

## ADDITIONS TO THE CATALOG OF OHIO VASCULAR PLANTS FOR 1931.\*

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As has been the case for a number of years past, a considerable number of new records have again been added to the Ohio state plant list. Some of these species are very conspicuous plants and it is surprising that no botanist has reported their presence in the state before. Mr. Floyd Bartley and Mr. Leslie L. Pontius deserve special credit for a number of these interesting discoveries, some of which advance the geographic boundaries of several species several hundred miles beyond their supposed limits. Since a new State Catalog is being published, the present list will be the final additions to the old 1914 Catalog of Ohio Vascular Plants. The new catalog will bring our knowledge of distribution up to date and make further study of our flora much more convenient than it has been in recent years.

- 25a. *Asplenium cryptolepis ohionis* Fern. Mineral Springs region, Adams Co. Margaret A. McCloud.
- 40. *Dennstaedtia punctilobula* (Mx.) Moore. Boulder-fern. "Red Hills," near Central College, Franklin Co. F. B. Chapman.
- 63. *Lycopodium complanatum* L. Trailing Club-moss. Corning, Perry Co. Rodney D. Book.
- 69. *Pinus rigida* Mill. Pitch Pine. Linton Twp., Coshocton Co. L. A. Robertson.
- 70. *Pinus virginiana* Mill. Scrub Pine. Byesville, Guernsey Co. L. A. Robertson.
- 75.1. *Juniperus horizontalis* Moench. Shrubby Juniper. Along a fence, apparently escaped from cultivation. Cooney, Williams Co. John H. Schaffner.
- 135. *Cyperus schweinitzii* Torr. Schweinitz's Cyperus. Beach at Ashtabula, Ashtabula Co. L. E. Hicks.
- 172.1. *Eriophorum gracile* Koch. Slender Cotton-sedge. In bog at Baumgardner's Pond., Jackson Twp., Franklin Co. R. B. Gordon and E. S. Thomas.
- 226. *Carex varia* Muhl. Emmon's Sedge. Elyria, Lorain Co. (E. S. Steele). Received from F. O. Grover.
- 295.1. *Arundinaria tecta* (Walt.) Muhl. Cane. Mineral Springs region, Adams Co. "Escaped from cultivation." E. Lucy Braun and R. B. Gordon.
- 340. *Sphenophyllus capillaris* (L.) Britt. Hair-like Sphenophyllus. Kettle Hill, south of Lancaster, Fairfield Co. R. B. Gordon, Bruce Hill, and Wm. Ireland.

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\*Papers from the Department of Botany, The Ohio State University, No. 297.

348. *Cynosurus cristatus* L. Dogtail-grass. Oberlin, Lorain Co. F. O. Grover.  
 368. *Elymus hirsutiiglumis* Scribn. & Sm. Strict Wild-rye. Elyria, Lorain Co. (W. M. Dick). Received from F. O. Grover.  
 378. *Capriola dactylon* (L.) Ktz. Bermuda-grass. Cheshire, Gallia Co. Geo. W. McAllister. Hamilton, Butler Co. J. W. Timberman.  
 380. *Atheropogon curtispendus* (Mx.) Fourn. Tall Gramma-grass. Clifton Gorge, Clark Co. Floyd Bartley and Leslie L. Pontius.  
 383. *Sporobolus asper* (Mx.) Kunth. Longleaf Rush-grass. Union Twp., Logan Co. E. N. Transeau.  
 389. *Calamagrostis cinnoides* (Muhl.) Scribn. Nuttall's Reed-grass. Granville, Licking Co. (H. L. Jones). Received from F. O. Grover.  
 416. *Phalaris canariensis* L. Canary-grass. Twinsburg, Summit Co. E. M. Herrick.  
 423. *Panicum miliaceum* L. Millet Panic-grass. New Vienna, Clinton Co. Katie M. Roads.  
 450. *Leptoloma cognatum* (Schultes) Chase. Fall Witch-grass. Kettle Hill, south of Lancaster, Fairfield Co. R. B. Gordon.  
 469.1. *Andropogon eliottii* Chapm. Elliott's Beard-grass. McArthur, Vinton Co. Floyd Bartley and Leslie L. Pontius. Nile Twp., Scioto Co. Conrad Roth.  
 470. *Andropogon virginicus* L. Virginia Beard-grass. Beach City, Sugar Creek Twp., Stark Co. W. H. Camp.  
 484.1. *Allium sibiricum* L. Chives. Hartsgrove, Ashtabula Co. L. E. Hicks.  
 547. *Juncus brachycephalus* (Engelm.) Buch. Small-headed Rush. Conneaut, Ashtabula Co. L. E. Hicks.  
 559. *Gemmingia chinensis* (L.) Ktz. Blackberry-lily. Wapakoneta, Auglaize Co. Wm. Kayser.  
 589. *Ibidium ovale* (Lindl.) House. Small-flowered Lady's-tresses. Lynx, Adams Co. Reeve Bailey and C. F. Walker.  
 591. *Ibidium beckii* (Lindl.) House. Little Lady's-tresses. Nile Twp., Scioto Co. Conrad Roth, C. F. Walker. Washington Twp., Jackson Co. C. F. Walker and E. S. Thomas. Colerain Twp., Ross Co. Floyd Bartley and Leslie L. Pontius.  
 595. *Liparis lilifolia* (L.) Rich. Large Twayblade. Red Hills near Central College, Franklin Co. F. B. Chapman and Wm. Ireland, Jr.  
 599. *Corallorrhiza corallorrhiza* (L.) Karst. Early Coral-root. Sugar Grove, Fairfield Co. Glenn W. Blaydes.  
 603.1. *Magnolia macrophylla* Mx. Large-leaf Magnolia. At Rock Branch and Barleytown, Jackson Co. Leslie L. Pontius and Floyd Bartley.  
 629. *Aquilegia vulgaris* L. European Columbine. "Common escape." Andover Twp., Ashtabula Co. L. E. Hicks.  
 682. *Berteroa incana* (L.) DC. Hoary Berteroa. Carpenter, Meigs Co. "In alfalfa field." C. J. Willard.  
 688. *Camelina microcarpa* Andrz. Common False-flax. Wooster, Wayne Co. L. E. Hicks.  
 701.1. *Lepidium perfoliatum* L. Perfoliate Peppergrass. Bellefontaine, Logan Co. O. D. Diller. New Bremen, Auglaize Co. G. W. Owen. Barnesville, Belmont Co. Emma E. Laughlin.  
 740. *Dentaria maxima* Nutt. Large Toothwort. Conneaut, Ashtabula Co. L. E. Hicks.  
 742.1. *Dentaria multifida* Muhl. Multifid Toothwort. Delaware, Delaware Co. C. E. O'Neal.  
 747.1. *Brassica napo-brassica* Mill. Rutabaga. From Europe. Persistent after cultivation. New Lyme, Ashtabula Co. L. E. Hicks.  
 751. *Raphanus raphanistrum* L. Wild Radish. Hillsboro, Highland Co. Katie M. Roads.  
 809. *Chamaesyce rafinesqui* (Greene) Small. Hairy Spurge. Barnesville, Belmont Co. Emma E. Laughlin.  
 812. *Chamaesyce polygonifolia* (L.) Small. Knotweed Spurge. Beach at Ashtabula, Ashtabula Co. L. E. Hicks.  
 820. *Malva alcea* L. European Mallow. "Roadside." Brownhelm, Lorain Co. (A. A. Wright). Received from F. O. Grover.

- 829.1. *Hibiscus oculiroseus* Britt. Crimson-eye Rose-mallow. Stage's Pond, three miles south of Ashville, Pickaway Co. C. F. Walker, L. M. Shupe.
875. *Viola affinis* Le C. Thinleaf Blue Violet. Red Hills east of Big Walnut Creek, Central College, Franklin Co. R. B. Gordon and F. B. Chapman.
898. *Alsine graminea* (L.) Britt. Lesser Stitchwort. Beach at Ashtabula, Ashtabula Co. L. E. Hicks.
920. *Silene caroliniana* Walt. Carolina Catchfly. East Liberty, Summit Co. L. E. Hicks.
925. *Silene armeria* L. Sweet William Catchfly. Conneaut River, Ashtabula Co. L. E. Hicks.
998. *Polygonum tenue* Mx. Slender Knotweed. Liberty Twp., Ross Co. Floyd Bartley and Leslie L. Pontius. Kettle Hill, south of Lancaster, Fairfield Co. R. B. Gordon.
1000. *Geum rivale* L. Purple Avens. Andover Twp., Ashtabula Co. L. E. Hicks.
1002. *Geum flavum* (Port.) Bickn. Cream-colored Avens. Windsor Mills, Ashtabula Co. L. E. Hicks.
1069. *Crataegus brainerdi* Sarg. Brainerd's Hawthorn. Wapakoneta, Auglaize Co. Wm. Kayser.
1070. *Crataegus chrysoarpa* Ashe. Roundleaf Hawthorn. Wapakoneta, Auglaize Co. Wm. Kayser.
1167. *Vicia angustifolia* L. Narrow-leaf Vetch. Wapakoneta, Auglaize Co. Wm. Kayser.
1189. *Sullivantia sullivantii* (T. & G.) Britt. Sullivantia. West of Portsmouth, Scioto Co. Glenn W. Blaydes.
- 1248.1. *Celtis pumila* (Muhl.) Pursh. Dwarf Hackberry. Lynx, Adams Co. Conrad Roth. "Limestone cliff." Brush Creek Twp., Highland Co. Floyd Bartley and Leslie L. Pontius.
- 1219.1. *Pachystima canbyi* Gr. Mountain-lover. Brush Creek Twp., Highland Co. Floyd Bartley and Leslie L. Pontius.
- 1400.1. *Xolisma ligustrina* (L.) Britt. Xolisma. "Growing in a swamp." Liberty Twp., Ross Co. Floyd Bartley and Leslie L. Pontius.
1404. *Uva-ursi uva-ursi* (L.) Britt. Bearberry. Beach at Ashtabula, Ashtabula Co. L. E. Hicks.
1424. *Gilia rubra* (L.) Heller. Standing-cypress. Woodville, Sandusky Co. E. L. Moseley.
1464. *Gentiana quinquefolia* L. Stiff Gentian. Banks of Deer Creek, Williamsport, Pickaway Co. L. M. Shupe. South Branch of Captina Creek, Somerton, Belmont Co. Emma E. Laughlin.
1465. *Gentiana crinita* Froel. Fringed Gentian. Hocking Twp., Fairfield Co. and Williamsport, Pickaway Co. L. M. Shupe. Union Twp., Logan Co. E. N. Transeau.
1490. *Asclepias variegata* L. White Milkweed. Liberty Twp., Jackson Co. Floyd Bartley and Leslie L. Pontius.
1494. *Gonolobus laevis* Mx. Sandvine. Pickerington, Fairfield Co. DeWitt C. Miller.
1573. *Orobanche ludoviciana* Nutt. Louisiana Broom-rape. On *Ambrosia trifida*, banks of Ohio River, Neville, Clermont Co. John H. Schaffner. On cultivated tobacco, same locality. H. M. Taylor and A. L. Pierstorff.
1580. *Martynia louisiana* Mill. Unicorn-plant. "A common weed in a large cucumber patch." Hillsboro, Highland Co. Katie M. Roads.
1732. *Conium maculatum* L. Poison-hemlock. Condit, Delaware Co. L. E. Hicks.
1747. *Cornus rugosa* Lam. Roundleaf Dogwood. Conneaut River, Ashtabula Co. L. E. Hicks.
- 1778.1. *Viburnum venosum* Britt. Veiny Arrow-wood. Coal Twp., Jackson Co. Leslie L. Pontius and Floyd Bartley.
1793. *Lonicera xylosium* L. European Fly Honeysuckle. Kingsville, Ashtabula Co. L. E. Hicks.
1817. *Lobelia puberula* Mx. Downy Lobelia. Liberty Twp., Jackson Co. Floyd Bartley and Leslie L. Pontius.

- 1834.1. *Rudbeckia umbrosa* Boynt. & Bead. Woodland Cone-flower. "In damp woods." Brush Creek Twp., Highland Co. Leslie L. Pontius and Floyd Bartley.
1850. *Helianthus trachelifolius* Mill. Throatwort Sunflower. Conneaut, Ashtabula Co. L. E. Hicks.
1883. *Parthenium hysterophorus* L. Parthenium. Hamilton, Butler Co. D. T. Herrman.
1903. *Chrysopsis mariana* (L.) Ell. Maryland Golden-aster. McArthur, Vinton Co. Leslie L. Pontius and Floyd Bartley.
1904. *Solidago squarrosa* Muhl. Stout Goldenrod. Washington Twp., Scioto Co. Conrad Roth.
1927. *Bellis perennis* L. European Daisy. "In lawn." Columbus, Franklin Co. E. S. Thomas.
- 1931.1. *Aster schreberi* Nees. Schreber's Aster. Conneaut, Ashtabula Co. L. E. Hicks. Brush Creek Twp., Highland Co. Floyd Bartley and Leslie L. Pontius. Oberlin, Lorain Co. F. O. Grover.
1941. *Aster patens* Ait. Late Purple Aster. Liberty Twp., Jackson Co. Floyd Bartley and Leslie L. Pontius.
- 1947.1. *Aster concinnus* Willd. Narrowleaf Smooth Aster. Brush Creek Twp., Highland Co. "Limestone cliff." Floyd Bartley and Leslie L. Pontius.
1953. *Aster dumosus* L. Bushy Aster. Catawba Island, Ottawa Co. R. B. Gordon.
1967. *Ionactis linariifolius* (L.) Greene. Stiffleaf Aster. Liberty Twp., Jackson Co. Also in Coal Twp. Floyd Bartley and Leslie L. Pontius.
1983. *Laciniaria spicata* (L.) Ktz. Dense Blazing-star. Hocking Twp., Fairfield Co. L. M. Shupe.
1991. *Anthemis arvensis* L. Field Dog-fennel. Hillsboro, Highland Co. Katie M. Roads.
2004. *Artemisia vulgaris* L. Common Mugwort. Buchtel, Athens Co. Len. Stephenson.
2005. *Artemisia pontica* L. Roman Wormwood. Rock Creek, Ashtabula Co. L. E. Hicks.
- 2019.2. *Carduus crispus* L. Curled Plumeless Thistle. "Growing in pasture field." Pickaway Twp., Pickaway Co. Floyd Bartley and Leslie L. Pontius.
- 2028.1. *Centaurea maculosa* Lam. Spotted Star-thistle. Rock Mill, Fayette Co. "Abundant in a pasture field." Floyd Bartley and Leslie L. Pontius.
- 2035.3. *Apargia autumnale* (L.) Hoffm. Fall Hawkbit. Trumbull, Ashtabula Co. L. E. Hicks.
2039. *Sonchus arvensis* L. Field Sow-thistle. Beach at Ashtabula, Ashtabula Co. L. E. Hicks.
- 2051.1. *Nabalus trifoliolatus* Cass. Tall Rattlesnake-root. Conneaut Harbor, Ashtabula Co. L. E. Hicks.
- 2061.1. *Hieracium florentinum* All. King-devil. Conneaut, Ashtabula Co. From Europe. L. E. Hicks.
- 2062.1. *Hieracium pratense* Tausch. Field Hawkweed. Williamsfield Twp., Ashtabula Co. L. E. Hicks.

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