustard. Gravel slide, Huffman Dam, Greene Co. Also in Clark Co. A. E. Waller.
714. *Conringia orientalis* (L.) Dum. Hare's-ear-mustard. Hillsboro, Highland Co. Katie M. Roads.
739. *Dentaria diphylla* Mx. Two-leaf Toothwort. Near Hillsboro, Highland Co. Katie M. Roads.
744. *Sinapis arvensis* L. Corn Mustard. "In waste places and gardens." Hillsboro, Highland Co. Katie M. Roads.
746. *Brassica juncea* (L.) Cosson. Indian Mustard. Hillsboro, Highland Co. Katie M. Roads.
- 805.1. *Tithymalus falcatus* (L.) Kl. & Garke. Native of Europe. Along railroad between Fairmount and Westwood, near Cincinnati, Hamilton Co. Louis H. Desjardins.
925. *Dianthus armeria* L. Deptford Pink. "In a pasture lot." Hillsboro, Highland Co. Katie M. Roads.
1009. *Potentilla recta* L. Upright Cinquefoil. Roadside near Bainbridge, Ross Co. A. E. Waller.
1286. *Alnus incana* (L.) Willd. Hoary Alder. Cedar Swamp, south of Urbana, Champaign Co. John H. Schaffner.
- 1323.1. *Opuntia tortispina* Engelm. Twisted-spine Prickly-pear. In large patches in gravel soil in railroad cut, Terrace Park, Cincinnati, Hamilton Co. From the west. E. Lucy Braun.
1420. *Phlox pilosa* L. Downy Phlox. "In pine woods." Iron-ton, Lawrence Co. Lillian E. Humphrey.

1434. *Convolvulus japonicus* Thunb. Japanese Bindweed. Escaped along a road near Brooks, Clark Co. John H. Schaffner.
1465. *Gentiana crinita* Froel. Fringed Gentian. "In a swamp" near Canton, Stark Co. Mary King.
1471. *Frasera carolinensis* Walt. American Columbo. Blendon and Pleasant Twps., Franklin Co. John H. Schaffner.
- 1526.1. *Paulownia tomentosa* (Thunb.) Baill. Paulownia. Escaped in Ironton, Lawrence Co. Lillian E. Humphrey.
1529. *Conobea multifida* (Mx.) Benth. Conobea. Hillsboro, Highland Co. Katie M. Roads.

The following changes of names should be made in the family Scrophulariaceae, to agree with the treatment of the Ohio species by Mary A. Taylor in "The Figworts of Ohio," Ohio Jour. Sci. 21:217-239, 1921. The sequence of genera and species should also follow the arrangement given there.

1530. *Gratiola neglecta* Torr. instead of *Gratiola virginiana* L.
1531. *Gratiola virginiana* L., instead of *Gratiola sphaerocarpa* Ell.
1547. *Veronicastrum virginicum* (L.) Farw. instead of *Lepandra virginica* (L.) Nutt.
1551. *Dasistoma macrophylla* (Nutt.) Raf. instead of *Afzelia macrophylla* (Nutt.) Ktz.
1552. *Aureolaria pedicularia* (L.) Raf. instead of *Dasystema pedicularia* (L.) Benth.
1553. *Aureolaria virginica* (L.) Pennell, instead of *Dasystema flava* (L.) Wood.
1554. *Aureolaria laevigata* (Raf.) Raf., instead of *Dasystema laevigata* Raf.
1555. *Aureolaria flava* (L.) Farw. instead of *Dasystema virginica* (L.) Britt.
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1686. *Salvia lyrata* L. Lyreleaf Sage. Paint Twp., Highland Co. Katie M. Roads.
- 1695a. *Plantago aristata nuttallii* (Rapn.) Morris. A peculiar but probably merely a depauperate form of *P. aristata*. Gallipolis, Gallia Co. R. H. Martin.

1761. *Galium pilosum* Ait. Hairy Bedstraw. Paint Twp., Highland Co. Katie M. Roads.
1777. *Viburnum dentatum* L. Toothed Arrow-wood. "Wet meadows and undrained flats." Martinsville, Clinton Co. E. Lucy Braun.
1778. *Viburnum scabrellum* (T. & G.) Chapm. Roughleaf Arrow-wood. Union Twp., Highland Co. Katie M. Roads.
- 1786.1. *Triostium aurantiacum* Bickn. Scarlet-fruited Horse-gentian. Toboso, Licking Co. E. N. Transeau.
1794. *Lonicera japonica* Thunb. Japanese Honeysuckle. "Collected on the bank of a small pond." Hillsboro, Highland Co. Katie M. Roads.
1873. *Bidens aristosa* (Mx.) Britt. Western Tickseed. Bratten Twp., Adams Co. Katie M. Roads.
1948. *Aster junceus* Ait. Rush Aster. "Wet meadows." Midland, Clinton Co. E. Lucy Braun.
1952. *Aster multiflorus* Ait. Dense-flowered Aster. Omit Gallia Co. from distribution.
- 1964.1. *Leptilon divaricatum* (Mx.) Raf. Low Horseweed. "Dry sandy soil, roadside." From the west. Winton Place, Cincinnati, Hamilton Co. E. Lucy Braun.
- 2005.1. *Artemisia ludoviciana* Nutt. Western Mugwort. Established along the interurban track near Brooks, Clark Co. From the west. John H. Schaffner.
- 2030.1. *Centaurea solstitialis* L. Barnaby's Star-thistle. Archbold, Fulton Co. In alfalfa field introduced with alfalfa seed. John S. Nofzinger. Also at Lima, Allen Co. L. S. Van Natta.