

ADDITIONS TO THE CATALOG OF OHIO VASCULAR PLANTS FOR 1925*

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Many rare plants have been added to the State Herbarium of the Ohio State University during the past year, establishing new records and extending the known ranges of various species in the state. The names of the several contributors are given in connection with each record. Through the kindness of Dr. L. B. Robinson, Curator of the Gray Herbarium of Harvard University, 15 records are published of species and varieties represented in the Gray Herbarium. It is interesting to note that some of these plants were collected by Wm. S. Sullivant, the most prominent of the early botanists of Ohio.

Those who are interested in the correct phylogeny of our plants and the proper arrangement of the species in series will find the recent papers on the Chicory family and Carrot family of value, published in this Journal by Nellie F. Henderson.

25. *Asplenium ruta-muraria* L. Wall-rue Spleenwort. "At top of limestone Cliff." Cedar Falls, Adams Co. Mrs. Bayard Taylor.
55. *Equisetum silvaticum* L. Wood Horsetail. Ravenna, Portage Co. Raymond Dobbins.
60. *Lycopodium inundatum* L. Bog Club-moss. "Sand-pit." Holland, Lucas Co. E. L. Moseley.
65. *Selaginella apus* (L.) Spreng. Creeping Selaginella. On hillside marsh with Sphagnum, among grasses. White's Gulch, Liberty Twp., Jackson Co. Bedford Twp., and near Pomeroy, Meigs Co. Mrs. Bayard Taylor.
- 65.1. *Picea abies* (L.) Karst. Norway Spruce. "Naturalized from trees planted about 70 years ago. Trees of all ages from seedlings to about 50 years old are growing and forming a natural forest extending a third of a mile or more." On Phelps Creek, Huntsburg Twp., Geauga Co., near Ashtabula Co. line. Mrs. Bayard Taylor.
68. *Pinus strobus* L. White Pine. "Escaped along roadside 6 miles west of Buena Vista, in Green Twp., Adams

*Papers from the Department of Botany, The Ohio State University, No. 169.

- Co. About 75 trees covering about three acres of very poor hillside soil. Trees vary in size from 4 in. to 12 in. in diameter and have a very thrifty appearance." Conrad Roth.
69. *Pinus rigida* Mill. Pitch Pine. "On south-west side of hill." Buchtel, Athens Co. Len Stephenson.
71. *Pinus echinata* Mill. Short-leaf Yellow Pine. Many trees on south-west exposure. Two miles southwest of Sugar Grove, Fairfield Co. John H. Schaffner. Also "on southwest side of hill." Buchtel, Athens Co. Len Stephenson.
76. *Taxus canadensis* Marsh. American Yew. "Under naturalized *Picea abies* (L.) Karst. Huntsburg Twp., Geauga Co. Near Ashtabula Co. line. Mrs. Bayard Taylor.
81. *Sagittaria graminea* Mx. Grassleaf Arrow-head. Spencer Twp., Lucas Co. E. L. Moseley.
- 140a. *Cyperus filiculmis macilentus* Fern. Cleveland, Cuyahoga Co. (Greenman). In Gray Herbarium.
143. *Cyperus flavescens* L. Yellow Cyperus. Spencer Twp., Lucas Co. E. L. Moseley.
146. *Kyllinga pumila* Mx. Low Kyllinga. Lucas Co. E. L. Moseley.
155. *Eleocharis tenuis* (Willd.) Schultes. Slender Spike-rush. Marshall Twp., Highland Co. Katie M. Roads.
159. *Fimbristylis autumnalis* (L.) R. & S. Slender Fimbristylis. Holland, Lucas Co. E. L. Moseley.
175. *Rynchospora capillacea* Torr. Capillary Beaked-rush. "Prairie patches." Turkey Creek, Adams Co. E. Lucy Braun.
177. *Rynchospora glomerata* (L.) Vahl. Clustered Beak-rush. Glengary Club grounds. Springfield Twp., Lucas Co. E. L. Moseley.
180. *Scleria pauciflora* Muhl. Papillose Nut-rush. Glengary Club grounds, Springfield Twp., Lucas Co. E. L. Moseley.
- 180a. *Scleria pauciflora caroliniana* (Willd.) Wood. Milan, Erie Co. (Moseley). In Gray Herbarium.
186. *Carex muricata* L. Lesser Prickly Sedge. Swanton, Fulton Co. E. L. Moseley.
195. *Carex diandra* Schr. Lesser Panicked Sedge. Castalia, Erie Co. E. L. Moseley.

- 241a. *Carex laxiflora patulifolia* (Dew.) Carey. Columbus, Franklin Co. (Gleason). Cleveland, Cuyahoga Co. (Beardslee). In Gray Herbarium.
- 276a. *Carex oederi pumila* (Coss. & Germ.) Fern. Castalia prairie, Erie Co. (Moseley). In Gray Herbarium.
291. *Carex typhina* Mx. Cat-tail Sedge. "Woods north of Nevada," Wyandot Co. E. L. Moseley.
298. *Bromus hordeaceus* L. Soft Chess. "Prairie patch." Turkey Creek, Adams Co. E. Lucy Braun.
- 300.1. *Bromus commutatus* Schrad. In Hillsboro and in Washington Twp., Highland Co. Katie M. Roads.
- 310.1. *Festuca obtusa* Spring. Blunt-glumed Fescue-grass. "Common in two woods in Washington Twp.," Highland Co. Katie M. Roads.
- 310.2. *Festuca rubra* L. Red Fescue-grass. Hillsboro, Highland Co. Katie M. Roads.
316. *Panicularia septentrionalis* (Hitchc.) Bickn. American Floating Manna-grass. Substitute this name for *P. fluitans* (L.) Ktz. and add to the record of distribution: "In pond, sweet gum-pin oak woods." Between White Oak and Sardinia, Brown Co. E. Lucy Braun.
- 321.1. *Uniola latifolia* Mx. Broad-leaf Spike-grass. On lower part of Ohio river bluff. Coal Grove, Lawrence Co. John H. Schaffner.
328. *Poa autumnalis* Muhl. Flexuous Spear-grass. In a wood near Hillsboro, Highland Co. Katie M. Roads.
334. *Eragrostis pectinacea* (Mx.) Steud. Purple Love-grass. Hillsboro, Highland Co. Katie M. Roads.
344. *Koeleria cristata* (L.) Pers. Crested Koeler-grass. Two miles north of Whitehouse, Lucas Co. E. L. Moseley.
347. *Triplasis purpurea* (Walt.) Chapm. Purple Sand-grass. Marblehead peninsula, Ottawa Co. E. L. Moseley.
351. *Danthonia compressa* Aust. Flattened Wild-oat-grass. Near Hillsboro, Highland Co. Katie M. Roads.
364. *Agropyron caninum* (L.) R. & S. Awned Wheat-grass. Two miles north of Whitehouse, Lucas Co. E. L. Moseley.
375. *Hordeum jubatum* L. Squirrel-tail Barley. This grass was seen on a trip through northwestern Ohio around Kenton, Hardin Co.; Lima, Allen Co.; Van Wert, Van Wert Co.; Paulding and Antwerp, Paulding Co.; Hicksville, Defiance Co.; and Bryan and Montpelier, Williams Co. John H. Schaffner.

378. *Capriola dactylon* (L.) Ktz. Bermuda-grass. "Well established on grassy slope, University of Cincinnati Campus." Cincinnati, Hamilton Co. E. Lucy Braun.
383. *Sporobolus asper* (Mx.) Kunth. Longleaf Rush-grass. Along New York Central R. R., Spencer Twp., Lucas Co. E. L. Moseley.
385. *Sporobolus neglectus* Nash. Small Rush-grass. "Prairie patches." Turkey Creek, Adams Co. E. Lucy Braun.
402. *Muhlenbergia racemosa* (Mx.) B. S. P. Marsh Muhlenbergia. Whitehouse, Lucas Co. E. L. Moseley.
409. *Stipa spartea* Trin. Porcupine-grass. North of Whitehouse, Lucas Co. E. L. Moseley.
419. *Panicum agrostoides* Spreng. Agrostis-like Panic-grass. Swanton Twp., Lucas Co. "Abundant in a low meadow." E. L. Moseley.
427. *Panicum philadelphicum* Bernh. Philadelphia Panic-grass. "Marly soil." Turkey Creek, Adams Co. E. Lucy Braun.
436. *Panicum boreale* Nash. Northern Panic-grass. Whitehouse, Lucas Co. E. L. Moseley.
446. *Panicum commutatum* Schultes. Variable Panic-grass. Washington Twp., Highland Co. Katie M. Roads.
452. *Syntherisma ischaemum* (Schreb.) Nash. Small Crab-grass. Along roadside. Haverhill, Scioto Co. John H. Schaffner.
- 456.1. *Paspalum circulare* Nash. Round-flowered Paspalum. Portsmouth, Scioto Co. Conrad Roth. Also at Coal Grove, Lawrence Co. John H. Schaffner.
- 481.1. *Hemerocallis flava* L. Yellow Day-lily. "On the roadside" near Hillsboro, Highland Co. Katie M. Roads.
- ✓ 481.2. *Nothoscordum bivalve* (L.) Britt. Yellow False-garlic. Springfield, Clark Co. (Sullivant, Samples). In Gray Herbarium.
484. *Allium cepa* L. Common Onion. Escaped along roadside. South Charleston, Clark Co. John H. Schaffner.
498. *Stenanthium robustum* Wats. Stout Stenanthium. "In swampy soil." White's Gulch, Liberty Twp., Jackson Co. Mrs. Bayard Taylor.
499. *Chamaelirium luteum* (L.) Gr. Chamaelirium. "On hillside." White's Gulch, Liberty Twp., Jackson Co. Mrs. Bayard Taylor.

500. *Triantha glutinosa* (Mx.) Baker. Glutinous Triantha. "Along New York Central R. R. ditch." Swanton Twp., Lucas Co. E. L. Moseley.
504. *Trillium declinatum* (Gr.) Gleason. Drooping Trillium. Maroon-flowered variety. Fort Hill, Highland Co. Katie M. Roads.
530. *Tradescantia reflexa* Raf. Reflexed Spiderwort. White's Gulch, Liberty Twp., Jackson Co. Mrs. Bayard Taylor.
544. *Juncus articulatus* L. Jointed Rush. Neapolis, Lucas Co. E. L. Moseley.
550. *Juncus scirpoides* Lam. Scirpus-like Rush. Whitehouse, Lucas Co. E. L. Moseley.
- 552.1. *Juncoides bulbosum* (Wood) Small. Bulb-bearing Woodrush. "Rather common in a wood" in Washington Twp., Highland Co. Katie M. Roads.
553. *Xyris flexuosa* Muhl. Slender Yellow-eyed-grass. Two miles north of Whitehouse, Lucas Co. E. L. Moseley.
- 557.1. *Iris germanica* L. Common Iris. Beside a swampy place containing Cat-tails in a grassy meadow. Spontaneous, either from seed or rhizomes. Near Columbus, Franklin Co. John H. Schaffner.
- 557.2. *Iris hexagona* Walt. Southern Blue-flag. Toledo, Lucas Co. (Young). In Gray Herbarium.
564. *Cypripedium reginae* Walt. Showy Lady's-slipper. Glen-gary Club grounds, Springfield Twp., Lucas Co. E. L. Moseley.
575. *Blephariglottis ciliaris* (L.) Rydb. Yellow Fringed-orchis. Two miles north of Whitehouse, Lucas Co. E. L. Moseley.
596. *Liparis loeselii* (L.) Rich. Fen Twayblade. "Sand pit," Holland, Lucas Co. E. L. Moseley.
600. *Corallorrhiza maculata* Raf. Large Coral-root. "In a beech wood," Washington Twp., Highland Co. Katie M. Roads.
601. *Corallorrhiza wisteriana* Conrad. Wister's Coral-root. Washington Twp., Highland Co. Katie M. Roads.
602. *Corallorrhiza odontorhiza* (Willd.) Nutt. Small-flowered Coral-root. Marshall Twp., Highland Co. Katie M. Roads.
604. *Magnolia tripetala* L. Umbrella Magnolia. White's Gulch, Liberty Twp., Jackson Co. "Abundant in the locality in the bottom and on talus slopes." Mrs. Bayard Taylor.

614. *Ranunculus repens* L. Creeping Buttercup. "Rare, the patch from which this plant was taken has maintained itself through several rotations of crops, but has not spread very much." Tyler Farm, Perry, Lake Co. F. J. Tyler.
618. *Ranunculus arvensis* L. Corn Crowfoot. Columbus, Franklin Co. "Introduce with packing material," (W. C. Werner). In Gray Herbarium.
619. *Ranunculus obtusiusculus* Raf. Lance-leaf Buttercup. "Shallow pools, pin oak woods." Between White Oak and Sardinia, Brown Co. E. Lucy Braun.
632. *Delphinium exaltatum* Ait. Fall Larkspur. "Prairie patches." Turkey Creek, Adams Co. E. Lucy Braun.
- 669.1. *Eschscholtzia californica* Cham. California Poppy. Spontaneous after cultivation and seeding abundantly. Columbus, Franklin Co. John H. Schaffner.
687. *Camelina sativa* (L.) Crantz. Common False-flax. "Cultivated fields." Perry, Lake Co. F. J. Tyler.
703. *Thlaspi arvense* L. Field Penny-cress. Columbus, Franklin Co. "First collected in the locality in 1918, persistent ever since." C. J. Willard.
719. *Barbarea verna* (Mill.) Aschers. Early Winter-cress. Portsmouth, Scioto Co. Conrad Roth.
733. *Cardamine rotundifolia* Mx. Roundleaf Bitter-cress. Ironton, Lawrence Co. Lillian E. Humphrey.
- 742.2. *Lunaria annua* L. Common Honesty. "Spreading from cultivation." Westerville, Franklin Co. W. H. Camp.
775. *Linum virginianum* L. Virginia Flax. Two miles north of Whitehouse, Lucas Co. E. L. Moseley.
809. *Chamaesyce rafinesqui* (Greene) Small. (Euphorbia hirsuta (Torr.) Wieg.). Hairy Spurge. Perkins, Erie Co. (Moseley), Painesville, Lake Co. (W. C. Werner). In Gray Herbarium. Holland, Lucas Co. E. L. Moseley.
817. *Malva sylvestris* L. High Mallow. Buchtel, Athens Co. Len Stephenson.
824. *Althaea rosea* L. Hollyhock. "General escape in waste places and along roadsides." Washington Twp., Highland Co. Katie M. Roads.
- 828.1. *Hibiscus syriaca* L. Shrubby Hibiscus. "Propagates itself readily from seed along streets and in waste places" near Hillsboro, Highland Co. Katie M. Roads.

836. *Hypericum kalmianum* L. Kalm's St. John's-wort. Neapolis, Lucas Co. E. L. Moseley.
846. *Hypericum majus* (Gr.) Britt. Large Canadian St. John's-wort. Neapolis, Lucas Co. E. L. Moseley.
848. *Hypericum drummondii* (Grev. & Hook.) T. & G. Drummond's St. John's-wort. "In a meadow." Fort Ancient, Warren Co.; Hillsboro, Highland Co. Katie M. Roads.
849. *Sarothra gentianoides* L. Orange-grass. "In a pasture lot." Hillsboro, Highland Co. Katie M. Roads. Buchtel, Athens Co. Len Stephenson.
850. *Triadenum virginicum* (L.) Raf. Marsh St. John's-wort. Morgan Swamp, Ashtabula Co. H. C. Beardslee and F. J. Tyler.
858. *Lechea leggettii* Britt & Holl. Spencer Twp., Lucas Co. E. L. Moseley.
- 858.1. *Lechea intermedia* Legg. Large-podded Pinweed. Spencer Twp., Lucas Co. E. L. Moseley.
873. *Viola pallens* (Banks) Brain. Woodland White Violet. Delaware Co. Rufus Crane.
875. *Viola affinis* Le Conte. Thinleaf-Blue Violet. "Swamp woods," Delaware Co. Rufus Crane. The annotation, "General and abundant," in the catalog is a printer's mistake. The above specimen is the only one in the herbarium at present.
884. *Viola sagittata* Ait. Arrowleaf violet. Portsmouth, Scioto Co. Conrad Roth.
912. *Silene latifolia* (Mill.) Britt. & Rend. Bladder Campion. On banks of Taylorsville Conservancy dam, Montgomery Co. John H. Schaffner.
- 912.1. *Silene cserei* Baumg. (*S. fabaria* Sibth. & Son.). Balkan Campion. "Collected on Erie Dump about 2 miles west of Phalanx station. Evidently established." Phalanx, Trumbull Co. From Southeastern Europe. Almon N. Rood.
920. *Silene caroliniana* Walt. Carolina Catchfly. "In a cleft on a hillside at Fort Hill," Highland Co. Katie M. Roads.
955. *Chenopodium boscianum* Moq. Bosc's Goosefoot. New Philadelphia, Tuscarawas Co. V. Sterki.
963. *Kochia scoparia* (L.) Roth. Mock-cypress. Abundantly spontaneous in a field after cultivation. Columbus, Franklin Co. John H. Schaffner.

980. *Tracaulon arifolium* (L.) Raf. Halberd-leaf Tear-thum. "Very abundant in the artificial ditches at Fort Ancient," Warren Co. Katie M. Roads.
983. *Persicaria amphibia* (L.) S. F. Gr. Water Persicaria. "Railroad bank north of Carey," Wyandot Co. E. L. Moseley.
995. *Polygonum buxiforme* Small. Shore Knotweed. Hillsboro, Highland Co. Katie M. Roads.
998. *Polygonum tenue* Mx. Slender Knotweed. Two miles north of Whitehouse, Lucas Co. E. L. Moseley.
- 1039.1. *Rosa rugosa* Thunb. Japanese Rose. "Escaped from cultivation." Beach of Lake Erie. Perry, Lake Co. F. J. Tyler.
- 1040.1. *Rosa canina* L. Dog Rose. From Europe. Escaped near Westerville, Franklin Co. W. H. Camp.
1090. *Prunus cuneata* Raf. Appalachian Cherry. North of Whitehouse, Lucas Co. E. L. Moseley.
1098. *Chamaecrista nictitans* (L.) Moench. Sensitive-pea. Buchtel, Athens Co. Len Stephenson and John H. Schaffner.
1131. *Robinia viscosa* Vent. Claminy Locust. Buchtel, Athens Co. Len Stephenson and John H. Schaffner.
- 1131.1. *Robinia hispida* L. Rose Acacia. Escaped from cultivation. Buchtel, Athens Co. Len Stephenson and John H. Schaffner.
1138. *Meibomia pauciflora* (Nutt.) Ktz. Few-flowered Tick-trefoil. Washington Twp., Highland Co. Katie M. Roads.
- 1138.1. *Meibomia arenicola* Vail. (*Desmodium lineatum* (Mx.). D.C. Sand Tick-trefoil. Perkins, Erie Co. (Moseley). In Gray Herbarium. Prof. Moseley has found it recently north of Holland, Lucas Co.
1149. *Meibomia marylandica* (L.) Ktz. Maryland Tick-trefoil. Springfield Twp., Lucas Co. E. L. Moseley.
1150. *Meibomia obtusa* (Muhl.) Vail. Ciliate Tick-trefoil. Glengary Club grounds, Springfield Twp., Lucas Co. E. L. Moseley.
1153. *Lespedeza nuttallii* Darl. Nuttall's Bush-clover. "Clearings and shale slopes." Turkey Creek, Adams Co. E. Lucy Braun.
1157. *Lespedeza virginica* (L.) Britt. Slender Bush-clover. On clearings and shale slopes." Mineral Springs, Adams

- Co. E. Lucy Braun. Also Chesapeake, Lawrence Co.
R. B. Gordon.
1158. *Lespedeza simulata* Mack. & Bush. Intermediate Bush-clover. Castalia, Erie Co. (Moseley). In Gray Herbarium.
- 1161.1. *Vicia villosa* Roth. Hairy Vetch. Appears to be quite generally escaped in the state and is persistent in fields after cultivation. A weed in wheatfields.
- 1173.1. *Lathyrus latifolius* L. Everlasting Pea. "Escaped from cultivation along roadsides." Hillsboro, Highland Co. Katie M. Roads.
- 1173.2. *Clitoria mariana* L. Butterfly-pea. White's Gulch, Liberty Twp., Jackson Co. "On sandy banks under pine trees." Mrs. Bayard Taylor.
1199. *Parsonsia petiolata* (L.) Rusby. Blue Waxweed. "Creek bottom." Perry, Lake Co. F. J. Tyler.
1200. *Rhexia virginica* L. Virginia Meadow-beauty. Blue Creek, Adams Co. Conrad Roth.
1286. *Alnus incana* (L.) Wild. Hoary Alder. In swampy place. Loudonville, Ashland Co. Cedar Swamp, Champaign Co. John H. Schaffner. Also Western part of Lucas Co. E. L. Moseley.
1338. *Epilobium lineare* Muhl. Linear-leaf Willow-herb. Morgan Swamp, 5 miles east of Hartsgrove, Ashtabula Co. H. C. Beardslee and F. J. Tyler.
1342. *Convolvulus spithameus* L. Upright Bindweed. Ironton, Lawrence Co. Lillian E. Humphrey.
1344. *Raimannia laciniata* (Hill.) Rose. Cutleaf Evening-primrose. Whitehouse, Lucas Co. E. L. Moseley.
- 1357.1. *Cucurbita lagenaria* L. Bottle Gourd. "Accidental along road," Hillsboro, Highland Co. Katie M. Roads.
1376. *Steironema lanceolatum* (Walt.) Gr. Lanseleaf Yellow Loosestrife. North of Whitehouse, Lucas Co. E. L. Moseley.
1395. *Azalea lutea* L. Flame Azalea. Ironton, Lawrence Co. Lillian E. Humphrey.
1401. *Oxydendrum arboreum* (L.) DC. Sorrel-tree. Buchtel, Athens Co. Len Stephenson.

STYRACACEÆ. Storax Family.

- 1415.1. *Styrax grandifolia* Ait. Large-leaf Storax. "On the crest of the north end of a high ridge, near 'Buffalo Beat,' on an outcropping ledge of limestone." Buchtel, Athens Co. Len Stephenson.
1455. *Chionanthus virginica* L. Fringetree. Liberty Twp., Jackson Co. Mrs. Bayard Taylor.
1464. *Gentiana quinquefolia* L. Stiff Gentian. Cedar Falls, Adams Co. Mrs. Bayard Taylor.
1465. *Gentiana crinita* Froel. Fringed Gentian. Grand River Valley, Madison, Lake Co. H. C. Beardslee and F. J. Tyler.
1470. *Gentiana villosa* L. Striped Gentian. "Open woods." Cedar Falls, Adams Co. Mrs. Bayard Taylor.
1472. *Obolaria virginica* L. Pennywort. Near Hillsboro, Highland Co. Katie M. Roads.
1481. *Acerates floridana* (Lam.) Hitch. Florida Milkweed. On hillsides, Buchtel, Athens Co. Len Stephenson. Also Whitehouse, Lucas Co. E. L. Moseley.
- 1481.1. *Asclepiodora viridis* (Walt.) Gr. Oblong-leaf Green Milkweed. Cedar Mills, Adams Co. Conrad Roth.
1484. *Asclepias purpurascens* L. Purple Milkweed. Sugar Grove, Fairfield Co. On open hillside. John H. Schaffner. Also Minford, Scioto Co. Conrad Roth.
1488. *Asclepias amplexicaulis* J. E. Sm. Blunt-leaf Milkweed. Sandy Springs, Adams Co. Conrad Roth.
- 1500a. *Datura stramonium* L. Jimson-weed. Purple-stemmed variety. General in the state.
- 1500b. *Datura stramonium* L. Jimson-weed. Smooth-podded variety. Escaped from cultivation. Columbus, Franklin Co. John H. Schaffner.
1529. *Conobea multifida* (Mx.) Benth. Conobea. "On limestone." Greenbrier District, Adams Co. Conrad Roth.
1555. *Dasystema virginica* (L.) Britt. Smooth False Foxglove. "Openings, pin oak woods." Westboro, Clinton Co. E. Lucy Braun.
1561. *Castilleja coccinea* (L.) Spreng. Scarlet Painted-cup. "Meadows and thickets, along streams." Turkey Creek, Adams Co. E. Lucy Braun. Greenbrier District, Adams Co. Conrad Roth.

1568. *Chaenorrhinum minus* (L.) Lange. Lesser Toadflax. "Railroad tracks," Westboro, Clinton Co. E. Lucy Braun. Also north of Carey, Wyandot Co. E. L. Moseley and V. F. Alspach. Also Perry, Lake Co. F. J. Tyler.
1570. *Kickxia elatine* (L.) Dum. Sharp-pointed Toadflax. Chesapeake, Lawrence Co. R. B. Gordon.
- 1597.1. *Myosotis micrantha* Pallas. Small-flowered Forget-me-not. Naturalized from Europe. Ashtabula, Ashtabula Co. (Sara F. Goodrich, no. 552). In Gray Herbarium.
1607. *Echium vulgare* L. Blueweed. Abundant in pastures and along roads. South Charleston, Clark Co. John H. Schaffner.
1627. *Scutellaria integrifolia* L. Hyssop Skullcap. Portsmouth, Scioto Co. Conrad Roth.
- 1641.1. *Koellia leptodon* (Gr.) Small. (*Pycnanthemum leptodon* Gr.). Springfield, Clark Co. (Sullivant). In Gray Herbarium. ✓
1653. *Mentha citrata* Ehrh. Bergamot Mint. Buchtel, Athens Co. Len Stephenson.
- 1669.1. *Leonurus marrubiastrum* L. Hoarhound Motherwort. "In fields." Naturalized from Europe. Milford, Clermont Co. E. Lucy Braun.
1681. *Monarda punctata* L. Horsemint. "Sandy soil." Bowling Green, Wood Co. E. L. Moseley.
1686. *Salvia lyrata* L. Lyreleaf Sage. White's Gulch, Liberty Twp., Jackson Co. Mrs. Bayard Taylor.
1698. *Aralia spinosa* L. Angelica-tree. Escaped from cultivation. Buchtel, Athens Co. Len Stephenson and John H. Schaffner.
1704. *Eryngium aquaticum* L. Rattlesnake-master. "Level, poorly drained fields." California, Hamilton Co. E. Lucy Braun.
- 1714.1. *Hipposelinum levisticum* (L.) Britt. Lovage. "Along a fence in a waste lot." Escaped from cultivation in Penn Twp., Highland Co. From S. Europe. Katie M. Roads.
- 1722.1. *Thaspium pinnatifidum* (Buckl.) Gr. Cutleaf Meadow-parsnip. "Lower slope of railroad embankment, level upland." Hamlet, Clermont Co. E. Lucy Braun.
1734. *Eulophus americanus* Nutt. Eastern Eulophus. Columbus, Franklin Co. (Sullivant). "Extremely rare". In Gray Herbarium. ✓

1735. *Pimpinella saxifraga* L. Pimpernel. Sycamore, Wyandot Co. (Rusby, 1878). In Gray Herbarium.
1753. *Houstonia ciliolata* Torr. Fringed Houstonia. Hillsboro, Highland Co. Katie M. Roads.
1760. *Diodia teres* Walt. Rough Buttonweed. Chesapeake, Lawrence Co. R. B. Gordon.
- 1776.1. *Viburnum molle* Mx. Soft-leaf Arrow-wood. "Beaver pond flat," Adams Co. E. Lucy Braun. In Herbarium, University of Cincinnati.
1794. *Lonicera japonica* Thunb. Japanese Honeysuckle. Escaped from cultivation and spreading at Buchtel, Athens Co. Len Stephenson and John H. Schaffner.
1800. *Lonicera dioica* L. Smooth-leaf Honeysuckle. Whitehouse, Lucas Co. E. L. Moseley.
1817. *Lobelia puberula* Mx. Downy Lobelia. Shawnee Forest Preserve, Union Twp., Scioto Co. Conrad Roth.
1834. *Rudbeckia fulgida* Ait. Orange Cone-flower. "Fields." Blanchester, Clinton Co. E. Lucy Braun.
- 1835a. *Rudbeckia speciosa* sullivanti (Boy. & Bead.) Rob. Columbus, Franklin Co. (Sullivant). In Gray Herbarium.
1840. *Helianthus occidentalis* Ridd. Fewleaf Sunflower. "Prairie ridge on Cedarville marl." Turkey Creek, Adams Co. E. Lucy Braun.
1857. *Phaethusa helianthoides* (Mx.) Britt. Sunflower Crown-beard. Washington Twp., Highland Co. Katie M. Roads.
1873. *Bidens aristosa* (Mx.) Britt. Western Tickseed. Springfield Twp., Lucas Co. E. L. Moseley.
1876. *Polymnia wedalia* L. Yellow Leaf-cup. "Apparently introduced into the locality recently." Two and one-half miles north of New Philadelphia, Tuscarawas Co. V. Sterki.
1886. *Helenium nudiflorum* Nutt. Purple-headed Sneezeweed. "Growing abundantly in an old pasture." Perry, Lake Co. F. J. Tyler.
1901. *Grindelia squarrosa* (Pursh) Dun. Broadleaf Gumplant. "Engle's pasture next to Wabash R. R." South of Swanton, Fulton Co. E. L. Moseley.
1903. *Chrysopsis mariana* (L.) Nutt. Maryland Golden-aster. Shawnee Forest Preserve, Union Twp., Scioto Co. Conrad Roth.

1909. *Solidago erecta* Pursh. Slender Goldenrod. Mineral Springs, Adams Co. E. Lucy Braun.
1922. *Solidago rigida* L. Stiff Goldenrod. "Prairie patches." Turkey Creek, Adams Co. E. Lucy Braun.
1929. *Sericocarpus linifolius* (L.) B. S. P. Narrowleaf White-top Aster. "Oak-blueberry association. Sandy ridge." Peach Mt., Adams Co. E. Lucy Braun.
1934. *Aster azureus* Lindl. Azure Aster. "Steep clay bluffs, prairie openings." Miami-ville, Clermont Co. E. Lucy Braun.
1941. *Aster patens* Ait. Late Purple Aster. Portsmouth, Scioto Co. Conrad Roth.
1948. *Aster junceus* Ait. Rush Aster. Lucas Co. E. L. Moseley.
1951. *Aster vimineus* Lam. Small White Aster. Buchtel, Athens Co. Len Stephenson.
1957. *Aster faxoni* Porter. Faxon's Aster. Marblehead peninsula, Ottawa Co. E. L. Moseley.
- 1976.1. *Eupatorium incarnatum* Walt. Pink Thoroughwort. Chesapeake, Lawrence Co. R. B. Gordon.
1977. *Eupatorium coelestinum* L. Mist-flower. Along roadside, just below Chillicothe, Ross Co. John H. Schaffner.
1982. *Lacinaria scariosa* (L.) Hill. Large Blazing-star. "Prairie patches," Turkey Creek, Adams Co. E. Lucy Braun.
1987. *Vernonia missurica* Raf. Missouri Ironweed. Whitehouse, Lucas Co. E. L. Moseley.
- 2019.1. *Carduus acanthoides* L. Spiny Plumeless Thistle. Near Ashville, Pickaway Co. F. H. Parks. Also near Urbana, Champaign Co. D. D. Dowds.
- 2035.3. *Apargia autumnale* (L.) Hoffm. Autumnal Hawkbit. The plant is the Var. *pratensis*. Trumbull, Ashtabula Co. Collector, Earl Dodge. F. J. Tyler.
2039. *Sonchus arvensis* L. Field Sow-thistle. "Rare but widely distributed in the country. Usually growing in rich low ground near railroads." Tyler Farm, Perry, Lake Co. F. J. Tyler.
2046. *Lactuca sagittifolia* Hill. Arrow-leaf Lettuce. Hillsboro, Highland Co. and Fort Ancient, Warren Co. Katie M. Roads.

2054. *Nabalus crepidineus* (Mx.) DC. Corymbed Rattlesnake-root. On Little Darby Creek, South of National Road, Madison Co. R. B. Gordon.
2064. *Crepis capillaris* (L.) Wallr. Smooth Hawksbeard. "Lawns in Perry Village." Perry, Lake Co. F. J. Tyler.