

QK
183
T476
1989
BOT

SMITHSONIAN
LIBRARIES





NOTES ON THE DISTRIBUTION OF PENNSYLVANIA PLANTS
BASED ON SPECIMENS IN THE
CARNEGIE MUSEUM OF NATURAL HISTORY HERBARIUM

SUE A. THOMPSON

Collection Manager, Section of Botany

W. E. BUKER

Research Associate, Section of Botany

MYRTA MACDONALD

Sewickley Academy, Sewickley, Pennsylvania 15143

CARNEGIE MUSEUM OF NATURAL HISTORY

SPECIAL PUBLICATION NO. 14

Pittsburgh, 1989

183
T-276
1979
1989

NOTES ON THE DISTRIBUTION OF PENNSYLVANIA PLANTS
BASED ON SPECIMENS IN THE
CARNEGIE MUSEUM OF NATURAL HISTORY HERBARIUM



SUE A. THOMPSON
Collection Manager, Section of Botany

W. E. BUKER
Research Associate, Section of Botany

MYRTA MACDONALD
Sewickley Academy, Sewickley, Pennsylvania 15143

CARNEGIE MUSEUM OF NATURAL HISTORY

SPECIAL PUBLICATION NO. 14

Pittsburgh, 1989

CARNEGIE MUSEUM OF NATURAL HISTORY SPECIAL PUBLICATION
Number 14, pages 3-55

Issued 31 March, 1989

Price \$10.00 a copy

James E. King, *Director*

Editorial Staff: John L. Carter, *Editor*; Leonard Krishtalka, *Editor*;
Mary Ann Schmidt, *Editorial Assistant*.

SPECIAL PUBLICATIONS OF CARNEGIE MUSEUM OF NATURAL HISTORY
are published at irregular intervals by
The Carnegie Museum of Natural History
4400 Forbes Avenue, Pittsburgh, Pennsylvania 15213
by the authority of the Board of Trustees of Carnegie Institute.

Copyright 1989 by the Trustees of Carnegie Institute, all rights reserved.



THE CARNEGIE
MUSEUM OF
NATURAL HISTORY

ABSTRACT

The herbarium of Carnegie Museum of Natural History (CM) was surveyed for new data on the distribution of Pennsylvania plants. This new information, reported on a county basis, involves over 1200 taxa in 120 plant families. Seventy-six of these taxa are presently considered to be endangered, rare, or otherwise of special concern in Pennsylvania. *Solidago curtisii*, which is officially listed as

extirpated in Pennsylvania, is reported here from localities in two counties. Eleven species in this paper were not included in the *Atlas of the Flora of Pennsylvania* (Wherry, et al., 1979), and four of these eleven species are also not listed in other Pennsylvania floristic works. These species are *Aster drummondii*, *Carex nebraskensis*, *Festuca arundinacea*, and *Scrophularia nodosa*.

INTRODUCTION

The *Atlas of the Flora of Pennsylvania* (Wherry, et al., 1979), which contains distribution maps for all species, is the only modern comprehensive treatment of the Pennsylvania flora. The authors of this work surveyed major herbaria in Pennsylvania, including Carnegie Museum of Natural History (CM), and their distribution maps are based on localities recorded from herbarium specimens. This atlas claims to be complete, stating that (pg. vii) "...when a particular species is not shown on our distribution maps, it may be reasonably supposed that it does not occur there..."

The inclusion of data from CM specimens in this work, however, was apparently discontinued

about ten years prior to its publication. During this period in the late 1960's and 1970's, botanists and collectors associated with CM, especially L. K. Henry (former Curator of the Section of Botany) and W. E. Buker, collected extensively in western Pennsylvania with the specific goal of filling in gaps in the distributional records of Pennsylvania plants.

Thus, much information on the ranges of plants in Pennsylvania remained unreported. The list presented here gives distributional records on a county basis, which were extracted by examining the approximately 200,000 plant specimens from Pennsylvania in the CM collection.

METHODS

All plant specimens in the CM herbarium were surveyed and compared against the known distributions of plant taxa in Pennsylvania as mapped in Wherry, et al. (1979). As a convenient unit, data were recorded for each county in which a given taxon had not been previously reported as occurring. These data were also compared with more recent literature on the flora of Pennsylvania (Boone, 1983; Henry, 1974, 1978; Henry and Buker, 1964a, 1964b; Henry, et al., 1975; Jolley, 1978; Knapich, 1986; Kunsman and Keener, 1986; Montgomery, 1983; Newbold, 1978; Newbold and Holt, 1986; Overlease, 1986; Pearth, 1966, 1975; Rhoads, 1985; Schuyler, 1979; Utech, 1980; Witherup and Medve, 1984).

The resulting list thus contains distributional data for Pennsylvania plants in the form of

occurrences in any county in which a given species had not been reported in published floristic works. For each county listed for each taxon, locality information, collector, and collector's number are cited. The locality data are abbreviated; mileage of two miles or less from a geographic place name and cardinal directions with no mileage specified were eliminated unless that information was critical in placing a locality within a particular county or within Pennsylvania. If the collector did not use collection numbers, which occurred for most specimens, the CM sheet number is cited in parentheses following the collector's name. In instances of more than one specimen from a county with no previous record in the literature for that taxon, one specimen is cited with collector data, and only locality

information is listed for other specimens.

The family sequence of this list generally follows that of Wherry, et al. (1979). Nomenclature follows the list produced for the Pennsylvania Flora Database project at Morris Arboretum (Rhoads and Fogarasi, no date); names used in Wherry, et al. (1979) appear in

brackets if they differ from that list. For those taxa which were not originally mapped in the Atlas, additional comments are also found in brackets following the taxon name. Taxa marked with an asterisk (*) appear on the most recent list of Plants of Special Concern in Pennsylvania (Pennsylvania Rare Plant Committee, 1988).

DISCUSSION AND SUMMARY

The following list contains much information on the distribution of the Pennsylvania flora, which previously was not readily available. Almost 2900 new county records are contained in this list involving over 1200 taxa in 120 plant families. As might be expected, large plant families which are well represented in the Pennsylvania flora have the highest number of taxa. New data are reported for 134 taxa of Asteraceae (11% of the total number of taxa), followed by Cyperaceae (8.5%), Poaceae (7.1%), Rosaceae (6.5%), Fabaceae (4.8%), and Lamiaceae (3.6%).

Data are included here for all counties in Pennsylvania, with the exception of Montgomery and Philadelphia counties, for which there were no specimens in CM of plants not already known to occur in those counties. However, most of the counties listed are in western Pennsylvania, which was for many years the focus of plant collecting efforts emanating from Carnegie Museum of Natural History. Counties with new data cited most often include Washington (6.2% of the total new county records), Lawrence (5.8%), Crawford (5.1%), Erie (4.8%), Warren (4.7%), Cameron (4.7%), Fayette (4.5%), and Beaver (4.2%).

Most of the data reported here is a direct result of fieldwork aimed specifically at documenting the flora of western Pennsylvania. Almost 35% of the specimens cited were collected by W. E. Buker, either alone or in conjunction with others, especially L. K. Henry. However, some of the additional county distributions have resulted from re-determinations of specimens examined by Wherry, Fogg, or Wahl during preparation of the Atlas, but which were misidentified at that time.

Seventy-six species in this list are considered to be endangered, rare, or otherwise of special concern in Pennsylvania (Pennsylvania Rare Plant Committee, 1988). Although distributional data for these taxa have been recorded for the Pennsylvania Natural Diversity Inventory, the information on these species reported here has not previously been made available to a wider scientific audience.

Eleven species cited here were not listed as occurring in Pennsylvania by Wherry, et al. (1979) and six of these are also not listed in Pennsylvania floristic works other than the unpublished list of Plants of Special Concern in Pennsylvania (Pennsylvania Rare Plant Committee, 1988) (Table 1). *Viola nephrophylla* and *Stachys nuttallii* are listed both as new county records and as plants of special concern. Four species are reported here apparently for the first time as occurring in Pennsylvania: *Aster drummondii*, *Carex nebraskensis*, *Festuca arundinacea*, and *Scrophularia nodosa*. The previous citation of *Solidago curtisii* in Pennsylvania (Henry, 1978) was based on a misidentified specimen. That species is officially listed as extirpated in Pennsylvania and the specimens in this list are the first accurate reports of its occurrence in the state.

Much of the data reported here concerns plants of more widespread distribution in Pennsylvania, and thus serves to provide specimen-based documentation for occurrences in areas where these taxa might have been expected to be found. Fifty-two species are now known from all Pennsylvania counties (Table 2).

Table 1.--Species in list presented here which were not mapped in Wherry, et al. (1979). Those marked with an asterisk (*) are also not listed in other published works on the Pennsylvania flora.

Family	Species
Polypodiaceae	<i>Cystopteris x laurentiana</i> (Weath.) Blasd.
Poaceae	* <i>Festuca arundinacea</i> Schreb.
Cyperaceae	* <i>Carex nebraskensis</i> Dewey
Lemnaceae	<i>Lemna turionifera</i> Landolt <i>Wolffia brasiliensis</i> Weddell
Violaceae	* <i>Viola nephrophylla</i> Greene
Lamiaceae	* <i>Stachys nuttallii</i> Shuttlew. ex Benth.
Schrophulariaceae	* <i>Scrophularia nodosa</i> L.
Asteraceae	* <i>Aster drummondii</i> Lindl. <i>A. praealtus</i> Poir. <i>Solidago curtisii</i> (Torr.) Gray

Table 2.--Species which occur in all Pennsylvania counties. Those marked with an asterisk (*) are based on records included in this list as well as other references in addition to Wherry, et al. (1979).

Family	Species
Equisetaceae	<i>Equisetum arvense</i> L.
Ophioglossaceae	<i>Botrychium virginianum</i> (L.) Sw.
Osmundaceae	<i>Osmunda cinnamomea</i> L. <i>O. claytoniana</i> L.
Polypodiaceae	<i>Adiantum pedatum</i> L. <i>Athyrium filix-femina</i> (L.) Roth var. <i>angustum</i> (Willd.) Lawson <i>Dennstaedtia punctilobula</i> (Michx.) T. Moore <i>Dryopteris intermedia</i> (Willd.) Gray <i>D. marginalis</i> (L.) Gray <i>Onoclea sensibilis</i> L. <i>Polypodium virginianum</i> L. <i>Polystichum acrostichoides</i> (Michx.) Schott <i>Pteridium aquilinum</i> (L.) Kuhn <i>Thelypteris noveboracensis</i> (L.) Nieuwl.
Pinaceae	<i>Tsuga canadensis</i> (L.) Carr.

Table 2. (cont.)

Family	Species
Poaceae	<i>Agrostis perennans</i> (Walt.) Tuckerm. * <i>Danthonia spicata</i> (L.) Beauv. ex R. & S. <i>Festuca pratensis</i> Huds. <i>Glyceria striata</i> (Lam.) A.S. Hitchc. <i>Dicanthelium acuminatum</i> (Sw.) Gould & Clark var. <i>fasciculatum</i> (Torr.) Freckman [<i>Panicum implicatum</i> Scribn.] <i>Phleum pratense</i> L. * <i>Poa compressa</i> L.
Betulaceae	* <i>Carpinus caroliniana</i> Walt.
Fagaceae	* <i>Quercus alba</i> L. * <i>Q. montana</i> Willd. [<i>Q. prinus</i> L.]
Polygonaceae	<i>Rumex acetosella</i> L.
Ranunculaceae	<i>Thalictrum pubescens</i> Pursh
Fabaceae	* <i>Mcilious alba</i> Desr. ex Lam.
Geraniaceae	* <i>Geranium maculatum</i> L.
Aceraceae	<i>Acer rubrum</i> L.
Balsaminaceae	<i>Impatiens capensis</i> Meerb.
Hypericaceae	* <i>Hypericum multum</i> L. * <i>H. perforatum</i> L.
Araliaceae	* <i>Aralia nudicaulis</i> L.
Ericaceae	* <i>Gaultheria procumbens</i> L.
Verbenaceae	<i>Verbena hastata</i> L.
Lamiaceae	<i>Lycopus americanus</i> Muhl. ex Bart. * <i>Prunella vulgaris</i> L. <i>Clinopodium vulgare</i> L. [<i>Satureja vulgaris</i> (L.) Fritsch var. <i>neogaea</i> Fern.]
Scrophulariaceae	* <i>Mimulus ringens</i> L. <i>Veronica officinalis</i> L.
Plantaginaceae	<i>Plantago lanceolata</i> L.
Rubiaceae	<i>Galium triflorum</i> Michx. * <i>Michella repens</i> L.
Caprifoliaceae	<i>Sambucus canadensis</i> L. <i>Viburnum acerifolium</i> L.
Asteraceae	<i>Achillea millefolium</i> L. * <i>Eupatorium rugosum</i> Houtt. * <i>Galinsoga quadriradiata</i> R. & P. <i>Hieracium caespitosum</i> Dumont [<i>H. pratense</i> Tausch] * <i>Solidago juncea</i> Ait. * <i>S. nemoralis</i> Ait.

LIST OF NEW COUNTY RECORDS

PTERIDOPHYTA

LYCOPODIACEAE

Lycopodium inundatum L. -- CAMERON: Piper to Medix Run [Baker (892)]; also Sinnemahoning-Piper.

Lycopodium lucidulum Michx. -- GREENE: 4 mi N of Ryerson [Baker & Leightner (896)].

Lycopodium obscurum L. var. *dendroideum* (Michx.) D.C. Eat. -- FULTON: Sideling Hill [Baker (1315)]; also Salem. MERCER: 5 mi SW of Sandy Lake [Henry & Erdman (1287)].

Lycopodium tristachyum Pursh -- FULTON: Sideling Hill [Baker (1438)]. GREENE: Mt. Morris [Henry & Beer (1437)]. LAWRENCE: Plain Grove [Baker (254184)].

OPHIOGLOSSACEAE

Ophioglossum pusillum Raf. [*O. vulgatum* L. var. *pseudopodium* (Blake) Farw.] -- BUTLER: Zelienople [Lochner (320242)]. CENTRE: Port Matilda [Harpster (202095)].

POLYPODIACEAE

Asplenium platyneuron (L.) B.S.P. -- WARREN: Akeley [Grisez (3540)].

Athyrium filix-femina (L.) Roth var. *asplenioides* (Michx.) Farn. [*A. asplenioides* (Michx.) Eat.] -- CAMERON: 3 mi N of Emporium [Henry & Baker (4077)]. WARREN: 4.3 mi S of Corydon [Henry (4045)].

Cystopteris bulbifera (L.) Bernh. -- CRAWFORD: 6 mi E of Cambridge Springs [Stull & Stull (4363)].

Cystopteris fragilis (L.) Bernh. -- CRAWFORD: Saegertown [Baker (4424)].

**Cystopteris x laurentiana* (Weath.) Blasd. [Species not listed in Wherry, et al. (1979), but cited in Henry and Baker (1964b) from Centre County (as *C. fragilis* var. *laurentiana*).] -- BUTLER: Portersville Station [Henry (4400)].

Cystopteris protrusa (Weath.) Blasd. -- JEFFERSON: Rathmel [Baker (4510)].

Diplazium pycnocarpon (Spreng.) Broun [*Athyrium pycnocarpon* (Spreng.) Tidestr.] -- CLINTON: 3 mi S of Renovo [Baker (2482)].

Dryopteris cristata (L.) Gray -- WASHINGTON: Bavington [Baker (4911)].

Dryopteris goldiana (Hook.) Gray -- BUTLER: Jennings Nature Reserve [Lochner (5032)]. WASHINGTON: Bavington [Baker (4984)]; also Buffalo Creek at PA 331.

Gymnocarpium dryopteris (L.) Newm. -- BUTLER: Bruin [Lochner (5988)]. CAMERON: 10 mi from Sinnemahoning [Baker (5987)]. FOREST: Endeavor [Leberman (5986)].

Matteuccia struthiopteris (L.) Todaro [*M. pensylvanica* (Willd.) Raym.] -- FOREST: Henrys Mills [Grisez 701].

Thelypteris hexagonoptera (Michx.) Weath. [*Phegopteris hexagonoptera* (Michx.) Fee] -- McKEAN: 10 mi NW of Marshburg [Baker (7182)]. POTTER: Clara [Jolley (202075)].

Thelypteris phegopteris (L.) Slosson [*P. connectilis* (Michx.) Watt] -- ARMSTRONG: Parkers Landing [Baker (7332)]. BEAVER: Wallace Run [Kennedy (7331)]. FAYETTE: Ohiopyle [Louden (7320)].

Woodwardia virginica (L.) Sm. -- FOREST: Marienville [Grisez 506].

SPERMATOPHYTA - GYMNOSPERMAE

PINACEAE

Abies balsamea (L.) P. Mill. -- CLEARFIELD: Olanta [Henry (7987)].

Larix laricina (DuRoi) K. Koch -- ERIE: Union City [Henry & Baker (8071)]; also Waterford. JEFFERSON: Sigel [Henry (8070)]. POTTER: Coudersport [Einer (8094)]; also headwaters of Allegheny River.

Picea abies (L.) Karst. -- CUMBERLAND: Pine Grove Furnace (cultivated) [White (cone collection)]. WESTMORELAND: Rector [Henry (cone collection)].

Picea rubens Sarg. -- BUTLER: Cooperstown ("probably planted") [Black (8119)]. McKEAN: Hazelhurst [Grisez 381].

Pinus banksiana Lamb. -- FULTON: Harrisonville [Henry & Baker (8135)].

Pinus resinosa Ait. -- BUTLER: 7 mi N of Butler [Henry (8178)].

Pinus rigida P. Mill. -- POTTER: Cross Fork and Windfall Run [Graham (8243)].

Pinus virginiana P. Mill. -- CAMBRIA: Johnstown [Jennings (8505)]. GREENE: Paisley [Henry & Buker (8512)]. POTTER: Austin [Eimer (8525)].

CUPRESSACEAE

Juniperus virginiana L. -- SOMERSET: Glencoe [Graham (8043)].

TAXACEAE

Taxus canadensis Marsh. -- VENANGO: 4 mi NW of Cooperstown [Henry (7937)]; also Scrubgrass Township; Utica.

SPERMATOPHYTA - ANGIOSPERMAE

TYPHACEAE

Typha angustifolia L. -- FOREST: 6 mi NE of Mayburg [Henry (8555)]. GREENE: 3.6 km SSW of West Finley [Thompson, et al. 2520]. SOMERSET: Lambertville [Jennings (8544)]. WARREN: Warren [Grisez 539]. WASHINGTON: Taylorstown [Henry & Beer (8551)]; also County Fairground.

Typha glauca Godr. -- CRAWFORD: Pymatuning Swamp [Jennings (8608)]. ERIE: Presque Isle [Bissell 1985:154].

Typha latifolia L. -- INDIANA: Blairsville [Danratski & Blomster (10251)].

SPARGANIACEAE

**Sparganium androcladum* (Engelm.) Morong -- CAMBRIA: Patton [Henry (8931)]; also St. Lawrence. CLARION: Clarion [Little (8932)]. CLINTON: Renovo to Haneyville [Jennings (8933)]; also Lock Haven to Vilas. CRAWFORD: Meadville [Buker (8935)]; also Conneaut Lake; Hartstown. FAYETTE: Layton [Buker (8940)]; also Normalville. INDIANA: Cherry Tree [Jennings (8941)]. JUNIATA: Richfield to Denholme [Jennings (8942)]. LYCOMING: Williamsport to Allentown [Jennings (8943)]. MERCER: 3 mi E of Jackson Center [Henry & Buker (8948)]; also London; Mercer; Wheatland; Grove City. SNYDER: Shamokin Dam to Richfield [Jennings (8949)]. SOMERSET: 2.5 mi S of Reels Corner [Henry (8950)]; also Cranberry Glade Bog; Lambertville; Mt. Davis Bog. VENANGO: Lisbon [Buker (8954)]. WAYNE: Rock Lake Church [Glowenke 11474]; also Honesdale; White Oak Pond.

Sparganium angustifolium Michx. [including *S. chlorocarpum* Rydb.] -- MERCER: Jackson [Bryant, et al. 296581]. WARREN: Clarendon [Buker & Grisez (8978)].

Sparganium eurycarpum Engelm. -- JUNIATA: Richfield to Denholme [Jennings (8994)]. UNION: Lewisburg [Manning (9004)].

NAJADACEAE

Najas flexilis (Willd.) Rostk. & Schmidt -- WESTMORELAND: Donegal [Polechko (304510)]; also Armbruston; Derry; Mammoth; New Alexandria; Trauger.

**Najas gracillima* (A. Braun) Magnus -- SOMERSET: Indian Lake [Polechko (304530)]; also Humbert.

Najas minor All. -- BUCKS: Lake Galena [Eggers 85-004]. DAUPHIN: Williamstown [Berkheimer 15899]. FAYETTE: Flatwoods [Polechko (304547)]. INDIANA: Yellow Creek State Park [Polechko (unmounted)]. WESTMORELAND: New Alexandria [Polechko (304515)]; also Derry; Slickville.

POTAMOGETONACEAE

Potamogeton crispus L. -- ALLEGHENY: Fourteen Mile Island [Eggers 15]. FAYETTE: 5 mi SSE of Perryopolis [Polechko (304553)]. SOMERSET: Bakersville [Polechko (304537)]. WESTMORELAND: Bridgeport [Polechko (304514)].

Potamogeton diversifolius Raf. -- CRAWFORD: Deckard [Jennings (11070)]. FAYETTE: 5 mi SSE of Perryopolis [Polechko (304541)]; also Chalkhill; Hammondville.

Potamogeton foliosus Raf. -- BEAVER: Shippingport [Henrich (112821)]. FAYETTE: Chalkhill [Polechko (304544)]; also Mill Run. LAWRENCE: 4 mi E of New Castle [Boardman (11034)]. SOMERSET: Savage [Polechko (304525)]; also Humbert.

**Potamogeton gramineus* L. -- HUNTINGDON: Pogue [Long (12857)].

Potamogeton natans L. -- LAWRENCE: 15 mi E of New Castle [Buker (11091)]. WESTMORELAND: Armsbruston [Polechko (304524)].

Potamogeton nodosus Poir. -- FAYETTE: Champion [Polechko (304539)]. LACKAWANNA: Ransom [Glowenke 11311].

**Potamogeton perfoliatus* L. var. *bupleuroides* (Fern.) Farw. -- ERIE: Erie [Van Dersal (11024)].

Potamogeton pusillus L. var. *pusillus* -- LYCOMING: Williamsport [Jennings (11009)]. WESTMORELAND: Trauger [Polechko (304509)].

Potamogeton pusillus var. *tenuissimus* Mert. & Koch [*P. bertoldii* Fieber] -- BEAVER: 3 mi W of Zellenople [Richmond (11033)].

Potamogeton spirillus Tuckerm. -- ALLEGHENY: McKees Rocks [*Bright* (9056)].

**Potamogeton tennesseensis* Fern. [Specimens determined by C.B. Hellquist, 1980; also one specimen from Bedford County] -- BEAVER: 5 mi NW of Midland [*Baker* (9103)]; also Georgetown.

**Potamogeton zosteriformis* Fern. -- BUCKS: Lake Galena [*Eggers 85-008*].

ZANNICHELLIACEAE

Zannichellia palustris L. var. *major* (Boenn.) Koch -- CRAWFORD: Mill Dam [*Whitesides* (252538)].

ALISMATACEAE

Alisma plantago-aquaticum L. var. *parviflorum* (Pursh) Torr. [*A. subcordatum* Raf.] -- TIOGA: Gaines [*Jolley* (265022)].

Alisma plantago-aquaticum L. var. *americanum* Schultes & Schultes [*A. triviale* Pursh] -- McKEAN: 5 mi N of Marshburg [*Baker* (11196)].

Sagittaria latifolia Willd. var. *latifolia* -- POTTER: Galeton [*Eimer* (11266)].

Sagittaria latifolia Willd. var. *pubescens* (Muhl. ex Nutt.) J.G. Sm. -- CAMERON: Emporium [*Jennings* (11331)]. WASHINGTON: 6 mi E of Florence [*Henry & Baker* (11328)].

Sagittaria rigida Pursh -- CRAWFORD: Conneaut Lake [*Shafer* (11374)]. SOMERSET: Jennerstown [*Mulvihill* (296780)]. VENANGO: Lisbon [*Jennings* (11348)].

HYDROCHARITACEAE

Elodea nuttallii (Planch.) St. John -- FAYETTE: 5 mi SSE of Perryopolis [*Polechko* (304455)]. SOMERSET: Jennerstown [*Polechko* (304657)]. WESTMORELAND: Crab Tree [*Polechko* (304609)]; also Donegal; Mt. Pleasant.

Vallisneria americana Michx. -- SOMERSET: High Point Lake [*Cusick 27137*]; also Humbert.

POACEAE

Agrostis capillaris L. [*A. tenuis* Sibth.] -- ALLEGHENY: Large [*Roslund* (10764)]. BRADFORD: 13 mi E of Canton [*Westerfeld* (10760)]. BUTLER: Jennings Prairie [*Vogler 1-36*]. ELK: Ridgway [*Rood 400*]. NORTHAMPTON: Easton [*Garber* (10762)].

Agrostis gigantea Roth [*A. alba* L.] -- LAWRENCE: 3.3 mi NW of Plain Grove [*Baker* (10687)].

Agrostis canina L. -- NORTHAMPTON: Easton [*Porter* (10755)].

Agrostis hyemalis (Walt.) B.S.P. -- BEAVER: Shippingport [*Ohlsson & Crandell 3511*]. BUTLER: Jennings Prairie [*Vogler 2-75*]. ERIE: Presque Isle [*Jennings* (10789)]. FOREST: Mayburg [*Baker* (10740)]. WASHINGTON: Burnsville [*Baker* (10748)]. WESTMORELAND: 3 mi S of Rector [*Utech 81-515*].

Alopecurus aequalis Sobol. -- ERIE: Erie [*Bright* (9207)]. WARREN: Topolovich Bog [*Baker* (114990)].

Andropogon virginicus L. -- ERIE: Lake City [*Medve* (11690)]. WARREN: Glade Manor [*Grisev 566*].

Anthoxanthum aristatum Boiss. -- SOMERSET: Bakersville [*Lewis* (11791)].

**Aristida curtisii* (Gray) Nash -- LANCASTER: Marticville [*Herbarium Galen* (11891)].

Bromus ciliatus L. -- LAWRENCE: 3 mi N of Plain Grove [*Thomas 2959*]; also 2.5 mi W of Eastbrook. WESTMORELAND: Ligonier [*Utech 79-338*].

Bromus hordeaceus L. [*B. mollis* L.] -- WARREN: North Warren [*Moldenke 15643*].

Bromus inermis Leyss. -- ERIE: PA 5 at Elk Creek [*Baker* (234078)]. SOMERSET: Scullton [*Utech 84-352*]. WASHINGTON: 5 mi N of Hanlin Station [*Baker* (234082)].

Bromus japonicus Thunb. ex Murr. -- SOMERSET: Thomas Mills [*Ross* (234071)]. WESTMORELAND: 3 mi S of Rector [*Utech 80-113*].

Bromus kalmii Gray -- BUTLER: Jennings Prairie [*Vogler 2-119*].

Bromus racemosus L. -- GREENE: 1.9 km ESE of Majorsville, West Virginia [*Thompson & Nishida 2419*]. LANCASTER: Columbia [*Porter* (12440)]. LAWRENCE: mouth of Slippery Rock Creek [*Baker* (12444)]. NORTHAMPTON: Easton [*Porter* (12443)].

Bromus secalinus L. -- BEAVER: Darlington [*Jennings & Henry* (12479)]. CRAWFORD: Pymatuning [*Baker* (12473)]. FOREST: Mayburg [*Henry* (12457)].

Bromus sterilis L. -- FULTON: Big Tonoloway Creek near Maryland border [*Baker* (12488)].

Bromus tectorum L. -- ADAMS: Pine Grove Furnace [*Bright* (12508)].

Calamagrostis canadensis (Michx.) Beauv. -- ARMSTRONG: Parkers Landing [*Baker* (12776)].

Calamagrostis porteri Gray -- FULTON: Harrisonville [*Cusick 26948*].

Cinna arundinacea L. -- FULTON: Warfordsburg [*Henry & Buker* (12707)].

Cinna latifolia (Trev.) Griseb. -- BUTLER: Marwood [*Buker* (12718)].

Dactylis glomerata L. -- CAMERON: Hicks Run [*Buker* (12114)].

Danthonia compressa Austin -- ERIE: Presque Isle [*Bissell 1985:151*]; also Erie. FOREST: Truemans Forest [*Henry & Buker* (12166)].

Danthonia spicata (L.) Beauv. ex R. & S. -- CLARION: Foxburg [*Buker* (12189)].

Dicanthellum acuminatum (Sw.) Gould & Clark var. *lindheimeri* (Nash) Gould & Clark [*Panicum lindheimeri* Nash] -- HUNTINGDON: Coles Summit [*Long* (15356)].

Dicanthellum boreale (Nash) Freckmann [*P. boreale* Nash] -- FAYETTE: Markleysburg Bog [*Buker* (14799)].

Dicanthellum boscii (Poir.) Gould & Clark [*P. boscii* Poir.] -- CRAWFORD: Vallonia [*Darling* (74672)].

Dicanthellum clandestinum (L.) Gould [*P. clandestinum* L.] -- CLARION: Sarah Furnace [*Buker* (14938)]; also Fisher.

Dicanthellum latifolium (L.) Gould & Clark [*P. latifolium* L.] -- ARMSTRONG: Sherret [*Henry* (15398)]; also Leechburg. CLARION: Foxburg [*Buker* (15413)]. GREENE: Point Marion [*Buker* (15419)]; also Jefferson.

Dicanthellum linearifolium (Scribn.) Gould [*P. linearifolium* Scribn.] -- MERCER: Leesburg [*Buker* (13977)].

Dicanthellum meridionale (Ashe) Freckmann [*P. meridionale* Ashe] -- WARREN: North Warren [*Moldenke 16602*].

Dicanthellum sabulorum (Lam.) Gould & Clark var. *thinium* (A.S. Hitchc. & Chase) Gould & Clark [*P. columbianum* Scribn.] -- ERIE: Presque Isle [*Bissell 1985:76*].

**Dicanthellum scoparium* (Lam.) Gould [*P. scoparium* Lam.] -- LANCASTER: Safe Harbor [*Porter* (15516)].

Dicanthellum sphaerocarpon (Ell.) Gould [including *P. microcarpon* Muhl., *P. polyanthes* Schultes, and *P. sphaerocarpon* Ell.] -- BEAVER: Clinton [*Henry* (15529)]. FAYETTE: Ohiopyle [*Bright 5421*]. WASHINGTON: Hanlin Station [*Buker* (15524)].

Digitaria ischaemum (Schreb. ex Schweig) Muhl. -- BEAVER: Raccoon Creek at US 30 [*Henrici* (12875)]. GREENE: 1.9 km ESE of Majorville, West Virginia [*Thompson & Nishida 2075*].

Echinochloa crusgalli (L.) Beauv. -- CAMERON: Truman [*Henry & Buker* (12990)]. GREENE: 3.6 km SSW of West Finley [*Thompson, et al. 1989*]; also Jefferson; 1.9 km ESE of Majorville, West Virginia; mouth of Shannon Run; Rutan; Ryerson. SOMERSET: Boswell [*Mulvihill* (296735)]; also Bakerville; Cranberry Glade Lake; Jennerstown.

Echinochloa walteri (Pursh) Heller -- NORTHAMPTON: Easton [*Porter* (13112)].

Eleusine indica (L.) Gaertn. -- CRAWFORD: no further locality [*Whitesides* (252485)].

Elymus canadensis L. -- WESTMORELAND: 3 mi S of Rector [*Utech 79-364*].

Elymus riparius Wieg. -- MERCER: Leesburg [*Henry* (13148)].

Elymus villosus Muhl. ex Willd. -- BEAVER: Pattons Point [*Buker & Henrici* (13167)]; also Georgetown. CRAWFORD: Meadville [*Whitesides* (252486)]. FULTON: Harrisonville [*Henry & Buker* (13176)]. WASHINGTON: West Finley [*Thompson, et al. 1934*]; also 3 mi W of McMurray Road at US 19.

Elymus virginicus L. -- CLARION: Fisher [*Henry* (13295)]; also Clarion. FULTON: Big Tonoloway Creek [*Buker* (13294)]. GREENE: Mt. Morris [*Henry & Buker* (13240)]; also Ryerson; Waynesburg. LAWRENCE: Eastbrook [*Henry & Beer* (13257)]; also Chewton to Wurtemburg. LYCOMING: Cedar Run [*Gress & Jennings* (13300)]. POTTER: Ole Bull State Park [*Buker* (13319)]; also Cherry Springs; Galeton.

Elytrigia repens (L.) Desv. ex Nevski [*Agropyron repens* (L.) Beauv.] -- CLARION: 5-6 mi W of PA 854 on PA 861 [*Buker* (11575)]. VENANGO: Kennerdell [*Buker* (11578)]; also Nickleville.

Eragrostis capillaris (L.) Nees -- SOMERSET: Stoystown [*Ross* (13351)].

Eragrostis cilianensis (All.) E. Mosher -- CRAWFORD: Linesville [*Buker* (13482)]; also Harmonsburg. LAWRENCE: Ellwood City [*Buker* (13469)].

Eragrostis hypnoides (Lam.) B.S.P. -- WASHINGTON: Speers [*Cusick 27118*].

Eragrostis minor Host [*E. poaeoides* Beauv.] -- ALLEGHENY: Penn Hills [*Boufford 21305*]; also Groveton. WARREN: North Warren [*Moldenke 15772*].

Eragrostis pectinacea (Michx.) Nees -- FAYETTE: Ohiopyle [*Bright* (13422)].

Eragrostis pilosa (L.) Beauv. -- CENTRE: Unionville [*Boufford 21302*].

Eragrostis spectabilis (Pursh) Steud. -- GREENE: Rogersville [*Davis & Davis 4422*].

Eulalia viminea (Trin.) Kuntze [*Microstegium vimineum* (Trin.) A. Camus] -- FRANKLIN: Licking Creek [*Cusick 26953*]. FULTON: 1.5 mi SW of Dickey's Mountain [*Cusick 27097*].

Festuca arundinacea Schreb. [Species not listed in Wherry, et al. (1979); this taxon has been included in *F. pratensis* Huds.] -- WASHINGTON: 3.7 km ESE of Majorville, West Virginia [*Thompson & Nishida 2411*].

- Festuca obtusa** Biehler -- CRAWFORD: Hartstown [*Bright* (13720)].
- Glyceria canadensis** (Michx.) Trin. -- ADAMS: Piney Mountain [*Bright* (13729)]. VENANGO: Lisbon [*Baker* (13772)]. WYOMING: Lake Carey [*Bright* (13730)].
- Glyceria grandis** S. Wats. -- ELK: Montgomery [*Patterson* (13810)].
- Hordeum jubatum** L. -- McKEAN: Marshburg [*Baker* (14120)]. WARREN: Kinzua Dam [*Grisez* 512].
- Hordeum vulgare** L. -- CRAWFORD: Vallonia [*C.A.D.* (74673)].
- Hystrix patula** Moench -- CLARION: Rimersburg [*Baker* (14259)]. MERCER: Mercer [*Henry* (14277)]. WARREN: Akeley Swamp [*Grisez* 635].
- Leersia oryzoides** (L.) Sw. -- JEFFERSON: Sigel [*Henry* (14354)].
- Lolium multiflorum** Lam. -- ERIE: Mercyhurst [*Hepner* (111338)]. FULTON: PA 915 S of US 30 [*Baker* (14404)].
- Lolium perenne** L. -- ERIE: Presque Isle [*Baker* (14383)]; also Lake City.
- Milium effusum** L. -- CHESTER: Valley Forge [*Diffenbaugh* (14576)]. HUNTINGDON: Saltillo [*Pearth* (14581)].
- Muhlenbergia mexicana** (L.) Trin. -- LAWRENCE: Plain Grovc [*Bright* 17976].
- Muhlenbergia sobolifera** (Muhl.) Trin. -- CRAWFORD: Rock Point [*Whitesides* (252494)].
- Muhlenbergia sylvatica** (Torr.) Torr. -- BEAVER: Raccoon Creek and US 30 [*Henrici* (14709)].
- Oryzopsis asperifolia** Michx. -- CRAWFORD: US 6 near Ohio border [*Cusick & Andreas* 19922].
- Panicum capillare** L. -- FAYETTE: Elliotsville [*Mozingo* (14872)]. LAWRENCE: Robinson [*Cusick* 22973]; also Eastbrook. SOMERSET: Stoystown [*Patterson* (14868)].
- Panicum hirticaule** Presl var. **miliaceum** (Vasey) Beetle [*P. miliaceum* L.] -- BEAVER: Shippingport [*Ohlsson* 3317].
- Panicum philadelphicum** Bernh. -- GREENE: 3.6 km SSW of West Finley [*Thompson & Nishida* 2516]; also 1.9 km ESE of Majorsville, West Virginia. WASHINGTON: Paris [*Cusick* 23226].
- Panicum rigidulum** Bosc. ex Nees [*P. agrostoides* Spreng.] -- SUSQUEHANNA: no further locality [*Graves* (14768)].
- Phalaris arundinacea** L. -- CAMERON: Driftwood [*Baker* (15701)].
- Phragmites australis** (Cav.) Trin. ex Steud. -- WARREN: 7 mi E of Corry [*Grisez* 565].
- Poa alsodes** Gray -- BEAVER: Mechanicsburg [*Henry* (15888)]; also Ohioville. GREENE: Garrison [*Henry & Baker* (15876)]. WASHINGTON: Charletoi [*Bright* (15877)].
- Poa annua** L. -- FOREST: Allegheny River S of Warren County line [*Baker* 15911)]. WASHINGTON: mouth of Mingo Creek [*Baker* (15934)].
- Poa compressa** L. -- CLARION: Shippenville [*Baker & Henry* (15960)]. LACKAWANNA: Scranton [*Henry* (16041)].
- Poa cuspidata** Nutt. -- ARMSTRONG: Kelly Station [*Henry* (16066)]; also Leechburg. CAMBRIA: Summerhill [*Henry & Beer* (16123)]. CAMERON: Hicks Run [*Baker* (16057)]. CLEARFIELD: Patchinsville [*Henry* (16125)]; also Westover. ELK: Loleta [*Baker* (16061)]. ERIE: Wattsburg [*Baker* (16070)]. FOREST: Newmansville [*Baker & Henry* (116059)]. JEFFERSON: Ohl [*Henry & Beer* (16098)]; also Richardsville; Roseville. LAWRENCE: Ellwood City [*Henry & Baker* (16138)]; also Hillsville. MERCER: Sharpsville [*Baker* (16065)].
- Poa palustris** L. -- BUTLER: Jennings Prairie [*Vogler* 7-50].
- Poa pratensis** L. -- CAMERON: Emporium [*Baker* (16249)]; also Sinnemahoning.
- Poa trivialis** L. -- ERIE: Presque Isle [*Baker* (16334)].
- Schizachyrium scoparium** (Michx.) Nash [*Andropogon scoparius* Michx.] -- BUTLER: Parkers Landing [*Bright* 2412].
- Sphenopholis obtusata** (Michx.) Scribn. -- BUTLER: Jennings Prairie [*Vogler* 2-38].
- Sporobolus neglectus** Nash -- FULTON: Dickey's Mountain [*Cusick* 27101].
- Sporobolus vaginiflorus** (Torr. ex Gray) Wood -- ERIE: PA 18 and I-90 [*Cusick* 23992].
- Torreyochloa pallida** (Torr.) Church [*Glyceria pallida* (Torr.) Trin.] -- LAWRENCE: New Castle [*Bright* (16407)]. WARREN: Warren [*Bright* (16411)].
- Zea mays** L. -- INDIANA: Hower [*Sumstine* (16960)].

CYPERACEAE

- Bulbostylis capillaris** (L.) Clarke -- JEFFERSON: PA 97 at Elk County line [*Henry & Baker* (18167)]. LYCOMING: Cedar Run Bog [*Jennings* (17010)]. WARREN: Warren [*Grisez* 549].
- Carex abscondita** Mackenz. -- SUSQUEHANNA: Susquchanna [*Graves* (18184)].
- Carex aenea** Fern. -- PIKE: Wallenpaupack Creek [*Bright* (18191)]. WAYNE: Honesdale [*Bright* (18189)].

- Carex aestivalls* M.A. Curtis -- CARBON: Pocono Lake [Bright (18205)]. COLUMBIA: Jamison City [Gress (9458)]. CRAWFORD: Linesville [Jennings (18195)]; also Hartstown.
- Carex amphibola* Steud. -- ERIE: Presque Isle [Bissell 1985:86]. LAWRENCE: McConnells Mill [Marin (202422)].
- Carex annectens* (Bickn.) Bickn. -- BEAVER: Raccoon Creek [Bright (18363)].
- Carex arctata* Boott -- FAYETTE: Ohiopyle [Shafer & Kinzer (18422)].
- Carex baileyi* Britt. -- CRAWFORD: Townville [Leberman (269059)].
- **Carex bebbii* (Bailey) Olney -- LAWRENCE: Plain Grove [Thomas 2965].
- Carex bromoides* Willd. -- BUTLER: Jennings Prairie [Vogler 7-41]. ERIE: Edinboro [Jennings & Fetterman (18669)].
- Carex brunnescens* (Pers.) Poir. -- BUTLER: Jennings Prairie [Vogler 7-60]. CRAWFORD: Linesville [Jennings (18708)]; also Meadville.
- Carex bushii* Mackenzie -- CRAWFORD: Meadville [Leberman (269011)].
- Carex buxbaumii* Wahlenb. -- CHESTER: Nottingham [True 539].
- Carex comosa* Boott -- LYCOMING: Muncy [Bright (19095)].
- Carex conjuncta* Boott -- SOMERSET: Indian Lake [Thomas 2746].
- Carex convoluta* Mackenzie -- BEAVER: Raccoon Creek [Bright (19156)].
- Carex crinita* Lam. -- POTTER: Coudersport [Bright (19269)]; also Cherry Springs.
- Carex cristatella* Britt. -- LAWRENCE: New Castle [Bright (19427)]; also McConnells Mill.
- Carex debilis* Michx. -- ALLEGHENY: Pittsburgh [Paterson (19515)]. CRAWFORD: Townville [Leberman (291418)]. VENANGO: 2.2 mi N of Cooperstown [Leberman (269035)].
- **Carex eburnea* Boott -- ERIE: 5 km SE of Girard [Bissell 1985:172].
- Carex echinata* Murr. [including *C. cephalantha* (Bailey) Bickn.] -- WARREN: Sulphur Spring [Mathias 959].
- Carex emmonsii* Dewey -- WAYNE: Atco [Glownke 9632].
- Carex emoryi* Dewey -- ERIE: Presque Isle [Jennings (19642)].
- Carex festucacea* Schkuhr ex Willd. -- CLARION: Alum Rock [Jennings (19647)].
- Carex flaccosperma* Dewey var. *glaucodea* (Tuckerm.) Kukenth. [*C. glaucodea* Tuckerm.] -- LAWRENCE: McConnells Mill [Marin (202423)].
- **Carex flava* L. -- SUSQUEHANNA: Susquehanna [Graves (9552)].
- Carex foenea* Willd. -- WESTMORELAND: Rector [Jennings (19658)].
- Carex folliculata* L. -- CAMERON: Medix Run [Baker (19667)]. LAWRENCE: Plain Grove [Baker (254188)]. MERCER: Jackson Center [Henry & Beer (19663)].
- Carex gracilescens* Steud. -- CRAWFORD: Erie Extension Canal and US 322 [Bissell 1985:55]. WAYNE: Winterdale [Bright (19866)]; also Equinunk Creek.
- Carex gracillima* Schwein. -- CLARION: Red Bank Creek [Bright (19942)].
- Carex granularis* Muhl. ex Willd. var. *haleana* (Olney) Porter -- ERIE: 2.1 mi from junction of I-90 with Girard/Fairview townships line [Bissell 1985:173].
- Carex grayi* Carey -- CRAWFORD: Pymatuning [Fulton (19988)]. DAUPHIN: Falmouth [Wilkens 5348]. FAYETTE: Ohiopyle [Bright 5453]. FOREST: Endeavor [Leberman 19989]. LAWRENCE: Plain Grove [Bright (19992)]; also Eastbrook; New Wilmington.
- Carex gynandra* Schwein. -- CAMERON: Emporium [Henry & Baker (19325)]; also Piper. ERIE: Edinboro [Jennings & Fetterman (21754)].
- Carex hirtifolia* Mackenzie -- SOMERSET: Buckstown [Jennings (20360)].
- Carex howei* Mackenzie -- BERKS: Gibraltar [Berkheimer 3682]. McKEAN: Hazel Hurst [Vogler & Bier 3-1].
- Carex hystericina* Muhl. ex Willd. -- FOREST: Cook Forest [Jennings (20541)]; also Endeavor. JEFFERSON: Sigel [Boufford 21104]. McKEAN: Hazel Hurst [Vogler & Bier 3-7]. TIOGA: Pine Creek [Bright (20555)].
- Carex interior* Bailey -- FOREST: Marienville [Grisez 524]. WASHINGTON: New Eagle [Beer (20622)].
- Carex laevivaginata* (Kukenth.) Mackenzie -- BEAVER: Raccoon Creek [Marin (210288)]. BUTLER: Renfrew [Bright (20757)]. CLARION: Alum Rock [Jennings (20762)]. CUMBERLAND: Hunters Run [Bright (20770)]. FAYETTE: Ohiopyle [Bright (20751)]; also Bear Run Nature Preserve. WARREN: Sulphur Spring [Mathias 994]; also Tamarack Swamp.
- Carex lasiocarpa* Ehrh. var. *americana* Fern. -- CRAWFORD: Linesville [Paterson (20774)]. LANCASTER: Lancaster [Porter (20773)].
- Carex laxiculmis* Schwein. -- LAWRENCE: New Castle [Bright (20818)].

- Carex leavenworthii** Dewey -- COLUMBIA: Bloomsburg [*Bright* (20979)].
- Carex leptalea** Wahlenb. -- LAWRENCE: New Castle [*Bright* (20988)]. NORTHUMBERLAND: Hellertown [*Tric* 147].
- Carex lupuliformis** Sartwell -- CHESTER: Spring City [*Bright* (302309)].
- Carex lupulina** Muhl. ex Willd. -- CLARION: Rimersburg [*Baker* (23320)]. COLUMBIA: Iola [*Fender & Ludwig* 3695].
- Carex molesta** Mackenzie -- WASHINGTON: Thompsonville [*Bright* (23433)].
- Carex nebraskensis** Dewey [Species not listed in Wherry, et al. (1979). The specimens were determined by Mackenzie, who questioned the accuracy of the locality data, as this species otherwise does not occur in the northeastern United States. There are three sheets from this locality.] -- MONROE: Tobyhanna [*Gress & Jennings* (23524-23526)].
- Carex normalis** Mackenzie -- LAWRENCE: Plain Grove [*Baker* (23493)].
- Carex novae-angliae** Schwein. -- CARBON: Pocono Lake [*Bright* (23546)]. NORTHAMPTON: Easton [*Knipe* (23554)].
- Carex oligocarpa** Schkuhr ex Willd. -- HUNTINGDON: Spring Creek [*Bright* (23558)].
- Carex ormostachya** Wieg. -- CUMBERLAND: Hunters Run [*Gress* (23575)]. FULTON: Harrisonville [*Baker* (21236)].
- Carex pallescens** L. -- NORTHUMBERLAND: Sunbury [*Bright* (23580)].
- Carex pedunculata** Muhl. ex Willd. -- LAWRENCE: McConnells Mill [*Bright* 2467].
- Carex plantaginea** Lam. -- ALLEGHENY: Logans Ferry [*Bright* (23739)]. CLARION: Redbank [*Bright* (23740)]. CLINTON: Hyner [*Baker* (23735)]. CRAWFORD: Cambridge Springs [*Bright* (23744)]. MERCER: Perrine Corners [*Henry, et al.* (23736)].
- Carex platyphylla** Carey -- CRAWFORD: Meadville [*Leberman* (269049)].
- ***Carex polymorpha** Muhl. -- CUMBERLAND: Pine Grove Furnace [*Bright* (23979)].
- Carex projecta** Mackenzie -- ALLEGHENY: Powers Run [*Jennings* (23965)]. ERIE: Corry [*Bright* (23959)]. FAYETTE: Ohiopyle [*Jennings* (21790)]. FRANKLIN: Pen Mar [*Bright* (23971)]. JEFFERSON: near Elk County line on PA 949 [*Henry & Baker* (23952)]. MERCER: Fairview [*Henry & Baker* (23957)]. WASHINGTON: New Eagle [*Baker* (23953)].
- Carex radiata** (Wahlenb.) Small -- FAYETTE: Ohiopyle [*Jennings & Graham* (22166)]. VENANGO: Emlenton [*Baker* (22167)].
- ***Carex retrorsa** Schwein. -- CRAWFORD: Hartstown [*Bright* (21812)]. ERIE: Wattsburg [*Henry & Baker* (22207)]; also Corry. WESTMORELAND: Rector [*Utch* 82-195].
- Carex rosea** Schkuhr ex Willd. -- ERIE: Edinboro [*Jennings* (22265)]; also Presque Isle. POTTER: Coudersport [*Jennings* (22276)].
- Carex rostrata** Stokes -- BEAVER: mouth of Little Beaver River [*Henry & Jennings* (22319)]. CLINTON: Tamarack [*Henry & Baker* (22321)]. McKEAN: Burning Well [*Baker* (22305)]. WARREN: Akeley [*Henry & Baker* (22307)].
- Carex scabrata** Schwein. -- LAWRENCE: McConnells Mill [*Marin* (202451)].
- Carex scoparia** Schkuhr ex Willd. -- WASHINGTON: Burgettstown [*Henry & Baker* (22404)]. WYOMING: Mehoopany [*Bright* (22517)].
- Carex sparganioides** Muhl. ex Willd. -- CRAWFORD: Hartstown [*Jennings* (22609)].
- Carex striatula** Michx. -- FAYETTE: Killarney Park [*Gress* (22823)]. YORK: Brogueville [*Bright* (22826)].
- Carex stricta** Lam. [including *C. strictior* Dewey] -- ARMSTRONG: Buffalo Creek [*Jennings* (22865)]. CRAWFORD: Lincolnville [*Henry & Baker* (22843)]; also Hartstown; Linesville. ERIE: Presque Isle [*Jennings* (22874) and others]. INDIANA: Cherry Tree [*Jennings* (22856)]. VENANGO: Honesdale [*Bright* (22861)].
- Carex styloflexa** Buckl. -- YORK: York Furnace [*Bright* (22831)].
- Carex swanii** (Fern.) Mackenzie -- ARMSTRONG: Kittanning [*Baker* (22956)].
- Carex torta** Boott ex Tuckerm. -- CRAWFORD: Hartstown [*Bright* (23000)]. WASHINGTON: Charleroi [*Bright* (22983)].
- Carex tribuloides** Wahlenb. -- CLARION: Cook Forest [*Jennings* (23089)].
- Carex trichocarpa** Muhl. ex Willd. -- FOREST: 3 mi SW of Kellettsville [*Grisez* 984].
- Carex trisperma** Dewey -- JEFFERSON: Sigel [*Boufford & Wood* 21103]. McKEAN: Catherine Swamp [*Vogler & Bier* 3-5]. POTTER: Coudersport [*Jennings* (21359)]. VENANGO: Franklin [*Bright* (21361)]. WESTMORELAND: Laurel Ridge [*Van Dersal* (21362)].
- Carex tuckermanii** Dewey -- McKEAN: Coryville [*Baker* (21389)]. PIKE: Wallenpaupack Creek [*Bright* (21407)].
- ***Carex typhina** Michx. -- BEAVER: Raccoon Creek [*Schiller, et al.* (21411)]. FULTON: Big Tonoloway Creek [*Bright* (21412)].
- Carex umbellata** Schkuhr ex Willd. -- ERIE: Presque Isle [*Bissell* 1985:65]. FAYETTE: Indian Creek Reservoir [*Henry* (9517)].

Carex virescens Muhl. -- POTTER: Coneville [*Henry* (21443)]. TIOGA: Fall Brook [*Bright* (21487)].

Carex willdenowii Schkuhr ex Willd. -- ARMSTRONG: Cowanshannock [*Bright* (21835)].

Carex woodii Dewey -- VENANGO: Emlenton [*Bright* (9523)].

Cyperus bipartitus Torr. [*C. rivularis* Kunth] -- CLINTON: North Bend [*Baker* (22002)]. WARREN: Tidioute [*Grisez* 603].

**Cyperus engelmannii* Steud. -- ERIE: Presque Isle [*Bright* (21863)].

Cyperus filiculmis Vahl -- CLINTON: Westport [*Baker* (21951)].

Cyperus flavescens L. -- ERIE: Presque Isle [*Jennings* (21996)]. MERCER: Sharon [*Aschman* (21997)]. WASHINGTON: Conger [*Jennings* (21998)].

Cyperus odoratus L. -- CRAWFORD: West Fallowfield Township [*Bissell* 1985:296]. ERIE: Presque Isle [*Ammons* (22116)].

Cyperus ovularis (Michx.) Torr. -- NORTHAMPTON/LEHIGH: Bethlehem [*Wolle* (21916)].

Cyperus squarrosus L. [*C. aristatus* Rottb.] -- MONROE: Lehigh Pond [*Twining* (21906)].

Cyperus strigosus L. -- ELK: Medix Run [*Jennings* (22082)]. McKEAN: Marshburg [*Baker* (22110)].

Dulichium arundinaceum (L.) Britt. -- WASHINGTON: California [*Schule* (24732)].

Eleocharis acicularis (L.) R. & S. -- BEAVER: 5 mi NW of Midland [*Baker* (24828)]; also Bellowsville; New Galilee. FAYETTE: Connellsville [*Graham* (24826)]. WASHINGTON: New Eagle [*Baker* (24805)].

**Eleocharis elliptica* Kunth -- ERIE: Presque Isle [*Bissell* 1985:122].

Eleocharis erythropoda Steud. [*E. calva* Torr.] -- LAWRENCE: 2.3 mi NW of Harlansburg [*Henry* (24849)]; also New Castle. SOMERSET: Ursina [*Baker* (24842)].

Eleocharis obtusa (Willd.) Schultes -- WASHINGTON: 3.7 km ESE of Majorsville, West Virginia [*Thompson & Nishida* 2113]; also Taylorstown.

Eleocharis palustris (L.) R. & S. [including *E. smallii* Britt.] -- BEAVER: Shippingport [*Henrici* (25087)]; also Georgetown. LAWRENCE: New Castle [*Bright* (25080, 25081)]. WASHINGTON: Florence [*Henry & Beer* (25086)].

Eleocharis tenuis (Willd.) Schultes -- BEAVER: Shippingport [*Henrici* (25148)].

Eriophorum virginicum L. -- ALLEGHENY: Mt. Nebo [*Henry* (25267)]. CAMERON: Sinnemahoning [*Baker* (25242)].

CLARION: Rock Run [*Van Dersal* 549]. ELK: Bordentown Swamp [*Jennings* (25288)]; also 3 mi NE of Benezette; 3 mi S of Kane. FOREST: Brookston [*Kosinski* (25252)]. McKEAN: Hazel Hurst [*Boardman* (25259)].

Fimbristylis autumnalis (L.) R. & S. -- FAYETTE: Ohioptyle [*Jennings* (17921)].

Rhynchospora alba (L.) Vahl -- McKEAN: Hazel Hurst [*Vogler & Bier* 3-11].

Rhynchospora capitellata (Michx.) Vahl -- BUTLER: Jennings Prairie [*Vogler* 2-101]. ELK: 3-4 mi NW of Millstone [*Henry* (25304)].

Scirpus atrovirens Willd. -- CLARION: Cook Forest [*Jennings* (25420)]. CLEARFIELD: Madera to Glen Hope [*Baker* (25417)]. LACKAWANNA: Fleetville [*Glownke* 8052].

Scirpus expansus Fern. -- LAWRENCE: New Castle [*Shafer* (25741)].

Scirpus georgianus Harper -- BUTLER: Butler [*Baker* (25541)]; also Criders Corner; Isle.

Scirpus pendulus Muhl. -- MERCER: 1 mi W of Venango County line [*Baker* (25764)].

Scirpus polyphyllus Vahl -- LAWRENCE: Plain Grove [*Bright* (25835)].

Scirpus purshianus Fern. -- BRADFORD: Woodvale [*Berkheimer* 10472].

Scirpus verecundus Fern. -- ERIE: Presque Isle [*Baker* (25882)].

ARACEAE

Acorus calamus L. [*A. americanus* Raf.] -- TIOGA: Mainesburg [*Thompson* 3387].

Arisaema dracontium (L.) Schott -- FULTON: Dickey's Mountain [*Henry* (24332)].

Arisaema triphyllum (L.) Schott -- CAMERON: 3 mi NW of Driftwood [*Baker* (24114)]; also Sterling Run.

Calla palustris L. -- BUTLER: West Liberty [*Boardman* (24493)]; also Slippery Rock. McKEAN: Ormsby [*Grisez* 348]. SOMERSET: Mt. Davis [*Mulvihill & Leberman* 12].

Peltandra virginica (L.) Schott -- FAYETTE: Deer Lake [*Boardman* (24534)]; also Chalkhill.

Symplocarpus foetidus (L.) Nutt. -- CAMERON: Sterling Run [*Baker* (24570)].

LEMNACEAE

Lemna minor L. -- CLARION: Parkers Landing [Buker (21072)]. FOREST: Porkey [Buker (21077)]. FULTON: Warfordsburg [Henry & Buker (21217)]. SOMERSET: Jennerstown [Mulvihill (295741)]; also Humbert; Somerset.

Lemna perpusilla Torr. -- CHESTER: Springdell [Wherry (21060)]. MERCER: Drake [Richmond (21114)].

**Lemna turionifera* Landolt [Species not listed in Wherry, et al. (1979); it also occurs in Blair County (Kunsmann and Keener, 1986)] -- ALLEGHENY: Dixmont [Buker (21203)]. BEAVER: Rock Point [Sumstine (21193)]. CRAWFORD: Conneaut Lake [Jennings (21214)]. ERIE: Presque Isle [Jennings (21201)]. MERCER: Swamp Root [Henry (21076)]; also Drake. WASHINGTON: Florence [Henry & Beer (21212)].

Spirodela polyrhiza (L.) Schleid. -- FAYETTE: Flatwoods [Polechko (304447)]; also 5 mi SSE of Perryopolis. SOMERSET: Humbert [Polechko (304752)]; also Laurel Ridge State Park. WESTMORELAND: 2.5 mi NE of West Newton [Henry & Beer (21082)]; also Crabtree.

Wolffia borealis (Engelm.) Landolt [*W. punctata* Griseb.] -- CRAWFORD: Conneaut Lake [Jennings (21225)].

**Wolffia brasiliensis* Weddell [Species not listed in Wherry, et al. (1979) nor in other Pennsylvania floras. Landolt (1986), who identified these specimens, states that this species is rather rare in Pennsylvania.] -- BEDFORD: Cessna [Berkheimer 23192]. LEBANON: Bellegrove [Berkheimer 16259].

Wolffia columbiana Karst. -- NORTHAMPTON: East Bangor [Schaeffer 23708].

COMMELINACEAE

Commelina communis L. var. *communis* -- ERIE: Elk Creek [Henry & Buker (26116)]; also Presque Isle.

Tradescantia ohioensis Raf. -- BEAVER: no further locality [Mansfield (26156)]. BERKS: Sinking Spring [Oberly 2996]. CAMBRIA: Nicktown [Kline (26158)]. FOREST: East Hickory [Leberman (296787)]. LAWRENCE: Ellwood City [Buker (26151)].

Tradescantia virginiana L. -- BLAIR: 2.5 mi E of Gallitzen [Buker (26153)]. CRAWFORD: Meadville [Darling (74619)]. FULTON: 2.5 mi SE of Warfordsburg [Buker & Beer (26172)].

PONTEDERIACEAE

Pontederia cordata L. -- BUTLER: Meridian [Preston (26203)].

Zosterella dubia (Jacq.) Small [*Heteranthera dubia* (Jacq.) MacM.] -- ARMSTRONG: Watersonville [Henry (26181)].

JUNCACEAE

Juncus acuminatus Michx. -- FOREST: 6 mi NE of Mayburg [Henry (26281)].

Juncus articulatus L. -- MERCER: Hermitage Township [Cusick 23647]. MONROE: East Stroudsburg [Jennings, et al. (26356)].

**Juncus brachycephalus* (Engelm.) Buchenau -- ELK: Highland Corner [Buker & Grisez (26399)].

Juncus brevicaudatus (Engelm.) Fern. -- FAYETTE: Ohioptyle [Bright 16860]. SOMERSET: Mt. Davis [Jennings (26425)].

Juncus bufonius L. -- ALLEGHENY: Fourteen Mile Island [Eggers 18]. CRAWFORD: Hartstown [Bright (26386)]; also Meadville.

Juncus canadensis J. Gay -- ALLEGHENY: Ingomar [Henry (26460)]; also Warrendale. ARMSTRONG: 3 mi N of Freeport [Jennings (26443)]. BEAVER: Bocktown [Buker & Henrici (26452)]. CLEARFIELD: Curwensville [Jennings (26510)]. LAWRENCE: Plain Grove [Buker (26450)]; also Bessemer; 2.5 mi W of McConnells Mill. McKEAN: Smethport [Buker (26440)]. MERCER: Stoneboro [Jennings (26462)]. VENANGO: Franklin [Henry & Buker (26511)].

Juncus effusus L. -- WASHINGTON: West Finley [Buker (26603)].

**Juncus filiformis* L. -- WARREN: Warren [Grisez 548].

Juncus marginatus Rostk. -- BEAVER: Georgetown [Bright 689]. ERIE: Union City [Buker (26657)]; also Presque Isle. SOMERSET: Roxbury [Cusick 27084]; also Stoystown.

Juncus nodosus L. -- CRAWFORD: New Richmond [Leberman (269030)].

Juncus subcaudatus (Engelm.) Coville & Blake -- SOMERSET: Mt. Davis [Henry & Buker (26739)].

**Juncus torreyi* Coville -- WASHINGTON: Murdocksville [Buker (26963)].

Luzula acuminata Raf. -- FAYETTE: Ohioptyle [Buker (27020)]; also Indian Head; Wymps Gap. GREENE: Mt. Morris [Buker (26987)].

**Luzula bulbosa* (Wood) Rydb. -- SOMERSET: Confluence to Harnedsville [Buker (27074)].

Luzula multiflora (Ehrh. ex Hoffm.) Lej. -- LAWRENCE: 4 mi N of New Castle [Buker (27255)]; also McConnells Mill; Pulaski; New Wilmington.

LILIACEAE

Allium canadense L. -- CRAWFORD: Hydetown [*Henry & Buker* (27321)]. ERIE: Elk Creek bridge on PA 98 [*Henry & Buker* (27361)]; also Presque Isle. GREENE: 3.6 km SSW of West Finley [*Nishida & Bier* 706]. LAWRENCE: Hillsville [*Beer* (27322)]. McKEAN: Eldred [*Grisez* 634]. WASHINGTON: West Finley [*Nishida & Bier* 685]; also Amity; Murdocksville; Prosperity; Taylorstown.

Allium cernuum Roth -- GREENE: Jefferson [*Henry & Beer* (27383)]. JUNIATA: Denholm [*Jennings* (27448)]. SOMERSET: Stoystown [*Patterson* (27386)].

Allium sativum L. -- ALLEGHENY: Edgewood Park [*Jennings & Koczig* (27459)]. BUTLER: Bruin [*Bright* (27457)].

Allium tricoccum Ait. -- ARMSTRONG: 3 mi SE of Manorville [*Henry* (27480)]. FAYETTE: Melcroft [*Utch* 81-088]. GREENE: 3 mi S of Ryerson Station [*Buker & Henry* (27474)]; also Brave; Mt. Morris. INDIANA: Yellow Creek [*Henry & Buker* (27526)]; also Dilltown; 3 mi E of Indiana; Willet. WASHINGTON: 4 mi NW of New Eagle [*Buker* (27510)]; also Monongahela; Washington.

Allium vineale L. -- FAYETTE: Banning [*Buker* (27550)]; also Connellsville. SOMERSET: Jennerstown [*Utch* 81-049]. WARREN: North Warren [*Moldenke* 16450].

Asparagus officinalis L. -- CAMERON: 5 mi SW of Driftwood [*Buker* (27290)]. CLEARFIELD: Mill Run [*Buker* (27292)]; also McGees Mills; Pennfield. CRAWFORD: Hartstown [*Buker* (27300)]. POTTER: 5 mi N of Cross Fork [*Buker* (27289)].

Chamaelirium luteum (L.) Gray -- FAYETTE: Chalkhill [*Buker* (27591)]; also 4 mi NW of Deer Lake. JEFFERSON: 8 mi NW of Punxsutawney [*Henry* (27606)].

Clintonia umbellulata (Michx.) Morong -- BEAVER: N of Allegheny County line on US 30 [*Henrici* (27800)]; also Mechanicsburg. FULTON: PA 915 at I-76 [*Buker* (27730)].

Convallaria majalis L. -- BEAVER: Tombell [*Henry* (84766)]. CLEARFIELD: Sabula [*McClelland* (242152)]. WARREN: Irvine [*Henry & Buker* (26765)].

Erythronium albidum Nutt. -- CRAWFORD: Meadville [*Darling* (74664)]. ERIE: Elk Creek [*Anderson & Anderson* (28002)]. LAWRENCE: New Castle [*Robinson* (28004)]. WARREN: Russell [*Grisez* 571]; also Warren.

Erythronium americanum Ker-Gawl. -- CAMERON: Sterling Run [*Buker* (28180)]. CLARION: St. Petersburg [*Henry* (28160)]; also 5 mi NE of East Brady; Lawsonham. FAYETTE: Connellsville [*Buker* (28150)]; also Dunbar; Indian Head; New Geneva; Ohiopyle; 2-3 mi S of Ralph; Smock. JEFFERSON: 6 mi SW of Brookville [*Buker* (28049)].

Hemerocallis fulva (L.) L. -- BUTLER: no further locality [*Lovell* (28206)]. LAWRENCE: Harlansburg [*Jennings* (28188)]. SOMERSET: Darcy [*Frost* (28194)]. WASHINGTON: 3.5 km ESE of Majorsville, West Virginia [*Thompson* 2436].

Hemerocallis lilioasphodelus L. [*H. flava* L.] -- ALLEGHENY: Sample [*Buker* (28186)].

Lilium canadense L. -- BEAVER: 3.5 mi W of Clinton [*Henry* (28295)]; also Reardons Run. FAYETTE: 3 mi from Banning [*Buker* (28282)]. WASHINGTON: Bavington [*Buker* (28267)]; also 6 mi E of Florence; Ringland Station; Venice.

Lilium philadelphicum L. -- CLARION: 6 mi N of Clarion [*Jennings* (28336)]. CRAWFORD: Meadville [*Whitesides* (59891)]. ELK: no further locality [*Jennings* (28312)]. FAYETTE: Chalkhill [*Buker* (28331)]; also Deer Lake. FULTON: 5 mi from McConnellsburg [*McClelland* (28305)]. JEFFERSON: Eibel Junction [*Henry & Roslund* (28335)]. POTTER: Cross Fork [*Barrie* 16358].

Lilium superbum L. -- BEAVER: Bocktown [*Buker* (28402)]; also Connoquenessing Creek; Fombell; Pine Grove; Reardons Run.

Maianthemum canadense Desf. -- WASHINGTON: Murdocksville [*Buker* (28622)].

Melanthium latifolium Desr. [*M. hybridum* Walt.] -- VENANGO: Pleasantville [*Homcr* (28884)].

Melanthium virginicum L. -- ARMSTRONG: no further locality [*Kriipe* (28889)]. PIKE: 2.5 mi ENE of Porters Lake [*DePue* 135].

Ornithogalum umbellatum L. -- LAWRENCE: Ellwood City [*Buker* (28910)].

Scilla sibirica Andr. -- ALLEGHENY: Edgeworth [*Macdonald & Stewart* LSCWA-20].

Smilacina racemosa (L.) Desf. -- CRAWFORD: Saegertown [*Buker* (29389)]; also Cambridge Springs; Cussewago Swamp; Hartstown; Linesville; Meadville; 3 mi ENE of Springboro; Westford.

Smilax glauca Walt. -- CAMERON: 3 mi S of Emporium [*Henry & Buker* (29664)]. SOMERSET: Somerset [*Henry & Buker* (29667)]; also 5 mi S of Bakersville; 6 mi E of Listonburg.

Smilax herbacea L. -- BEAVER: Fosters [*Graham, et al.* (29733)]; also Little Traverse Creek. WASHINGTON: 4 mi NW of Claysville [*Henry* (29691)].

Smilax hispida Muhl. ex Torr. -- CAMERON: Emporium [*Buker* (29830)].

Smilax rotundifolia L. -- FOREST: S of Warren County line along Allegheny River [*Buker* (29957)]. LAWRENCE: Plain Grove [*Buker* (29888)]. McKEAN: 3.2 mi W of Ceres [*Buker* (29926)]; also Kane. POTTER: Niles Mill [*Eimer* (29919)].

Stenanthium gramineum (Ker-Gawl.) Morong -- CRAWFORD: Harmonsburg [*Whitesides* (29994)]. SOMERSET: Bidwell Station [*Medsger* (30026)].

Streptopus roseus Michx. -- ELK: Dents Run [*Jennings* (30089)]. FAYETTE: Wymps Gap [*Jennings & Lewis* (30080)]. FOREST: 3 mi E of Endeavor [*Baker* (30070)]; also Clarington; Tionesta. VENANGO: 8.3 mi N of Oil City [*Baker* (30077)].

Trillium erectum L. var. **erectum** -- CAMERON: Sterling Run [*Baker* (160491)].

Trillium erectum L. var. **album** (Michx.) Pursh -- CLINTON: 3 mi NW of Lock Haven [*Henry & Baker* (160494)]. ERIE: Presque Isle [*Van Dersal* (160493)]. WASHINGTON: South Fork of Maple Creek [*Jennings* (160492)].

***Trillium flexipes** Raf. -- CRAWFORD: 3 mi SE of Linesville [*Jennings* (160495)]; also Hartstown. ERIE: 3 mi E of Union City [*Baker* (160497)].

Trillium sessile L. -- ERIE: 3 mi E of Union City [*Baker* (30342)].

Trillium undulatum Willd. -- ALLEGHENY: Woodville [*Farnsworth* (9288)].

Uvularia grandiflora Sm. -- WARREN: North Warren [*Moldenke* 15580].

Uvularia perfoliata L. -- LAWRENCE: Wurttemberg [*Baker* (30751)]; also Eastbrook. MERCER: Leesburg [*Henry & Beer* (30752)].

AMARYLLIDACEAE

Hypoxis hirsuta (L.) Coville -- CLARION: Lawsonham [*Bright* (31202)]. CRAWFORD: Meadville [*Whitesides* (59880)]. LAWRENCE: Plain Grove [*Baker* (31239)].

DIOSCOREACEAE

Dioscorea villosa L. -- ERIE: Waterford [*Henry & Baker* (31142)]. FULTON: Harrisonville [*Baker* (31114)]; also Big Tonoloway Creek; Buchanan State Forest. GREENE: 4 mi NE of Mt. Morris [*Henry & Baker* (31127)]. LAWRENCE: New Castle [*Robinson* (31125)]. WASHINGTON: 4 mi NW of Claysville [*Henry* (31124)].

IRIDACEAE

Iris germanica L. -- FAYETTE: Ohiopyle [*Baker* (89316)].

Iris pseudacorus L. -- CRAWFORD: Pymatuning Swamp [*Baker* (31258)]; also 6 mi NW of Canadohta Lake; Hartstown.

ERIE: Presque Isle [*Baker* (31263)]. MERCER: 10 mi NNE of Sharpsville [*Baker* (31254)]; also Stoneboro.

Iris sibirica L. -- SOMERSET: 2.5 mi SE of Windber [*Henry & Baker* (89315)].

Iris versicolor L. -- BEAVER: Ohioview [*Baker* (31285)]; also Reardons Run; Vanport. CLARION: 5-6 mi W of PA 854 on PA 861 [*Baker* (31284)].

Sisyrinchium montanum Greene var. **crebrum** Fern. -- WESTMORELAND: 3.5 mi SW of Rector [*Utech & Ohara* 82-197].

Sisyrinchium mucronatum Michx. -- CAMBRIA: 8 mi NE of Patton [*Kline* (17036)]. FULTON: 8 mi SE of Warfordsburg [*Baker & Beer* (17032)].

ORCHIDACEAE

Corallorhiza maculata (Raf.) Raf. -- MERCER: Sandy Lake [*Bousquet* (254198)].

***Cypripedium candidum** Muhl. ex Willd. -- VENANGO: no further locality [*Patterson* (17410)]; specimen annotated by John Atwood (1987) as "more likely *C. candidum*."

***Cypripedium parviflorum** Salisb. [*C. calceolus* L. var. *parviflorum* (Salisb.) Fern.] -- BEAVER: Little Beaver River [*Mansfield* (17470)]. CENTRE: State College [*Negley* (17479)]. ERIE: 2.5 mi NE of Union City [*Henry* (17459)]. FOREST: Tionesta [*Baker* (17427)]. HUNTINGDON: Birmingham [*Orlady* (17431)]. LUZERNE: Wilkes-Barre [*Wolle* (17409)]. NORTHAMPTON/LEHIGH: Bethlehem [*Wolle* (17414)]. VENANGO: [locality illegible] [*Shafer* 590].

Epipactis helleborine (L.) Crantz -- ALLEGHENY: Glenfield [*Baker* (21296)]; also Sewickley. ARMSTRONG: Parker [*Baker* (9912)]. HUNTINGDON: Trough Creek State Park [*Cusick* 26783]. WESTMORELAND: 4.5 mi SW of Rector [*Utech* 81-307].

Liparis loeselii (L.) L.C. Rich. -- LAWRENCE: Plain Grove [*Baker* (254179)].

Platanthera ciliaris (L.) Lindl. -- CLEARFIELD: Pine Township [*Cusick* 21000].

Platanthera clavellata (Michx.) Luer -- CAMERON: Medix Run and Sinnemahoning-Piper roads [*Baker* (254180)]. WESTMORELAND: Powdermill Nature Reserve [*Leberman* (17711)].

Platanthera flava (L.) Lindl. var. **herbiola** (R. Br.) Luer -- CLEARFIELD: 2.2 mi S of Glen Hope [*Baker* (17811)]. DAUPHIN: Loyaltown [*Berkheimer* 13622].

Platanthera lacera (Michx.) G. Don -- CLARION: I-80 and PA 338 [*Gates* (320243)]; also PA 854 at Clarion River.

Spiranthes lucida (H.H. Eat.) Ames -- BUTLER: Moraine State Park [*Lochner* (31992)].

SALICACEAE

**Populus balsamifera* L. -- ALLEGHENY: Verona [*Van Dersal* (32067)]. BERKS: Bernharts [*Berkheimer* 3034a].

Populus deltoides Bartr. ex Marsh. -- ELK: Ridgway [*Grisez* 682].

Salix alba L. -- CRAWFORD: Linesville [*Jennings* (32485)]; also Hartstown. LAWRENCE: New Castle [*Bright* (32469)]. WARREN: Russell [*Grisez* 529].

**Salix amygdaloides* Anderss. -- BRADFORD: 2.5 mi NNW of Wyalusing [*Grinn* (32462)]. LYCOMING: Waterville [*Bright* (32464)].

Salix bebbiana Sarg. -- ALLEGHENY: Undercliff [*Bright* (32496)]; also Wildwood. ARMSTRONG: opposite West Winfield [*Henry & Beer* (32539)]. ERIE: State Game Lands 154 [*Henry & Buker* (32530)]; also Presque Isle; 2.5 mi NE of Union City. FAYETTE: Elliotsville [*Buker* (32498)]. SOMERSET: Salisbury [*Henry & Buker* (32533)].

Salix caprea L. -- MERCER: 4-5 mi SW of Sandy Lake [*Erdman* 4070].

Salix caroliniana Michx. [*S. longipes* Shuttlew. var. *wardii* (Bebb) Schneid.] -- ERIE: Presque Isle [*Jennings & Jennings* (32555)]. GREENE: Bluff [*Henry & Beer* (32554)]. WASHINGTON: Hanlin [*Jennings* (32557)].

Salix discolor Muhl. -- ARMSTRONG: Sherrett [*Henry* (32648)]. CLINTON: 5 mi NW of Keating [*Buker* (32605)]. LAWRENCE: Slippery Rock Creek at Muddy Creek [*Buker* (32574)]; also 2.5 mi NW of Eastbrook. GREENE: 1.9 km ESE of Majorsville, West Virginia [*Thompson & Nishida* 2253].

Salix eriocephala Michx. [*S. rigida* Muhl.] -- INDIANA: 3-4 mi N of Saltsburg [*Jennings* (33245)].

Salix exlguia Nutt. [*S. interior* Rowlee] -- ELK: no further locality [*Deer* (32984)]. GREENE: Jefferson [*Henry & Beer* (32955)]. McKEAN: Morrison [*Henry & Buker* (32910)].

Salix humilis Marsh. -- BEAVER: 4 mi W of Darlington [*Henry & Beer* (32786)]. ERIE: Wattsburg [*Buker* (32804)]; also Presque Isle. LAWRENCE: Muddy Creek Falls [*Buker* (32894)]; also Eastbrook; 3 mi NE of Enon Valley; Plain Grove. MERCER: Drake [*Henry* (32785)].

Salix lucida Muhl. -- CAMERON: 5 mi W of Emporium [*Buker* (33044)]; also Driftwood. CLINTON: Tamarack [*Henry & Roslund* (33035)].

Salix petiolaris Sm. [*S. gracilis* Anderss. var. *textoris* Fern.] -- CLARION: Lawsonham [*Bright* (32736)]; also Redbank. LANCASTER: Lancaster [*Porter* (9718)].

MYRICACEAE

Comptonia peregrina (L.) Coult. -- CAMERON: 3 mi S of Emporium [*Henry & Buker* (33606)]; also 7 mi NW of Emporium. McKEAN: North Branch of Sugar Run [*Grisez* 621]. SOMERSET: Stony Creek Township [*Mostoller* (33662)].

JUGLANDACEAE

Carya cordiformis (Wang.) K. Koch -- ARMSTRONG: Johnetta [*Jennings* (fruit collection)]. INDIANA: Conemaugh Reservoir [*Henry* (fruit collection)].

Carya glabra (P. Mill.) Sweet -- ARMSTRONG: Kittanning [*Neale* (33736)].

Carya ovalis (Wang.) Sarg. -- CAMBRIA: St. Lawrence [*Jennings* (33823)]. CLARION: Clarion [*Jennings & McKee* (33821)]. FAYETTE: Obiopyte [*Bright* (33825)]. GREENE: 5 mi NE of Graysville [*Henry & Buker* (33839)]. JEFFERSON: 5 mi NE of Sigel [*Henry* (33817)]. VENANGO: 3 mi NE of Emlenton [*Henry* (fruit collection)]; also Deckard. WASHINGTON: Bavington [*Jennings* (fruit collection)].

Carya ovata (P. Mill.) K. Koch -- CRAWFORD: Linesville [*Jennings* (33896)]; also Cambridge Springs. WARREN: North Warren [*Moldenke* 15574].

Carya tomentosa (Poir.) Nutt. -- ELK: Medix Run [*Jennings* (33972)]. FOREST: West Hickory [*Buker* (33959)]. LYCOMING: 3 mi S of Waterville [*Fox* (34007)]. MERCER: Mercer [*Phillips* 432].

Juglans nigra L. -- BEAVER: 3 mi NE of Economy [*Jennings, et al.* (fruit collection)]. INDIANA: Conemaugh Reservoir [*Henry* (fruit collection)]. MERCER: Osgood [*Henry & Buker* (fruit collection)].

BETULACEAE

Betula populifolia Marsh. -- CAMBRIA: 3 mi SE of Nicktown [*Kline* (34783)]. MERCER: 4-5 mi SW of Sandy Lake [*Erdman* 5322]; also Perrine Corners.

Carpinus caroliniana Walt. -- LAWRENCE: 3 mi N of Plain Grove [*Thomas & Thompson* 2957].

Corylus americana Walt. -- CAMBRIA: Vintondale [*Henry & Buker* (35066)]; also 4.5 mi NE of Patton. CAMERON: 3 mi S of Emporium [*Henry & Buker* (35034)].

Ostrya virginiana (P. Mill.) K. Koch -- WARREN: State Game Lands 29 [*Grisez* 697].

FAGACEAE

Quercus alba L. -- McKEAN: 12 mi W of Bradford [*Grisez* 386].

Quercus bicolor Willd. -- ARMSTRONG: 6 mi S of New Bethlehem [*Henry & Beer* (35658)]. CAMBRIA: Flinton [*Jennings* (35649)]. SOMERSET: Stoney Creek [*Bright* (35665)].

Quercus coccinea Muenchh. -- SOMERSET: Glencoe [*Graham* (35720)].

Quercus ilicifolia Wang. -- ELK: Medix Run [*McClelland* (35797)]. FAYETTE: 3-4 mi NW of Deer Lake [*Henry* (35794)]; also Summit. TIOGA: Gaines [*Jennings* (35804)].

Quercus macrocarpa Michx. -- CAMBRIA: between St. Lawrence and Patton [*Little* (35913)]. MERCER: Osgood [*Krouse* (35915)].

Quercus montana Willd. [*Q. prinus* L.] -- CLARION: Cook Forest [*Jennings* (36250)]. CRAWFORD: Hartstown [*Jennings* (36246)]. McKEAN: 4 mi E of Willow Bay [*Grisez* 620].

Quercus palustris Muenchh. -- FAYETTE: 7 mi E of Uniontown [*Jennings* (36128)]. SOMERSET: 4 mi NW of Berlin [*Jennings & Boardman* (36160)].

Quercus prinoides Willd. -- CLINTON: Lock Haven to Vilas [*Jennings* (36219)]. MERCER: Mercer to Millburn [*Jennings* (36212)]. VENANGO: Oil City [*Patterson* (36208)]. WARREN: Warren [*Moldenke* 14775].

Quercus x saulli Schneid. -- BUTLER: Valencia [*Jennings* (35608)].

ULMACEAE

Celtis occidentalis L. [including *C. canina* Raf.] -- BEAVER: no further locality [*Andriessen* (84466)]. BUTLER: Middle Lancaster [*Lochner* (136834)]. LAWRENCE: Connoquenessing Gorge [*Jennings* (84472)]. WARREN: Irvine [*Grisez* 347].

Ulmus americana L. -- ERIE: Presque Isle [*Jennings* (36932)]; also Fairview. FAYETTE: 3 mi SW of Brownsville [*Henry* (36890)].

Ulmus pumila L. -- BEDFORD: Lutzville [*Henry & Buker* (84587)].

Ulmus rubra Muhl. -- ELK: Caledonia [*Buker* (37086)]. FOREST: between Truemans and Porkey [*Buker* (136880)]. McKEAN: 3.3 mi N of Crosby [*Buker* (136891)]. WARREN: North Warren [*Moldenke* 15381].

MORACEAE

Humulus lupulus L. -- FAYETTE: Indian Head [*Jennings* (35964)]. WASHINGTON: Bavington [*Buker* (35956)].

Morus alba L. -- ERIE: Presque Isle [*Grisez* 926]. GREENE: 5 mi above mouth of Dunkard Creek [*Graham* (36965)]. WASHINGTON: 4 mi W of New Eagle [*Thompson* 3701].

Morus rubra L. -- ARMSTRONG: Kittaning [*Neale* (36371)]. FAYETTE: Ohiopyle [*Jennings* (36352)].

URTICACEAE

Boehmeria cylindrica (L.) Sw. -- WASHINGTON: between New Eagle and Monongahela [*Henry & Buker* (35986)].

Parietaria pensylvanica Muhl. ex Willd. -- ERIE: Presque Isle [*Grisez* 981]. SOMERSET: Stoystown [*Patterson* (36638)].

Pilea pumila (L.) Gray -- ELK: Caledonia [*Buker* (36494)].

Urtica dioica L. -- CAMERON: 3 mi N of Emporium [*Henry & Buker* (36650)].

SANTALACEAE

**Pyralaria pubera* Michx. -- SOMERSET: between Confluence and Harnedsville [*Buker* (36994)].

ARISTOLOCHIACEAE

Aristolochia macrophylla Lam. [*A. durior* Hill] -- WASHINGTON: Washington [*Fulton* (37059)].

Aristolochia serpentaria L. -- ARMSTRONG: no further locality [*Knipe* (37138)].

Asarum canadense L. -- CLINTON: Hyner [*Buker* (37194)]; also Renovo to Haneyville. FAYETTE: Connellsville [*Buker* (285444)]; also 3 mi SW of Brownsville; Cheat Haven; Dunbar; Killarney Park; New Geneva; Ohiopyle; 2-3 mi S of Ralph; Smock. FRANKLIN: 4.5 mi SE of Mercersburg [*Henry & Buker* (37313)]. FULTON: Warfordsburg [*Buker & Beer* (37388)]; also Dickeys Mountain.

POLYGONACEAE

Polygonum amphibium L. [including *P. coccineum* Muhl.] -- BEAVER: Shippingport [*Henrici* (37511)]. GREENE: Graysville [*Buker* (37713)].

Polygonum aviculare L. -- FAYETTE: Ohiopyle [*Bright* (37576)].

Polygonum caespitosum Blume var. **longisetum** (DeBruyn) Stewart -- CLINTON: 2-3 mi E of Grove [Henry & Buker (37587)]. WARREN: Irvine [Grisez 579]. WASHINGTON: Paris [Cusick 23225].

Polygonum cilinode Michx. -- CAMBRIA: Elton [Henry & Beer (37663)].

Polygonum convolvulus L. -- FOREST: West Hickory [Grisez 645]. WARREN: Warren [Moldenke 14552].

Polygonum cuspidatum Sieb. & Zucc. -- BUTLER: Meridian [Netting (37776)]. CAMBRIA: Barnesboro [Kline (38294)]. JEFFERSON: Timblin [Henry & Beer (37785)]. McKEAN: 3 mi W of Marshburg [Grisez 587]; also Allegheny National Forest. WASHINGTON: S of Mayview [Dart (37789)]; also McDonald.

Polygonum hydropiperoides Michx. -- BEAVER: Shippingport [Ohlsson 3324]. CLINTON: 3 mi S of Renovo [Buker (37827)]; also Keating. POTTER: Coudersport [Farnsworth (9292)]. WASHINGTON: Florence [Buker (37845)].

Polygonum lapathifolium L. -- CAMBRIA: Van Ormer [Buker (37906)].

Polygonum orientale L. -- CAMBRIA: Nicktown [Kline (37977)]. WESTMORELAND: Blairsville [Holmes (37963)].

Polygonum persicaria L. -- CAMERON: Truman [Henry & Buker (38146)].

Polygonum punctatum Ell. -- ELK: Medix Run [Buker (38213)]. POTTER: Wharton [Henry (38327)].

Polygonum sachalinense F. Schmidt ex Maxim. -- ALLEGHENY: Pittsburgh [Cusick 25784]. WARREN: W of McKean County line on PA 59 [Grisez 695].

Rumex altissimus Wood -- LAWRENCE: Ellwood City [Buker (38676)].

Rumex obtusifolius L. -- GREENE: 1.9 km ESE of Majorsville, West Virginia [Thompson & Nishida 2067].

Rumex verticillatus L. -- ELK: Medix Run [Buker (38933)]. INDIANA: Smicksburg [Henry & Beer (38936)].

CHENOPODIACEAE

Chenopodium ambrosioides L. -- GREENE: 1.9 km ESE of Majorsville, West Virginia [Thompson & Nishida 2042].

Chenopodium botrys L. -- WASHINGTON: New Eagle [Boufford & Foust 21188].

Chenopodium glaucum L. -- SOMERSET: Somerset [Cusick 26947].

Chenopodium standleyanum Aellen -- JEFFERSON: Brookville [Henry & Buker (39355)].

Kochia scoparia (L.) Roth -- ALLEGHENY: Pittsburgh [Cusick 25788]. SOMERSET: Somerset [Cusick 26944].

Salsola kali L. -- ALLEGHENY: Emsworth [Buker (39371)]; also McKeesport. BEAVER: Morado [Henry & Jennings (39373)]. FULTON: Big Tonoloway Creek [Buker (39372)].

AMARANTHACEAE

Amaranthus blitum [A. *lividus* L.] -- ERIE: Presque Isle [Grisez 942].

Amaranthus retroflexus L. -- WASHINGTON: 3.7 km ESE of Majorsville, West Virginia [Thompson & Nishida 2097].

PHYTOLACCACEAE

Phytolacca americana L. -- LAWRENCE: New Wilmington [Henlen 338].

AIZOACEAE

Mollugo verticillata L. -- ERIE: Presque Isle [Grisez 952].

PORTULACACEAE

Claytonia caroliniana Michx. -- BUTLER: Criders Corners [Hopkins (39657)]. MERCER: Perrine Corners [Buker & Erdman (39642)].

Claytonia virginica L. -- CAMERON: Sterling Run [Henry & Buker (39751)]. ERIE: North East [Selkregg (39775)]. FOREST: Brookston [Kosinski (39777)]. POTTER: Coudersport [Eimer (39770)]. WARREN: Warren [Simpson (39776)]; also Russell.

Portulaca grandiflora Hook. -- ALLEGHENY: Pittsburgh [Shafer (84663)]. BEAVER: Georgetown [Heurici (39729)].

Portulaca oleracea L. -- ALLEGHENY: Pittsburgh [Gittings (39739)]. WARREN: Warren [Grisez 540]. WASHINGTON: Washington [Wilson 205].

CARYOPHYLLACEAE

Agrostemma githago L. -- BEAVER: Beaver [Andriessen (39938)]. FAYETTE: Normalville [Utech 84-377]. SOMERSET: Scullton [Utech 84-353].

Arenaria serpyllifolia L. -- CAMERON: 2.8 mi N of Sinnemahoning [Baker (40007)]. CLARION: Bradys Bend [Baker (40008)]. VENANGO: Oil Creek State Park [Grisez 587]. WARREN: North Warren [Moldenke 15378].

Cerastium arvense L. -- McKEAN: Bradford [Baker (40088)]. UNION: Lewisburg [Clark (40089)].

Cerastium glomeratum Thuill. -- CAMERON: 7 mi NW of Driftwood [Baker (40184)]. ERIE: Erie [Farrell (40186)].

Dianthus armeria L. -- FOREST: 2.25 mi SW of West Hickory [Grisez 644]; also Endeavor. MERCER: 4.5 mi NW of Mercer [Baker (40275)]; also Drake; Leesburg. WARREN: Warren [Moldenke 15802].

Dianthus barbatus L. -- POTTER: 13 mi S of Coudersport [Thompson (40392)].

Dianthus deltoides L. -- ALLEGHENY: Monroeville [Phelps (40381)].

Lychnis coronaria (L.) Desr. -- ERIE: Presque Isle [Baker (40519)]. MERCER: Leesburg [Baker (40512)]. VENANGO: President [Baker (40518)].

Moechringia lateriflora (L.) Fenzl -- McKEAN: Coryville [Baker (39949)]. WARREN: Columbus [Jennings (39956)]. WESTMORELAND: Hillside [Baker (39958)]; also Tunnelton.

Myosoton aquaticum (L.) Moench -- ALLEGHENY: Fox Chapel [Baker (40490)]; also Mayview. CRAWFORD: State Game Land 214 [Bissell 1984:126]. ELK: Millstone [Baker (40489)]. FULTON: Big Tonoloway Creek [Baker (40504)]. LAWRENCE: mouth of Slippery Rock Creek [Baker (40485)]; also Connoquenessing Gorge.

Paronychia canadensis (L.) Wood -- CRAWFORD: Meadville [Darling (203234)].

Paronychia fastigiata (Raf.) Fern. -- ARMSTRONG: Freeport [Boardman (40603)]. GREENE: Jefferson [Henry & Baker (40604)].

Petrorhagia saxifraga (Scop.) Link -- ERIE: 3 mi W of Erie (escape) [Jennings (41550)].

Saponaria officinalis L. -- McKEAN: Bradford [Baker (40665)].

Scleranthus annuus L. -- MERCER: Sharon [Cusick 23645].

Silene armeria L. -- CLARION: Foxburg [Baker (40779)].

Silene dichotoma Ehrh. -- WASHINGTON: Florence [Henry & Beer (40815)].

Silene dioica (L.) Clairville -- ALLEGHENY: Pittsburgh [Bright (40526)]. CLARION: Cook Forest [Jennings (40524)]. CRAWFORD: 3 mi S of Meadville [Lebernan (40523)].

Silene latifolia Poir. subsp. *alba* (Mill.) Greuter & Burdet [S. *alba* (Mill.) Krause] -- CAMERON: Emporium [Baker (40418)]. FAYETTE: Connellsville [Baker (40423)].

Silene noctiflora L. -- LAWRENCE: Plain Grove [Baker (40954)]. SOMERSET: New Baltimore [Jennings (40965)].

Silene stellata (L.) Ait. f. -- CAMBRIA: Johnstown [Jennings (41012)]; also Eckenrode Mill. ERIE: Waterford [Jennings (41018)]. MERCER: 5 mi NW of Mercer [Baker (40994)].

Silene virginica L. -- WARREN: Warren [Moldenke 16363].

Silene vulgaris (Moench) Garcke -- ALLEGHENY: Emsworth [Baker (40897)]; also Bradford Woods; Mt. Lebanon. CAMERON: 6 mi W of Driftwood [Baker (40890)]. FOREST: Tionesta [Baker (40891)]. INDIANA: Marchand [Henry (40925)]; also 3 mi NE of Saltsburg.

Spergula arvensis L. -- VENANGO: 5 mi SE of Oil City [Henry (41230)]. WARREN: North Warren [Moldenke 15809].

Stellaria alsine Grimm -- ARMSTRONG: Redbank [Bright (41330)]. VENANGO: Emlenton [Baker (25970)]. WARREN: 9 mi E of Warren [Grisez 589].

Stellaria graminea L. -- ARMSTRONG: 6 mi NNE of Leechburg [Henry & Beer (41420)]. CAMBRIA: 3.2 mi NW of Glasgow [Baker (41398)]. CAMERON: 6 mi W of Driftwood [Baker (41397)].

Stellaria longifolia Muhl. ex Willd. -- FULTON: Harrisonville [Baker (9906)]. WASHINGTON: Murdocksville [Mason (41441)].

Stellaria media (L.) Vill. -- JEFFERSON: Anita [Henry & Baker (41246)]. McKEAN: Lafayette [Baker (41250)].

Stellaria pubera Michx. -- McKEAN: Custer City [Baker (9894)].

Vaccaria pyramidata Medic. -- BUTLER: Callery [Bright (40756)]. CAMERON: Driftwood [Bright (40755)]. SOMERSET: between Confluence and Harnedsville [Baker (40754)]. VENANGO: President [Baker (40757)].

NYMPHAEEACEAE

Brasenia schreberi J.F. Gmel. -- CAMERON: 4 mi W of Driftwood [Baker (41786)].

Cabomba caroliniana Gray -- CRAWFORD: Meadville [Carling (10395)].

Nuphar lutea (L.) Sibth. & Sm. [including *N. advena* (Ait.) Ait. f.] -- ELK: 4 mi W of Dents Run [Henry & Baker (41637)]. INDIANA: Yellow Creek State Park [Polechko (unmounted)].

Nymphaea odorata Ait. [including *N. tuberosa* Paine] -- MERCER: Stoneboro [Baker (41734)]. WARREN: Akeley [Grisez 663]. WESTMORELAND: Rector [Nishida & Keplinger 756].

RANUNCULACEAE

Actaea pachypoda Ell. -- FULTON: Sideling Hill [*Henry & Buker* (41848)]. GREENE: 5 mi NW of Ryerson Station [*Buker* (41846)]. INDIANA: Glen Campbell [*Henry & Beer* (41796)]; also Pine Flats.

Actaea rubra (Ait.) Willd. -- CLINTON: Tamarack [*Buker* (42014)]. McKEAN: 3.3 mi N of Crosby [*Buker* (42003)].

Anemone canadensis L. -- ARMSTRONG: Parker [*Buker* (52988)]. HUNTINGDON: Sinking Valley [*Bright* (41966)]. INDIANA: 3 mi NE of Saltsburg [*Jennings* (41065)].

Anemone quinquefolia L. -- BRADFORD: Towanda [*Young* (42142)]. CLINTON: 3.7 mi W of Keating [*Buker* (42108)]; also 3 mi NW of Lock Haven. JEFFERSON: near Elk County line on PA 949 [*Buker* (42077)]; also 8 mi NE of Sigel; 5 mi SE of Sigel. UNION: Lewisburg [*Savage* (42040)]. WARREN: Irvine [*Henry & Buker* (42032)]; also 4.3 mi S of Corydon; Russell; Warren. WASHINGTON: Burgettstown [*Bright* (42030)].

Aquilegia canadensis L. -- GREENE: 3.6 km SSW of West Finley [*Thompson & Nishida* 2331]; also between Davistown and Bobtown. WARREN: 5.5 mi E of Columbus [*Henry & Buker* (42572)]; also Akeley; North Warren.

Aquilegia vulgaris L. -- ALLEGHENY: Glenshaw [*Bright* (42667)]; also Pittsburgh; Natrona. BEAVER: Industry [*Andriessen* (42665)]. FAYETTE: Ohiopyle [*Buker* (42662)]. FOREST: 10 mi NE of Marienville [*Buker & Krouse* (42659)]; also Clarrington. McKEAN: N of Elk County line on US 219 [*Buker* (42656)]. POTTER: Coudersport [*Barrie* 16281]. WARREN: Warren [*Simpson* 14532].

Caltha palustris L. -- ARMSTRONG: Mahoning Creek [*Henry & Buker* (42757)]; also 2.5 mi NW of West Lebanon. BEAVER: Beaver [*Andriessen* (42813)]; also Bocktown; Mechanicsburg. CLARION: between Fisher and Strattonville [*Buker* (42756)]. WASHINGTON: Washington [*Fulton* (42823)].

**Cimicifuga americana* Michx. -- INDIANA: 2.5 mi N of Armagh [*Henry & Beer* (42950)].

Cimicifuga racemosa (L.) Nutt. -- CAMERON: 3 mi S of Emporium [*Henry & Buker* (43027)]. TIOGA: Wellsboro [*Farnsworth WP-592*].

Consolida ambigua (L.) Ball & Heywood [*Delphinium ajacis* L.] -- CAMBRIA: St. Benedict [*Kline* (43218)].

Coptis trifolia (L.) Salisb. [*C. groenlandica* (Oed.) Fern.] -- BUTLER: Blacks Creek [*Lochner* (unmounted)].

**Delphinium exaltatum* Ait. -- FAYETTE: Brownsville [*Lewis* (43203)].

Delphinium tricornis Michx. -- BUTLER: Ambridge [*Harsh* (43304)]; also Zelenople.

Helleborus viridis L. -- BUTLER: Connoquenessing [*Belles* (43410)].

Hepatica nobilis P. Mill. var. *obtusata* (Pursh) Steyererm. [*H. americana* (DC.) Ker-Gawl.] -- CAMERON: 3.1 mi E of Dents Run [*Buker* (43595)]. ELK: Weedville [*Buker* (43597)]. ERIE: Erie [*Henlen* (43551)]. FAYETTE: Mill Run [*Henry* (43569)]; also Indian Head; Ohiopyle. POTTER: Coudersport [*Eimer* 9].

Hydrastis canadensis L. -- CRAWFORD: Harmonsburg [*Whitesides* (252503)].

Ranunculus acris L. -- FAYETTE: Ohiopyle [*Buker* (9937)]. WASHINGTON: Bavington [*Buker* (202012)].

Ranunculus allegheniensis Britt. -- CLINTON: Lock Haven [*Henry & Buker* (44164)].

Ranunculus bulbosus L. -- ALLEGHENY: Pittsburgh [*Buker* (44275)]. WASHINGTON: 3 mi W of McMurray Road and US 19 [*Utech, et al.* 82-174].

Ranunculus flabellaris Raf. -- ERIE: Presque Isle [*Van Dersal* (44256)].

Ranunculus hispidus Michx. -- CAMERON: Sterling Run [*Henry & Buker* (44305)]. ELK: Grant [*Buker* (44295)]. McKEAN: N of Elk County line on US 219 [*Buker* (44392)].

**Ranunculus micranthus* Nutt. -- WASHINGTON: New Eagle [*Buker* (44472)].

Ranunculus repens L. -- BEAVER: Smiths Ferry [*Henry* (44756)]. FRANKLIN: Mercersburg [*Porter* (44735)]. McKEAN: Derrick City [*Buker* (44745)]. WARREN: Akeley [*Buker* (44748)].

Thalictrum dioicum L. -- CAMERON: 5 mi W of Emporium [*Buker* (45105)]. CLARION: Sarah Furnace [*Henry & Buker* (44967)]. CLINTON: Tamarack [*Graffius* (45020)]. POTTER: Galeton [*Jolley* (265026)].

Thalictrum revolutum DC. -- BUTLER: no further locality [*Passavant* (45342)]. CLEARFIELD: Clearfield [*Jennings* (45335)]. CRAWFORD: Meadville [*no collector* (74607)].

Thalictrum thalictroides (L.) Eames & Boivin [*Anemonella thalictroides* (L.) Spach] -- CAMERON: 3 mi S of Emporium [*Henry & Buker* (42369)].

BERBERIDACEAE

Berberis thunbergii DC. -- ELK: Dahoga [*Grisez* 546]. ERIE: Presque Isle [*Bright* (45431)]. VENANGO: 5 mi SE of Oil City [*Henry* (45421)]. WARREN: 8 mi SE of Warren [*Grisez* 553].

Berberis vulgaris L. -- ELK: Medix Run [*McClelland* (45406)]. LAWRENCE: Rock Point [*Lebrnman* (45393)].

MENISPERMACEAE

Menispermum canadense L. -- WARREN: Buckaloons Recreation Area [*Grisez 354*].

MAGNOLIACEAE

Liriodendron tulipifera L. -- CAMERON: Sinnemahoning State Park [*Baker (45862)*]. FOREST: Allegheny National Forest [*Baker (45848)*]. POTTER: 4 mi N of Cameron [*Baker (45870)*]. WASHINGTON: 3.7 km ESE of Majorsville, West Virginia [*Thompson & Nishida 2413*]; also California.

ANNONACEAE

Asimina triloba (L.) Dunal -- ADAMS: Iron Springs [*Henry & Baker (45969)*]. LAWRENCE: Neshannock Falls [*Jennings (46017)*].

LAURACEAE

Lindera benzoin (L.) Blume -- MCKEAN: Ormsby [*Grisez 535*]. VENANGO: Utica [*Henry & Beer (46093)*].

Sassafras albidum (Nutt.) Nees -- CAMERON: 7 mi NW of Emporium [*Henry & Roslund (46165)*]. GREENE: Deep Valley [*Henry (46170)*]. MCKEAN: 5 mi W of Marshburg [*Grisez 622*].

PAPAVERACEAE

Chelidonium majus L. -- CAMBRIA: Flinton [*Baker (202010)*]; also Johnstown; 3 mi SE of Martindale; Nicktown. CAMERON: Sterling Run [*Baker (46302)*]. JEFFERSON: 3.5 mi S of Ohl [*Henry & Beer (46336)*]. WARREN: North Warren [*Moldenke 14666*].

Papaver rhoeas L. -- FRANKLIN: Sylvan [*Baker (46745)*]. FULTON: Big Tonoloway Creek [*Baker (46748)*]; also Harrisonville. HUNTINGDON: Marklesburg (escape) *Knepp (46746)*].

Sanguinaria canadensis L. -- CLARION: Sarah Furnace [*Baker (46771)*]. CLINTON: 3 mi SW of Westport [*Henry & Baker (46831)*]. FOREST: Tionesta [*Baker & Henry (46773)*]. VENANGO: Oil City [*Patterson (46848)*].

FUMARIACEAE

Adlumia fungosa (Ait.) Greene ex B.S.P. -- SOMERSET: Fairhope [*Baker (46263)*]; also Williams.

Corydalis flavula (Raf.) DC. -- CRAWFORD: Pymatuning [*Van Dersal (46446)*]. ERIE: Presque Isle [*Henlen (46445)*]. LAWRENCE: Ellwood City [*Henry & Baker (46447)*]. SOMERSET: 6 mi E of Wellersburg [*Henry & Beer (46429)*]. VENANGO: Lisbon [*Mozingo (46421)*].

Corydalis sempervirens (L.) Pers. -- CAMERON: Emporium [*Baker (46494)*]. POTTER: Coudersport [*Wible 617*].

Dicentra canadensis (Goldie) Walp. -- CLINTON: Hyner [*Baker (46563)*]. INDIANA: 2.5 mi N of Armagh [*Henry & Beer (46573)*]. LAWRENCE: 2.5 mi NW of Eastbrook [*Baker (46597)*]; also New Castle. WARREN: 4.6 mi SW of Kinzua [*Henry & Baker (46591)*]; also 3 mi E of Columbus; Warren.

Dicentra cucullaria (L.) Bernh. -- CAMERON: 3 mi NW of Driftwood [*Baker (46672)*]. CLINTON: Hyner View [*Henry & Baker (46642)*]. FULTON: Dickeys Mountain [*Baker (46671)*]. LAWRENCE: 2.5 mi NW of Eastbrook [*Baker (46674)*]. SOMERSET: Confluence [*Henry (46656)*].

BRASSICACEAE

Alliaria petiolata (Bieb.) Cavara & Grande -- CLARION: Sarah Furnace [*Baker (9900)*]. GREENE: 1.9 km ESE of Majorsville, West Virginia [*Thompson & Nishida 2337*]; also 2.4 mi E of Rogersville; 4 mi N of Ryerson. WARREN: Irvine [*Grisez 531*]; also West Hickory. WASHINGTON: West Finley [*Thompson & Nishida 2310*]; also Lawrence; Paris. WESTMORELAND: Rector [*Leberman (46933)*].

Alyssum alyssoides (L.) L. -- FULTON: Tuscarora Mountain [*Baker (47038)*]; also Harrisonville.

Arabis canadensis L. -- ERIE: Weis Library Woods [*Jennings (47067)*]; also Presque Isle.

Arabis glabra (L.) Bernh. -- FAYETTE: Ohiopyle [*Jennings & Graham (47145)*]. FULTON: Harrisonville [*Baker (47118)*].

Arabis laevigata (Muhl. ex Willd.) Poir. -- CAMERON: Sterling Run [*Henry & Baker (47425)*]. CLARION: Sarah Furnace [*Henry & Baker (47163)*]. CLINTON: 3 mi NW of Lock Haven [*Henry & Baker (47232)*]; also Hyner; 5 mi NW of Keating; 5 mi E of Sinnemahoning. JEFFERSON: Heathville [*Henry & Beer (47434)*]. POTTER: 13 mi S of Coudersport [*Thompson (47433)*]. WARREN: 2.5 mi S of Tidioute [*Henry (47178)*].

Arabis lyrata L. -- CAMERON: 7 mi NW of Driftwood [*Baker (47331)*]. GREENE: Jefferson [*Henry & Beer (47367)*].

Arabis patens Sulliv. -- CLEARFIELD: 2.6 mi E of Bells Landing [*Henry (47410)*]. FULTON: Big Tonoloway Creek [*Bright (47411)*].

Arabis shortii (Fern.) Gleason [*A. perstellata* E.L. Br. var. *shortii* Fern.] -- UNION: Lewisburg [*Manning (47403)*].

Armoracia rusticana (Lam.) Gaertn., Mey. & Scherb. -- ERIE: Union City [Baker (46983)]. WESTMORELAND: 3 mi E of Greensburg [Demoise (46989)].

Barbarea vulgaris R.Br. -- LAWRENCE: Eastbrook [Henry & Beer (47517)].

Brassica juncea (L.) Czern. -- ARMSTRONG: Parkers Landing [Henry & Baker (47685)]. BEAVER: Big Traverse Creek [Baker & Henrici (47691)]; also Shippingport. CRAWFORD: 3 mi SSE of Meadville [Lebennan (47684)]. FOREST: 5 mi N of Tionesta [Baker (47708)]. GREENE: Jefferson [Henry & Beer (47693)]. McKEAN: Kane [Bright (47690)]. SOMERSET: Roaring Fork of Shade Creek [Henry & Baker (47694)]. VENANGO: Emlenton [Henry (47682)]. WASHINGTON: New Eagle [Baker (47706)]; also Mingo Creek.

Brassica nigra (L.) Koch -- ERIE: Erie [Bright (47748)]; also Presque Isle. LAWRENCE: Chewton to Rock Point [Shafer (47741)]. SOMERSET: 4 mi N of Somerset [Jennings (47744)].

Brassica oleracea L. -- CRAWFORD: Hartstown [Bright 1751].

Camelina microcarpa Andr. ex DC. -- ALLEGHENY: Emsworth [Boufford, et al. 21123].

Camelina sativa (L.) Crantz -- ALLEGHENY: Highwood Cemetery [Ferguson (224391)].

Capsella bursa-pastoris (L.) Medic. -- CAMERON: N of Clearfield County line along Sinnemahoning-Piper road [Baker (47751)]; also Cameron. FAYETTE: 2-3 mi S of Ralph [Henry & Beer (47781)]; also Ohioople.

Cardamine bulbosa (Schreb. ex Muhl.) B.S.P. -- FOREST: 3 mi SE of Tionesta [Baker (47913)]; also West Hickory.

Cardamine concatenata (Michx.) O.E. Schulz [*Dentaria laciniata* Muhl.] -- CLINTON: Hyner View [Henry & Baker (48674)]. CRAWFORD: Conneaut [Baker (48676)]. ELK: 2.3 mi W of Grant [Baker (48818)]. McKEAN: 5 mi NW of Marshburg [Baker (48672)].

Cardamine douglassii Britt. -- ERIE: Mill Village [Baker (48009)]; also Union City.

Cardamine hirsuta L. -- ERIE: Presque Isle [Grisez 710]. FAYETTE: Connellsville [Baker (48060)]. WASHINGTON: West Finley [Thompson & Nishida 2243].

Cardamine parviflora L. var. *arenicola* (Britt.) O. Schulz -- ARMSTRONG: Mahoning Creek [Henry & Baker (48152)]. CLARION: Sarah Furnace [Baker (48132)]; also 4 mi NNE of Sligo. INDIANA: Saltsburg [Henry (48142)]. SOMERSET: Wellersburg [Baker (48147)]; also 3 mi NE of Ursina.

**Cardamine pratensis* L. -- CRAWFORD: Cambridge Springs [Baker & Grisez (285469)]. FOREST: West Hickory [Grisez 575]. McKEAN: Coryville [Baker (48349)]; also Eldred. VENANGO: Oil Creek State Park [Grisez 965]. WARREN: 5 mi N of North Warren [Baker (48347)]; also Russell.

Cardamine rotundifolia Michx. -- BEAVER: Beaver-Conway and Ambridge roads [Henry (48402)]; also Smiths Ferry. FOREST: East Hickory [Henry & Baker (48350)]. LAWRENCE: Slippery Rock Creek [Baker (48410)]; also Pulaski; Quakertown.

Diploxys tenuifolia (L.) DC. -- ALLEGHENY: Gibsonia [Wallace (48435)].

Erophila verna (L.) Chev. [*Draba verna* L.] -- CRAWFORD: Linesville [Baker (48788)]. SOMERSET: Stoystown [Paterson (48789)].

Erysimum cheiranthoides L. -- ERIE: E of Ohio border along Lake Erie [Henry & Baker (48907)].

Hesperis matronalis L. -- CLINTON: North Bend [Baker (202026)]. CRAWFORD: Saegertown [Baker (48881)]; also Meadville. LAWRENCE: Ellwood City [Baker (48885)].

Iberis umbellata L. -- ALLEGHENY: Dixmont [Baker (48945)].

**Iodanthus pinnatifidus* (Michx.) Steud. -- LAWRENCE: Ellwood City [Baker (48930)].

Lepidium campestre (L.) R.Br. -- ARMSTRONG: Muff [Henry (49049)]; also 3 mi SE of Kelly Station; Queenstown; 2.5 mi N of Worthington. CAMERON: Truman [Henry & Baker (49081)]. FAYETTE: Masontown [Henry & Beer (48990)]; also 3 mi S of Normalville. FOREST: Tionesta [Baker & Henry (49080)]. LAWRENCE: New Wilmington [Krouse (48992)]; also New Castle.

Lepidium virginicum L. -- CRAWFORD: 3-4 mi N of Hartstown [Baker (49031)]; also Meadville; Pymatuning.

Lobularia maritima (L.) Desv. -- BEAVER: no further locality [Andriessen (49132)].

Lunaria annua L. -- ERIE: Presque Isle [Grisez 784]. WESTMORELAND: 3.5 mi S of Rector [Mulvihill & Lebennan (unmounted)].

Nasturtium officinale R.Br. -- ALLEGHENY: Toms Run [Baker (49186)]. CAMBRIA: Martindale [Baker (49180)]; also Nicktown. FAYETTE: 3 mi SSE of Champion [Polechko (304446)]. McKEAN: Halsey [Baker (49179)]. POTTER: Coudersport [Barrie (49194)]. WASHINGTON: 3.7 km ESE of Majorsville, West Virginia [Thompson & Nishida 2534]; also Monongahela; Washington.

Raphanus raphanistrum L. -- CAMBRIA: Johnstown [Jennings (49259)]. CRAWFORD: 6 mi S of Meadville [Henry (49257)]. FAYETTE: Indian Head [Jennings (49252)]. LAWRENCE: Wurtemberg [Baker & Henrici (49249)]; also New Wilmington. VENANGO: 5 mi NE of Lisbon [Baker (49246)].

Raphanus sativus L. -- BEAVER: Raccoon Creek and Little Traverse Creek [Henrici (49235)]. CAMBRIA: Nicktown [Kline (49238)]. CRAWFORD: Hartstown [Bright (49239)]. ERIE: Titus Bog [Baker (49241)]; also Erie. FAYETTE: Markleysburg Bog [Baker (49242)]; also Indian Head.

**Rorippa palustris* (L.) Bess. -- CAMERON: 8 mi NW of Emporium [*Henry & Roslund* (49304)]; also Driftwood. CRAWFORD: 6 mi S of Meadville [*Henry* (49302)]; also Cambridge Springs; Harmonsburg; Townville. VENANGO: 5 mi NE of Lisbon [*Baker* (49337)].

Rorippa sylvestris (L.) Bess. -- FAYETTE: Addison [*Cusick* 27121].

Sisymbrium altissimum L. -- CAMBRIA: Johnstown [*Jennings* (49410)].

Thlaspi arvense L. -- CAMERON: Huntley [*Baker* (49449)]. FAYETTE: Connellsville [*Baker* (49450)].

Thlaspi perfoliatum L. -- GREENE: 2.4 mi E of Rogersville [*Baker & Henry* (49445)]. HUNTINGDON: Orbisonia [*Baker* (49444)].

CAPPARIDACEAE

Polanisia dodecandra (L.) DC. -- CAMBRIA: Patton [*Little* (46968)]. LAWRENCE: Slippery Rock Creek [*Baker* (46961)]. MERCER: Harrisville [*Henry & Beer* (46967)]. MIFFLIN: Reedsville [*Bright* (46978)].

DROSERACEAE

Drosera rotundifolia L. -- McKEAN: Catherine Swamp [*Grisez* 342]. WESTMORELAND: Laurel Summit Glade [*Leberman* (49522)].

PODOSTEMACEAE

**Podostemon ceratophyllum* Michx. -- ALLEGHENY: Buttermilk Falls [*Bruon* (49521)].

CRASSULACEAE

Sedum acre L. -- WAYNE: southern Wayne County [*Bright* (49640)].

Sedum telephium L. -- ERIE: Cherry Hill [*Henry & Baker* (49615)]. POTTER: Coudersport [*Farnsworth TR-769*]. WASHINGTON: 8 mi NE of Prosperity [*Henry & Beer* (49622)].

Sedum ternatum Michx. -- CRAWFORD: Pymatuning Swamp [*Van Dersal 1940*]. ERIE: Elk Creek at PA 98 [*Baker* (49681)].

SAXIFRAGACEAE

Chrysosplenium americanum Schwein. ex Hook. -- CAMERON: 3 mi N of Emporium [*Henry & Baker* (49758)]. FAYETTE: Gibbon Glade [*Baker* (49801)]; also Elliottsville; Indian Head; Ohiopyle. GREENE: Wind Ridge [*Baker* (9825)]. VENANGO: Wyattville [*Henry & Beer* (49779)]; also Utica. WASHINGTON: Paris [*Baker & Henry* (49761)].

Heuchera americana L. -- BLAIR: Blue Knob [*Utech 84-491*]. COLUMBIA: 3 mi S of Bloomsburg [*True 254*]. FULTON: 2.5 mi SE of Warfordsburg [*Baker & Beer* (49883)].

Hydrangea arborescens L. -- CRAWFORD: Cochranon [*Leberman* (50124)]. POTTER: 13 mi S of Coudersport [*Thompson* (49991)]; 2.5-4 mi S of Conrad [*Graham 7*]. WARREN: 4 mi S of Sheffield [*Grisez 497*].

Mitella diphylla L. -- FULTON: Licking Creek at PA 928 [*Baker* (50260)]; also Amaranth.

Penthorum sedoides L. -- CAMBRIA: 2.5 mi SE of Patton [*Henry* (50450)]; also 5 mi NE of Patton. INDIANA: Heilwood [*Henry & Beer* (50408)]; also Willet; Yellow Creek at PA 259. WASHINGTON: 3.7 km ESE of Majorsville, West Virginia [*Thompson & Nishida 2104*]; also Claysville; Florence; 3 mi S of West Finley.

Ribes americanum P. Mill. -- BEAVER: Freedom [*Shafer & Shafer* (50525)]. FULTON: Harrisonville [*Henry & Baker* (50500)]. LAWRENCE: Plain Grove [*Baker* (25967)]; also New Castle.

Ribes cynosbati L. -- CLINTON: Renovo [*Baker* (202033)].

Ribes glandulosum Grauer -- CRAWFORD: Hartstown [*Bright* (50688)].

Ribes hirtellum Michx. -- ARMSTRONG: 6 mi N of Kittanning [*Krouse* (50668)]. FULTON: Harrisonville [*Henry & Baker* (50671)]. VENANGO: 3.5 mi NW of Cooperstown [*Henry* (50673)]. WARREN: Pine Valley [*Bright* (50674)].

**Ribes lacustre* (Pers.) Poir. -- WARREN: North Warren [*Moldenke* (15585)].

Ribes odoratum H. Wendl. -- BEAVER: 3 mi W of Beaver [*Andriessen* (50756)].

Ribes rotundifolium Michx. -- ALLEGHENY: Sandy Creek [*Fricke* (50740)]. ARMSTRONG: Kittanning [*Jennings* (50713)]. CAMERON: Sinnemahoning [*Baker* (202019)]. TIOGA: Wellsboro [*Jennings & Jennings* (50741)]. VENANGO: Franklin [*Jennings* (50706)]. WASHINGTON: Witherow [*Mason* (50792)].

Ribes rubrum L. -- FAYETTE: Markleysburg Bog [*Baker* (50801)]; also Wymps Gap. FOREST: 3 mi SW of Tionesta [*Baker* (50794)]. FULTON: Amaranth [*Henry & Baker* (50808)]. INDIANA: Marion Center [*Baker & Beer* (50800)]. NORTHUMBERLAND: Pottsgrove [*Manning* (50795)]. WESTMORELAND: Greensburg [*Demoise* (50815)].

**Ribes triste* Pallas -- CRAWFORD: Pennline [*Cusick 23360*].

Saxifraga pensylvanica L. -- FOREST: Endeavor [*Leberman 50851*]. INDIANA: Cherry Tree [*Jennings 50895*].

Saxifraga virginiana Michx. -- CAMERON: 3 mi NW of Driftwood [*Baker 50955*]; also Sterling Run. CLARION: Blairs Corners [*Baker 51060*]; also Curllsville. CLINTON: 3.7 mi W of Keating [*Baker 50949*]; also 3 mi SW of Westport. CRAWFORD: Saegertown [*Baker 51037*]; also Meadville. ELK: Caledonia [*Baker 50905*]. ERIE: Elk Creek [*Anderson & Anderson 50983*]. WARREN: Warren [*Simpson 14520*].

PLATANACEAE

Platanus occidentalis L. -- CRAWFORD: French Creek [*Murray 51600*]. LAWRENCE: 7 mi above Ellwood City [*Graham 51599*]. POTTER: Burtville [*Eimer 81*].

ROSACEAE

Agrimonia gryposepala Wallr. -- BRADFORD: Laguin [*Westerfeld 51724*]. GREENE: Sycamore [*Henry & Baker 51697*]; also Deep Valley; 2.2 mi E of Graysville; Rutan. WASHINGTON: Florence [*Baker 51661*]; also Washington.

**Agrimonia microcarpa* Wallr. -- BUTLER: 3 mi N of Meridian [*Henry 51794*]. CLEARFIELD: 3 mi W of Lumber City [*Henry 51789*]. CRAWFORD: 3 mi SE of Meadville [*Leberman 51792*]. FAYETTE: 3 mi SE of Dunbar [*Henry 51791*]. MERCER: Carlton [*Henry & Beer 51793*].

Agrimonia parviflora Ait. -- ERIE: E of Ohio border along Lake Erie [*Henry & Baker 51772*]. FAYETTE: 3.5 mi E of Dunbar [*Mozingo 51770*]; also Indian Creek Valley. WARREN: 3.5 mi SW of Cherry Grove [*Grisez 657*]. WASHINGTON: Bavington [*Baker 51780*]; also 5 mi S of Claysville; Taylorstown.

Agrimonia pubescens Wallr. -- CAMERON: 3 mi S of Emporium [*Henry & Baker 51913*]. ERIE: Elk Creek [*Henry & Baker 51934*]; also Waterford. FOREST: 4 mi SW of Tionesta [*Baker 51860*]. POTTER: Coudersport [*Farnsworth TR-455*]; also 3 mi S of Carter Camp. TIOGA: Marshlands [*Wible 51859*]. VENANGO: Freedom [*Baker 51869*]; also 2.5 mi N of Springville. WARREN: North Warren [*Moldenke 15563*].

Agrimonia rostellata Wallr. -- BEAVER: Shippingport [*Ohlsson 3567*]. CAMERON: 3 mi N of Emporium [*Henry & Baker 51830*]. CLINTON: Gleasonton [*Henry 51837*]. CRAWFORD: Conneaut Lake [*Shafer 1818*]. FULTON: 5 mi N of Harrisonville [*Baker 51834*]; also Big Cove Tannery. LAWRENCE: Wurtemberg [*Shafer 51844*]. McKEAN: 5 mi N of Port Allegany [*Henry 51836*]. POTTER: 6 mi SE of Coneville [*Henry 51840*]; also Galeton. SUSQUEHANNA: Elkdale [*Fogg 12182*]. UNION: Lewisburg [*Manning 51829*].

Amelanchier arborea (Michx. f.) Fern. -- CAMBRIA: Cresson [*Jennings 52185*]. CAMERON: Miller [*Jennings 51988*]. LAWRENCE: Wampum [*Henry 52144*]; also New Castle.

**Amelanchier bartramiana* (Tausch) Roemer -- McKEAN: Ormsby [*Robinson, et al. 9587*].

Amelanchier laevis Wieg. -- CRAWFORD: Pymatuning Swamp [*Graham 52268*]; also Spartansburg.

**Amelanchier sanguinea* (Pursh) DC. -- BERKS: Reading [*Berkheimer 3527*].

Aronia prunifolia (Marsh.) Rehd. -- ADAMS: 7 mi NE of Caledonia [*Baker 54914*]. BUTLER: West Liberty [*Jennings 54893*]. CLARION: 4 mi NW of Clarion [*Baker 54877*]. CRAWFORD: Harmonsburg [*Baker 265782*]; also Hartstown; 3 mi ESE of Meadville. ELK: Midmont Swamp [*Boardman 54900*]. JEFFERSON: Sigel [*Baker 21246*]. MERCER: Carlton [*Wiegman 54875*]; also 2 mi W of Harrisville. VENANGO: Franklin [*Baker 54885*]; also 4.3 mi SW of Pleasantville. WARREN: 3 mi NE of Columbus [*Henry 54879*].

Aruncus dioicus (Walt.) Fern. -- CLARION: Sarah Furnace [*Baker 17412*].

Crataegus bairnerdii Sarg. -- ALLEGHENY: Deer Creek [*Bright 25533*].

Crataegus calpodendron (Ehrh.) Medic. -- ALLEGHENY: Guyasuta Run [*Patterson 43697*]; also Glenwood.

Crataegus crusgalli L. -- BEAVER: Ambridge [*Graham 113286*]; also Smiths Ferry. CAMERON: Driftwood [*Jennings & Jennings 113294*]. CRAWFORD: Hartstown [*Bright 1779*]. INDIANA: Rochester Mills [*Henry & Beer 113296*]. LAWRENCE: 7 mi W of New Castle [*Henry & Beer 113298*]. MERCER: 4 mi NE of Clarksville [*Henry & Beer 113299*]; also New Wilmington. PERRY: Duncannon [*Adams & Adams 2964*]. SOMERSET: Stoystown [*Patterson 113306*]. WASHINGTON: Charleroi [*Bright 113307*].

Crataegus x disperma Ashe -- ALLEGHENY: Pittsburgh [*Jennings 113312*].

Crataegus dodgei Ashe -- WESTMORELAND: 2.5 mi SE of Greensburg [*Demoise 158007*].

Crataegus intricata Lange -- FULTON: 2.5 mi SE of Warfordsburg [*Baker & Beer 158017*].

Crataegus iracunda Beadle [including *C. populnea* Ashe] -- WASHINGTON: 3 mi SW of Charleroi [*Jennings 157955*].

Crataegus prona Ashe [*A. gravis* Ashe] -- CAMBRIA: St. Lawrence [*Jennings 113347*].

Crataegus pruinosa (Wendl.) K. Koch -- BEAVER: Reardons Run [*Henrici 157968*]; also Ambridge. BUTLER: 4 mi NE of Harmony [*Henry 157971*]. DAUPHIN: 16 mi from Dauphin [*Brighu 2106*]. FAYETTE: Connellsville [*Canby 38*]. VENANGO: Titusville [*Shields 157976*]. WARREN: Corydon [*Fogg 19534*].

Crataegus punctata Jacq. -- ARMSTRONG: Kittanning [*Neale* (157990)]. BEAVER: Raccoon Creek [*Bright* (157991)]. ELK: Johnsonburg [*Jennings* (157995)]. INDIANA: Yellow Creek [*Henry & Beer* (157996)]. POTTER: Coudersport [*Eimer* (157998)].

Crataegus succulenta Link -- ALLEGHENY: Harmarville [*Bright* (158008)]; also Moon. BEAVER: Raccoon Creek [*Bright* (158013)]. ERIE: Presque Isle [*Bright* (158014)]. MERCER: Sharon [*Aeshman* (158011)].

Cydonia oblonga P. Mill. -- ALLEGHENY: Elizabeth [*Bright* (158027)].

Dalibarda repens L. -- JEFFERSON: Brookville [*Henry & Buker* (158029)]; also 2.5 mi S of Allens Mills; Rossiter.

Filipendula rubra (Hill) B.L. Robins. -- BEAVER: no further locality [*Mansfield* (158032)]. CAMERON: Sinnemahoning Creek [*Bright* (158035)]. CLARION: Cooks Forest [*Gruber* (158033)]. CLEARFIELD: Clearfield to Pottersdale [*Jennings* (158034)]. CRAWFORD: 2.5 mi S of Guys Mills [*Leberman* (158036)]. ELK: Toby Creek Road [*Grinn* (158037)]. TIOGA: Marshlands [*Wible 569*]. WARREN: Allegheny Forest [*Wible* (158038)]; also Columbus.

Filipendula ulmaria (L.) Maxim. -- BEAVER: no further locality [*Mansfield* (52475)]. CRAWFORD: Sugar Lake [*Leberman* (52477)]. ERIE: Lowville [*Buker* (52478)]; also Benson Swamp; 3 mi N of Edinboro. WARREN: Clarendon [*Grisez 584*].

Fragaria vesca L. -- CRAWFORD: Hydetown [*Buker* (52450)]; also Pymatuning Swamp.

Fragaria virginiana P. Mill. -- CAMERON: 3 mi S of Emporium [*Henry & Buker* (52627)].

Geum aleppicum Jacq. -- CLARION: Cook Forest [*Jennings* (52755)]. FULTON: Big Tonoloway Creek [*Buker* (52746)]. WESTMORELAND: Greensburg [*Elliot* (252507)].

Geum laciniatum Murr. -- SOMERSET: 6 mi E of Listonburg [*Henry & Buker* (52971)]; also Somerset.

Geum rivale L. -- ALLEGHENY: 3 mi SE of Bakerstown [*Jennings* (53036)]. FOREST: Brookston [*Kosinski* (53052)].

Geum virginianum L. -- GREENE: Jefferson [*Henry & Buker* (53099)]; also Mt. Morris. SOMERSET: Stoystown [*Patterson* (53103)].

Malus coronaria (L.) P. Mill. -- LAWRENCE: Neshannock Falls [*Henry & Beer* (54842)]; also Slippery Rock Creek. WARREN: Cornplanter [*Buker* (54837)]; also Warren.

Physocarpus opulifolius (L.) Maxim. -- CRAWFORD: NE of US 522 on PA 173 [*Buker* (53361)]. ERIE: Waldameer Park [*Henlen* (53384)]. McKEAN: Bullis Mill [*Buker* (53301)]. POTTER: 5 mi S of Coudersport [*Buker* (53302)].

Porteranthus trifoliatus (L.) Britt. [*Gillenia trifoliata* (L.) Moench] -- WASHINGTON: Hanlin [*Buker* (21232)]; also Amity; Murdocksville; Thornburg.

Potentilla argentea L. -- SOMERSET: Ursina [*Buker* (53471)].

Potentilla arguta Pursh -- LAWRENCE: Elwood City [*Buker* (53486)].

Potentilla canadensis L. -- CLARION: Parkers Landing [*Buker* (53504)]; also Sarah Furnace; Shippenville. SOMERSET: Sand Patch [*Henry* (53571)]; 5.5 mi SE of Somerset; Quemahoning Reservoir.

Potentilla intermedia L. -- ALLEGHENY: Emsworth [*Buker* (53595)]; also Mt. Nebo.

Potentilla recta L. -- CAMERON: Truman [*Henry & Buker* (53757)]. CLINTON: 5 mi W of Lock Haven [*Buker* (53756)]; also State Camp; Tamarack Swamp. FAYETTE: 4 mi N of Masontown [*Henry & Buker* (53723)]; also Ohio-pyle. GREENE: 1.9 km ESE of Majorsville, Wcst Virginia [*Thompson & Nishida 2417*]; also Sycamore; 3 mi NE of Waynesburg. MERCER: 4.5 mi NW of Mercer [*Buker* (53759)]; also Drake; Leesburg.

Potentilla simplex Michx. -- LAWRENCE: 5 mi N of Elwood City [*Buker* (53867)].

Prunus alleghaniensis Porter -- CLARION: Sarah Furnace [*Buker* (53973)].

Prunus americana Marsh. -- FAYETTE: Elliottsville [*Henry & Buker* (54101)]; also Mill Run. LAWRENCE: 2.5 mi NW of Eastbrook [*Buker* (54057)].

Prunus avium (L.) L. -- CLARION: Curllsville [*Henry & Buker* (53980)]; also St. Petersburg. FAYETTE: 6 mi W of Scullton [*Henry & Beer* (53996)]. VENANGO: 5 mi SE of Oil City [*Henry* (53975)].

Prunus cerasus L. -- ALLEGHENY: Pittsburgh [*Schaeffer* (54136)]; also Emsworth.

Prunus pensylvanica L.f. -- ALLEGHENY: Pittsburgh [*Auld* (54169)]. ARMSTRONG: Parker [*Henry & Buker* (54226)]; also Mahoning Creek. BEAVER: 6 mi S of Darlington [*Henry & Beer* (54170)]. LAWRENCE: Slippery Rock Creek at Muddy Creek [*Buker* (54172)].

Prunus persica (L.) Batsch -- WARREN: Warren [*Moldenke 15327*].

Prunus pumila L. [including *P. depressa* Pursh] -- BUTLER: Freeport [*Buker* (54128)]. CLARION: Redbank [*Bright* (54127)].

Prunus virginiana L. -- GREENE: 5 mi N of Point Marion [*Buker* (54492)]. LAWRENCE: Slippery Rock Creek [*Buker* (54557)]; also Eastbrook; Neshannock Falls.

Pyrus communis L. -- ALLEGHENY: Barking [*Jennings* (54748)]; also Pittsburgh; Rosslyn Farms.

Rhodotypos scandens (Thunb.) Makino -- ERIE: Presque Isle [*Grisez 969*]. HUNTINGDON: Orbisonia [*Buker* (55096)].

Rosa blanda Ait. -- ARMSTRONG: Cowanshannock [*Bright* (55091)]. BEAVER: Reardons Run [*Henrici* (55090)]. POTTER: Sweden Valley [*Shaw* (55095)].

Rosa canina L. -- ELK: St. Marys [*Jennings* (55081)]. MERCER: 3 mi S of Sandy Lake [*Baker* (55075)]. WASHINGTON: Van Emman [*Grimm* (55080)].

Rosa carolina L. -- CAMBRIA: Johnstown [*Jennings* (55212)]; also 2.5 mi N of Nicktown. CAMERON: 6 mi W of Driftwood [*Baker* (55168)]; also 5 mi SE of Driftwood. CRAWFORD: Conneaut Lake [*Shafer* (55223)]; also 3 mi S of Meadville. JEFFERSON: Heathville [*Henry* (55146)]; also Hamilton. LACKAWANNA: Scranton [*Henry* (55126)]. MERCER: 3.5 mi NE of Sharpville [*Baker* (55182)]; also Drake; Mercer; 5 mi SW of Sandy Lake. POTTER: Coudersport [*Barrie* 16392]. WASHINGTON: 7 mi SE of Washington [*Baker* (55252)]; also Charleroi; Hendersonville.

Rosa eglanteria L. [*R. rubiginosa* L.] -- ALLEGHENY: Keown Station [*Patterson* (55114)]. CRAWFORD: Conneaut Falls [*Shafer* (55110)]. FAYETTE: Cheat Haven [*Bright* (55106)]. PERRY: New Bloomfield [*Jennings & Jennings* (55117)]. WASHINGTON: Charleroi [*Jennings* (55116)]. WESTMORELAND: 3 mi E of Greensburg [*Demoise* (55107)]; also New Florence.

Rosa micrantha Sm. -- CRAWFORD: Pymatuning [*Baker* (55273)]. ERIE: Elk Creek and PA 98 [*Henry & Baker* (55272)]. FRANKLIN: Mont Alto [*Miller* (55276)]. YORK: McCall Ferry [*Smith* (55275)].

Rosa multiflora Thunb. ex Murr. -- ALLEGHENY: Elizabeth [*Wood, et al.* 4210]; also Oakdale; Pittsburgh. WARREN: Warren [*Grisez* 530]. WASHINGTON: West Finley [*Baker* (55303)]; also 3 mi W of McMurray Road and US 19.

Rosa palustris Marsh. -- ADAMS: 3 mi W of Arendtsville [*Knepp* (55336)]. CAMBRIA: 5-8 mi NE of Patton [*Kline* (55319)]. FAYETTE: Markleysburg Bog [*Henry & Baker* (55315)]; also Indian Creek Valley; Seatons Lake. GREENE: Ryerson [*Henry & Beer* (55352)]. LAWRENCE: 3.3 mi NW of Plain Grove [*Baker* (55367)]; also 2.5 mi W of McConnells Mill. POTTER: Colesburg [*Eimer* (55330)]; also Coudersport. SNYDER: between Shamokin Dam and Richfield [*Jennings* (55337)]. UNION: Lewisburg [*Manning* (55309)]. VENANGO: Mariasville [*Baker* (55342)]. WASHINGTON: 2-3 mi N of Burgettstown [*Henry & Baker* (55308)].

Rosa setigera Michx. -- ALLEGHENY: Squaw Run [*Shafer* (55394)]; also Pittsburgh; 4-5 mi W of Allegheny River on Kittanning Road. ERIE: Presque Isle [*Grisez* 991].

***Rosa virginiana** P. Mill. -- ADAMS: 3 mi W of Arendtsville [*Knepp* 1-19]. ALLEGHENY: Pittsburgh [*Jennings* (55434)]; also Bull Creek; Keown; Squaw Run. ARMSTRONG: no further locality [*Knipe* (55444)]. CAMBRIA: St. Lawrence [*Jennings* (55431)]. CRAWFORD: Harmonsburg [*Patterson* (55431)]; also Meadville. DELAWARE: Tinicum [*Smith* (55455)]; also Middletown. ERIE: Presque Isle [*Schafer* (55446)]. FAYETTE: Ohiopyle [*Shafer* (55440)]. MERCER: Sharon [*Aeshman* (55433)].

Rosa wichuraiana Crepin -- CLINTON: North Bend [*Baker* (202025)]. GREENE: 3.6 km SSW of West Finley [*Nishida & Bier* 701].

Rubus allegheniensis Bailey -- FOREST: Tionesta [*Shields* (55555)]; also 2.5 mi SW of West Hickory.

Rubus canadensis L. -- CRAWFORD: Cambridge Springs [*Bright* (55606)]. FAYETTE: Ohiopyle [*Bright* 1868]. NORTHAMPTON/LEHIGH: Bethlehem [*Wolle* (55624)].

Rubus flagellaris Willd. -- SNYDER: Richfield [*Jennings* (55685)].

Rubus hispidus L. -- CAMERON: Sinnemahoning-Piper road [*Baker* (55774)].

Rubus occidentalis L. -- ALLEGHENY: Squaw Run [*Bright* (56017)]; also Jacks Run. BEAVER: Georgetown [*Henry* (55981)]; also Baden. CAMERON: Driftwood [*Henry* (55978)]; also Miller. CLARION: 3 mi S of Wentlings Corner [*Henry* (55999)]; also Red Bank. CLEARFIELD: Dowler Station [*Baker* (56007)]. ELK: Dents Run [*Jennings* (56048)]. FAYETTE: Laurelville [*Jennings* (56038)]. GREENE: Deep Valley [*Henry* (55991)]; also Rogersville; Waynesburg. JEFFERSON: Brookville [*Henry & Baker* (56004)]. LAWRENCE: Slippery Rock Creek [*Baker* (56006)]. MERCER: Drake [*Henry* (55982)]; also Sharon; Swamp Root. SOMERSET: between Cairnbrook and Central City [*Baker* (56005)]. WAYNE: Honesdale [*Jennings, et al.* (56055)].

Rubus odoratus L. -- CRAWFORD: 2.5 mi ESE of Meadville [*Leberman* (56063)]; also Linesville. GREENE: between Davistown and Bobtown [*Baker* (56143)]; also Deep Valley; 3 mi NE of Waynesburg. INDIANA: Blairsville [*Shafer* (56181)]; also Robinson. WASHINGTON: Florenee [*Baker* (56062)].

Rubus pubescens Raf. -- ARMSTRONG: Parker [*Henry & Baker* (56279)]. CAMBRIA: Cresson [*Bright* (56282)]. FAYETTE: Markleysburg [*Jennings & Boardman* (56287)]; also Ohiopyle. MERCER: Swamp Root [*Henry* (56286)]; also Pymatuning. VENANGO: Nickleville [*Henry* (56304)].

Rubus strigosus Michx. -- ARMSTRONG: Freeport [*Shafer* (55946)]; also Kittanning. BEAVER: Reardons Run [*Henrici* (55943)]. BUTLER: Moraine State Park [*Loehner* (55888)]; also Coopers Lake. CLARION: Cook Forest [*Jennings* (55948)]. CLEARFIELD: Cherry Tree [*Henry* (55969)]; also Falls Creek. MERCER: Mercer [*Henry* (55902)]; also between Harrisville and Grove City; Houston Junction; Sandy Lake; Swamp Root. WASHINGTON: Murdocksville [*Henry & Baker* (55889)].

Sorbaria sorbifolia (L.) A. Braun -- CAMERON: E of Elk County line on PA 120 [*Baker* (52481)]. ELK: Ridgway [*Krouse* (56346)].

Sorbus americana Marsh. -- FAYETTE: Farmington [*Jennings* (54655)].

Sorbus aucuparia L. -- FOREST: Tionesta [*Parker & Dickey* (54716)]. LAWRENCE: New Castle [*Robinson* (54709)]. MCKEAN: Kane [*Jennings* (54714)].

Spiraea alba DuRoi -- BEAVER: New Galilee [Jennings (56462)]. INDIANA: Marion Center [Baker (56434)]; also Chambersville. WESTMORELAND: 4.5 mi SW of Rector [Utech 81-308].

Spiraea betulifolia Pallas subsp. *corymbosa* (Raf.) Taylor & Macbryde [*S. corymbosa* Raf.] -- FRANKLIN: Pen Mar [Bright (56433)].

Spiraea japonica L.f. -- FAYETTE: Indian Head [Baker (56426)]; also White.

Spiraea latifolia (Ait.) Borkh. -- CAMBRIA: Johnstown [Walter (56558)]. McKEAN: Farmers Valley [Baker (56553)]. POTTER: Ice Mine District [Eimer (56534)]. SOMERSET: Boswell [Polechko (304647)].

Spiraea tomentosa L. -- CAMERON: Sinnemahoning to Piper road [Baker (56572)]; also Firstfork. ELK: Carman [Grisez 649]. FOREST: Marienville [Grisez 583]. McKEAN: Lafayette [Baker (56574)]; also 3 mi NW of Lafayette. WARREN: 8 mi SW of Warren [Grisez 552].

Waldsteinia fragarioides (Michx.) Tratt. -- WASHINGTON: Murdocksville [Baker (56645)].

FABACEAE

Amphicarpaea bracteata (L.) Fern. -- JEFFERSON: 3.5 mi S of Ohl [Henry (56811)].

Apios americana Medic. -- BEAVER: Raccoon Creek at US 30 [Henrici (56999)].

Astragalus canadensis L. -- LAWRENCE: Ellwood City [Baker (57032)].

Baptisia australis (L.) R. Br. -- WASHINGTON: New Eagle [Boufford 22155].

Baptisia tinctoria (L.) Vent. -- BEAVER: Mechanicsburg [Henrici (57117)]; also Raccoon Creek.

Chamaecrista nictitans (L.) Moench [*Cassia nictitans* L.] -- CLARION: Sarah Furnace [Baker (57257)]. GREENE: 5 mi E of Waynesburg [Baker (57296)]. VENANGO: Perry Run [Henry & Beer (57259)].

Coronilla varia L. -- ALLEGHENY: Sewickley [Boufford & Wood 21193]; also Bell Acres. BUTLER: Lake Arthur [Thompson 4122]. CLARION: Shippenville [Henry & Baker (57420)]. ERIE: Presque Isle [Grisez 796]. SOMERSET: Thomas Mills [Ross (57421)]. WASHINGTON: 4 mi W of New Eagle [Thompson 3698]. WESTMORELAND: 3 mi S of Rector [Utech 82-215].

Desmodium canadense (L.) DC. -- CLEARFIELD: 5 mi S of Madera [Baker (57431)]. CRAWFORD: Pymatuning [Baker (57456)]; also Shaws Landing. FAYETTE: Ohiopyle [Henry (57436)]. FULTON: Big Tonoloway Creek [Henry & Baker (57486)]; also Dickeys Mountain. HUNTINGDON: Barree

[Henry (57525)]. LAWRENCE: Plain Grove [Baker (254189)]; also 4 mi E of New Castle. WASHINGTON: Murdocksville [Baker (57512)].

Desmodium ciliare (Muhl. ex Willd.) DC. -- LEHIGH: Bethlehem [Wollc (57562)].

Desmodium cuspidatum (Muhl. ex Willd.) Loudon -- BEAVER: Mechanicsburg [Henrici (57544)].

**Desmodium glabellum* (Michx.) DC. -- BERKS: Mt. Penn [Berkheimer 3509]; also Reading.

Desmodium glutinosum (Muhl. ex Willd.) Wood -- ARMSTRONG: Echo [Henry & Beer (57589)]. ELK: Medix Run [Baker (57588)]. ERIE: Elk Creek [Baker (57603)]; also Erie. FAYETTE: Wymps Gap [Baker (57596)]. LAWRENCE: Plain Grove [Baker (57608)]; also Eastbrook; New Castle. POTTER: Cross Fork [Henry (57582)]; also Wharton. WASHINGTON: 3 mi S of West Finley [Baker (57591)].

Desmodium marilandicum (L.) DC. -- GREENE: 3 mi SW of Deep Valley [Baker (57647)].

Desmodium nudiflorum (L.) DC. -- ELK: Medix Run [Baker (57716)]; also Wintergreen Gulch. FAYETTE: 3 mi SE of Dunbar [Henry (57742)]; also 5 mi SE of Donegal; Indian Head; Ohiopyle. INDIANA: Marion Center [Baker & Beer (57723)]; also Blairsville; Chambersville. LAWRENCE: 3 mi N of Plain Grove [Thomas & Thompson 2958]; also New Castle. TIOGA: Wellsboro [Farnsworth (9777)]. VENANGO: 5 mi SE of Oil City [Henry (57666)]. WARREN: North Warren [Moldenke 15457]. WASHINGTON: Murdocksville [Baker (57753)].

Desmodium paniculatum (L.) DC. -- CAMBRIA: Carrolltown [Kline (57848)].

Desmodium perplexum Schub. -- CAMERON: Cameron [Baker (57938)]. INDIANA: Saltsburg [Jennings (57882)]. JEFFERSON: Heathville [Henry (57883)]. LACKAWANNA: Scranton [Overholts & Overholts (57976)].

Desmodium rotundifolium DC. -- FOREST: Allegheny National Forest [Baker (57996)]. WARREN: North Warren [Moldenke 15692].

**Galactia regularis* (L.) B.S.P. -- LANCASTER: Lancaster [Porter (9402)].

**Galactia volubilis* (L.) Britt. -- NORTHAMPTON: Reading [Bischoff (52407)].

Gleditsia triacanthos L. -- CAMBRIA: 3 mi W of Johnstown [Dimer (58038)]. FULTON: Licking Creek at Dickeys Mountain [Henry (58064)].

Glycine max (L.) Merr. -- FAYETTE: Ohiopyle [Bright 8614].

Gymnocladus dioica (L.) K. Koch -- WESTMORELAND: Webster [no collector (fruit collection)].

Lathyrus latifolius L. -- ALLEGHENY: North Park [Baker (58110)]; also Emsworth. CAMERON: 3 mi S of Emporium [Henry & Baker (58103)]. ERIE: Presque Isle [Grisez 986]. FOREST: S of Warren County line on US 62 [Baker (58104)]. LAWRENCE: Ellwood City [Baker (58108)]. WARREN: North Warren [Moldenke 15654].

**Lathyrus palustris* L. -- CAMERON: 3 mi N of Emporium [Henry & Baker (58136)].

Lespedeza bicolor Turcz. -- ERIE: Presque Isle [Baker (58495)].

Lespedeza capitata Michx. -- LAWRENCE: Plain Grove [Bright (58161)].

Lespedeza cuneata (Dumont) G. Don -- WASHINGTON: McDonald [Farnsworth (10070)].

Lespedeza hirta (L.) Hornem. -- CAMBRIA: State Game Lands 108 [Kline (58235)]. CAMERON: Sinnemahoning [Baker (58190)]. FULTON: 3.5 mi W of PA 522 on US 30 [Baker (58233)]; also Big Tonoloway Creek; 3 mi N of Warfordsburg. WARREN: Warren [Grisez 557].

Lespedeza intermedia (S. Wats.) Britt. -- CAMERON: 3.1 mi W of Hicks Run [Baker (58302)]; also Emporium to St. Marys; Sinnemahoning. CRAWFORD: Meadville [Darling (74653)]; also Lynchburg. WARREN: North Warren [Moldenke (15793)].

Lespedeza procumbens Michx. -- BEAVER: Mechanicsburg [Henrici (58404)].

Lespedeza repens (L.) Bart. -- BEAVER: no further locality [Grimm 308]. FOREST: West Hickory [Grisez 640].

Lespedeza violacea (L.) Pers. -- CAMBRIA: Johnstown [Patterson (58441)]. CLINTON: 4 mi W of Keating [Henry & Roslund (58435)]. WASHINGTON: western part of county [Burig (58457)].

Lespedeza virginica (L.) Britt. -- BEAVER: Independence Township [Henrici (58506)]. LYCOMING: Muncy [Bright (58512)].

Lotus corniculatus L. -- BEAVER: 3 mi N of Eastvale [Henry (58490)]. CAMERON: Truman [Baker (58471)]. ELK: Portland Mills [Henry & Baker (58472)]. McKEAN: N of Elk County line on US 219 [Baker (58473)]. MERCER: Leesburg [Thompson, et al. 2374]. WASHINGTON: Aunt Clara Fork of Kings Creek [Baker (58474)].

**Lupinus perennis* L. -- VENANGO: Floyd [Henry (58537)]. WARREN: Warren [Grisez 516].

Medicago lupulina L. -- CAMERON: 6 mi W of Driftwood [Baker (58572)]; also Truman. WARREN: North Warren [Moldenke 14852]. WASHINGTON: Murdocksville [Henry & Baker (58573)]; also Millsborough; Washington.

Medicago sativa L. -- CAMBRIA: Nicktown [Kline (58668)]. CAMERON: Howards [Eimer (58661)]. CRAWFORD: Meadville [Darling (74651)]. GREENE: 6 mi E of

Waynesburg [Baker (58690)].

Melilotus alba Desr. ex Lam. -- CAMERON: Driftwood [Henry (58653)]; also Howards. CRAWFORD: Jervis Corners [Henry & Beer (58741)]. GREENE: Ryerson [Henry & Beer (58766)]; also 5 mi W of Waynesburg. WASHINGTON: Washington [Wilson (58764)].

Melilotus officinalis (L.) Pallas -- CAMBRIA: Elton [Henry & Beer (58795)]; also Nicktown. CAMERON: Truman [Henry & Baker (58774)]. GREENE: 3.5 km SSW of West Finley [Thompson 2426]; also Garards Fort. POTTER: N of Cameron County line on PA 155 [Baker (58851)]. WASHINGTON: Mingo Creek [Bright 6255]; also Hendersonville; Washington.

Phaseolus polystachios (L.) B.S.P. -- BLAIR: Frankstown [Henry & Baker (58863)].

Pisum sativum L. -- ALLEGHENY: Glenshaw [Jennings (58862)].

Robinia hispida L. -- ADAMS: Biglerville [Knepp (58846)]. BEAVER: Shippingport [Ohlsson 3993]. ERIE: Presque Isle [Bissell 1985:74]. HUNTINGDON: Stone Creek [Overholts (58838)]. NORTHUMBERLAND: Lewisburg [Manning (58847)]. WARREN: North Warren [Moldenke 16537]. WASHINGTON: New Eagle [Wood 4203].

Robinia pseudoacacia L. -- POTTER: Coudersport [Barrie 16397]. WASHINGTON: 3 mi W of Marianna [Henry & Baker (58929)].

Senna hebecarpa (Fern.) Irwin & Barneby [*Cassia hebecarpa* Fern.] -- ERIE: Presque Isle [Baker (57225)]. FULTON: Big Tonoloway Creek [Henry & Baker (57220)]. MERCER: Sharpville [Baker (57204)]. VENANGO: Emlenton [Baker (21277)]. WASHINGTON: 5 mi SE of Burnville [Baker (57238)].

Senna marilandica (L.) Link [*C. marilandica* L.] -- CHESTER: Embreeville [Seals (254317)]. GREENE: Mt. Morris [Henry & Beer (57256)].

Strophostyles helvola (L.) Ell. -- CRAWFORD: Pymatuning [Jennings (58965)].

Tephrosia virginiana (L.) Pers. -- SOMERSET: Laurel Hill [Churchill (58994)]. WAYNE: Honesdale [Jennings & Gress (59015)].

Trifolium arvense L. -- BEAVER: Lower Raccoon Creek [Bright (59125)]. ERIE: Presque Isle [Grisez 829].

Trifolium aureum Poll. -- GREENE: Deep Valley [Baker (59035)]. JEFFERSON: Allens Mills [Henry (59150)].

Trifolium campestre Schreb. -- BUTLER: Jennings Prairie [Vogler 2-29]. ERIE: Presque Isle [Baker (59347)]. SOMERSET: 3.5 mi N of Thomas Mills [Henry & Ross (59352)].

Trifolium dubium Sibth. -- ALLEGHENY: Dormont [Poth (59112)]; also Wilkinsburg. ELK: 4 mi W of Carman [Grisez

696]. FULTON: 2.5 mi SE of Warfordsburg [Baker & Beer (59111)]. WARREN: North Warren [Moldenke 15221].

Trifolium hybridum L. -- GREENE: Ryerson Station [Thompson & Nishida 2351].

Trifolium pratense L. -- CAMBRIA: Nicktown [Kline (59258)]. WASHINGTON: Murdocksville [Henry & Baker (59244)].

Trifolium repens L. -- WASHINGTON: Murdocksville [Henry & Baker (59305)]; also Washington.

Vicia caroliniana Walt. -- FOREST: S of Warren County line on US 62 [Baker (59372)]. McKEAN: N of Elk County line on US 219 [Baker (59371)]. MERCER: Mercer [Henlen (59424)]. VENANGO: Wyattville [Henry & Beer (59384)]; also Kennerdell. WAYNE: Honesdale [Jennings & Gress (59475)].

Vicia cracca L. -- BEAVER: Shippingport [Ohlsson 3355]. CAMERON: Truman [Henry & Baker (59485)]; also 3 mi S of Emporium. CLARION: Shippenville [Henry & Baker (59487)]. HUNTINGDON: Birmingham [Orlady (59494)]. WARREN: Warren [Moldenke 16337].

Vicia sativa L. -- ALLEGHENY: Wildwood [Bright (59554)]. LANCASTER: Lancaster [Porter (59553)].

Vicia villosa Roth [including *V. dasycarpa* Tenore] -- ARMSTRONG: State Game Lands 105 [Utech 87-109]. CAMBRIA: Carrolltown [Kline (59526)]; also Elton. GREENE: Garards Fort [Henry & Baker (59519)]. LAWRENCE: Princeton [Baker (59536)]; also Bessemer; Volant. MONTGOMERY: no further locality [Bright (59549)].

GERANIACEAE

Erodium cicutarium (L.) L'Her. -- ALLEGHENY: Pittsburgh [Dole (60133)].

Geranium columbinum L. -- SOMERSET: Mt. Davis [Krouse (60263)].

Geranium maculatum L. -- CAMERON: 5 mi W of Emporium [Baker (60334)].

Geranium molle L. -- ERIE: Presque Isle [Baker (60250)]; also Union City.

Geranium pusillum L. -- ERIE: Presque Isle [Grisez 728]. FULTON: S of US 30 on PA 915 [Baker (60229)].

Geranium robertianum L. -- LAWRENCE: New Castle [Robinson (60213)].

OXALIDACEAE

Oxalis acetosella L. [*O. montana* Raf.] -- INDIANA: Arcadia [Henry & Beer (59924)]; also Glen Campbell.

Oxalis corniculata L. -- ALLEGHENY: Pittsburgh [Cusick 24318].

Oxalis grandis Small -- CLARION: Alum Rock [Jennings (59703)]. GREENE: 3 mi SW of Deep Valley [Henry & Beer (59747)].

Oxalis violacea L. -- FOREST: Endeavor [Leberman (291448)]. LAWRENCE: McConnells Mill [Bright (60149)]; also Eastbrook. SOMERSET: Thomas Mills [Ross (19949)].

LINACEAE

Linum striatum Walt. -- FULTON: Big Tonoloway Creek [Baker (59555)]; also 3.5 mi W of PA 522 on US 30. LAWRENCE: Plain Grove [Baker (254182)]. LYCOMING: Waterville [Bright (59588)].

Linum virginianum L. -- ELK: Medix Run [Baker (59630)]. ERIE: North East [Henry & Baker (59652)]. JEFFERSON: Timblin [Henry & Beer (59639)].

RUTACEAE

Zanthoxylum americanum P. Mill. -- WASHINGTON: 3 mi S of Burnsville [Henry (60548)].

POLYGALACEAE

Polygala paucifolia Willd. -- CAMERON: N of Clearfield County line on Sinnemahoning-Piper Road [Baker (60597)]; also 3 mi S of Emporium.

Polygala sanguinea L. -- CAMBRIA: Ashville [Henry (60745)]; also Patton. LAWRENCE: Slippery Rock Creek at US 422 [Baker (60825)]; also New Castle. TIOGA: Gaines [Wible (60884)]; also Marshlands.

Polygala senega L. -- LAWRENCE: Plain Grove [Bright (60805)]. WARREN: Warren [Moldenke 14808].

Polygala verticillata L. -- CAMBRIA: Johnstown [Patterson (60973)]. CLARION: Clarion River at PA 854 [Henry (60976)]; also Cooks Forest. LAWRENCE: New Wilmington [Henlen 288]. McKEAN: Allegheny National Forest [Grisez 693].

EUPHORBACEAE

Acalypha virginica L. -- WARREN: Warren [Moldenke 15834]; also Tidioute.

Chamaesyce maculata (L.) Sm. [*Euphorbia supina* Raf.] -- CAMERON: Truman [*Henry & Buker* (61538)]. WARREN: North Warren [*Moldenke 15238*]; also Tidioute.

Chamaesyce nutans (Lag.) Sm. [*E. nutans* Lag.] -- LAWRENCE: Ellwood City [*Buker* (61447)]; also Robinson. WARREN: Warren [*Grisez 543*]. WAYNE: Honesdale [*Jennings & Gress* (61460)].

Chamaesyce vermiculata (Raf.) House [*E. vermiculata* Raf.] -- JEFFERSON: 2.5 mi S of Allens Mills [*Henry* (61532)]; also Heathville. SOMERSET: Somerset [*Cusick 26727*]; also Sulphur Springs.

Euphorbia commutata Engelm. -- ERIE: Erie [*Van Dersal* (61093)]. WASHINGTON: 5 mi SE of Burnsville [*Buker* (61096)]; also Hills Station.

Euphorbia corollata L. -- LAWRENCE: New Wilmington [*Henlen 322*]; also New Castle. WAYNE: Honesdale [*Jennings & Gress* (61206)].

Euphorbia esula L. -- CAMBRIA: Nicktown [*Kline* (61420)]. ERIE: Presque Isle [*Grisez 975*]. WESTMORELAND: Greensburg [*Farnsworth WP-766*].

Euphorbia helioscopia L. -- POTTER: Coudersport [*Barrie 16712*].

Euphorbia lathyris L. -- FAYETTE: Uniontown [*Burgess* (61506)].

Euphorbia lucida Waldst. & Kit. -- TIOGA: Blossburg [*Bright* (61503)].

Euphorbia marginata Pursh -- ALLEGHENY: Pittsburgh [*Buker* (61499)]; also Etna. FAYETTE: Ohio pyle [*Jennings* (61496)]. LAWRENCE: New Wilmington [*Henlen* (61497)].

Euphorbia peplus L. -- ALLEGHENY: Pittsburgh [*Cusick 23234*]. FULTON: Big Tonoloway Creek [*Bright* (61491)]. MERCER: Sharon [*Cusick 23643*]. WASHINGTON: Thompsonville [*Bright 8927*].

Poinsettia dentata (Michx.) Klotzsch & Garcke [*E. dentata* Michx.] -- BEAVER: Monaca [*Buker* (61318)]. FAYETTE: New Geneva [*Buker* (61308)]; also Connellsville; Grindstone. GREENE: Ryerson Station [*Buker* (61306)].

CALLITRICHACEAE

Callitriche heterophylla Pursh -- ALLEGHENY: Glenshaw [*Bright* (61677)]; also Wildwood. BEAVER: Georgetown [*Hernici* (61676)]. FAYETTE: Layton [*Henry & Buker* (61661)]; also Ohio pyle; 4 mi SW of Somerset.

Callitriche verna L. [*C. palustris* L.] -- FAYETTE: Ohio pyle [*Jennings* (61614)]. MERCER: Half Moon Swamp [*Jennings* (61615)]. SOMERSET: Sand Patch [*Henry* (92241)]; also Coleman; Kooser State Park. WESTMORELAND: Loyalhanna Gorge [*Jennings* (61620)]; also New Florence.

LIMNANTHACEAE

Floerkea proserpinacoides Willd. -- ARMSTRONG: Mahoning Creek at PA 28 [*Henry & Buker* (61722)]; also Boggsville; 3 mi SE of Kelly Station; Mosgrove. FAYETTE: 3 mi SW of Brownsville [*Henry* (61733)]; also Smock. FOREST: West Hickory [*Grisez 573*]. INDIANA: 2.5 mi NW of Uniontown [*Henry & Beer* (61720)]; also 3-4 mi N of Saltsburg; 3 mi NE of Shelocta. MIFFLIN: Newton Hamilton [*Henry* (61802)]. VENANGO: Little Sandy Creek [*Henry* (61716)]; also Utica. WARREN: Warren [*Grisez 567*].

ANACARDIACEAE

Rhus copallina L. -- CAMERON: between Emporium and St. Marys [*Buker* (61911)]; also Truman. INDIANA: Heshbon [*Henry & Beer* (61846)]; also Rochester Mills. WASHINGTON: California [*Buker* (61912)].

Rhus glabra L. -- LYCOMING: Williamsport to Allenport [*Jennings* (61966)]. MERCER: Drake [*Henry* (62010)].

Rhus typhina L. -- FULTON: US 30 at PA 915 [*Buker* (62133)]. GREENE: Rogersville [*Buker* (62080)]. LAWRENCE: Hazel Dell [*Alker* (62151)]; also Chewton to Wurtemberg; New Castle to Portersville.

Toxicodendron radicans (L.) Kuntze [*R. radicans* L.] -- GREENE: 3.5 km SSW of West Finley [*Thompson & Nishida 2402*]. POTTER: Oswayo [*Graham* (66243)].

Toxicodendron vernix (L.) Kuntze [*R. vernix* L.] -- BEAVER: no further locality [*Andriessen* (62241)]. LAWRENCE: 2.5 mi W of McConnells Mill [*Buker* (62184)]; also Leesburg. WARREN: Clarendon [*Buker & Grisez* (62178)].

AQUIFOLIACEAE

Ilex montana Torr. & Gray -- ADAMS: Biglerville [*Knepp* (62281)]. ALLEGHENY: Ingomar [*Graham* (62275)]. CAMERON: 7 mi NW of Emporium [*Henry & Rostlund* (62210)]. FULTON: Sidling Hill [*Gress* (62234)]. GREENE: Jefferson [*Bell* (62312)]. HUNTINGDON: Huntingdon [*Jennings* (62321)]. INDIANA: Glen Campbell [*Henry & Beer* (62229)]. MERCER: Grove City [*Buker* (62271)]; also 5 mi SW of Sandy Lake; Swamp Root. POTTER: Coudersport [*Jennings & Jennings* (62211)].

Ilex verticillata (L.) Gray -- CAMERON: Driftwood [*Jennings & Jennings* (62410)]. WASHINGTON: Chambers Dam [*Mellor* (62385)].

CELASTRACEAE

Celastrus orbiculatus Thunb. -- ALLEGHENY: Sewickley [Wood, et al. 4237]; also Pittsburgh. FOREST: Allegheny National Forest [Baker (62542)].

Celastrus scandens L. -- CAMERON: Sinnemahoning [Baker (62572)]. ELK: Caledonia [Baker (62570)]. FAYETTE: Connellsville [Graham (62545)]. LAWRENCE: Hazel Dell [Alker (62560)]; also New Castle to Portersville; Rock Point. MERCER: 3.5 mi NE of Sharpsville [Baker (62581)]; also Drake; 2-3 mi SW of Sandy Lake.

Euonymus atropurpureus Jacq. -- CLINTON: Hyner [Baker (62667)]. FAYETTE: Connellsville [Lewis (62670)]. UNION: 3 mi W of Lewisburg [Manning (62691)].

Euonymus obovatus Nutt. -- CAMBRIA: St. Lawrence [Jennings (62733)]; also 2.5 mi E of Nicktown. VENANGO: 8 mi N of Cooperstown [Henry & Beer (62731)].

STAPHYLEACEAE

Staphylea trifolia L. -- CAMBRIA: Johnstown [Ross (9565)]. CLINTON: 3 mi SW of Westport [Henry & Baker (62819)]; also Pottersdale to Renovo. CRAWFORD: Pymatuning [Hartman (62859)]; also Shermansville. LAWRENCE: New Castle [Robinson (62795)]. MERCER: 2-3 mi SW of Sandy Lake [Henry (62839)]; also Mercer. SOMERSET: Confluence [Henry (62828)]. UNION: Lewisburg [Manning (62820)].

ACERACEAE

Acer negundo L. -- ELK: Ridgway [Grisez 681]. LAWRENCE: Mt. Jackson [Jones 96]. McKEAN: Tunungwant Creek [Grisez 692]. SOMERSET: Jennerstown [Thompson 4117]. WARREN: North Warren [Moldenke 14889].

Acer nigrum Michx. f. -- ARMSTRONG: 3 mi SE of Manorville [Henry & Beer (62972)]. ELK: 4 mi N of St. Marys [Henry (63039)]. FAYETTE: New Gencva [Henry & Baker (62975)]; also Cheat Haven; Connellsville; Killarney Park; Ohio-pyle. FULTON: Big Cove Tannery [Baker (62966)]. LANCASTER: Millersville [Garber (63025)]. SOMERSET: Thomas Mills [Ross & Ross (9571)]. VENANGO: Wyattville [Henry & Beer (63046)]; also Utica. WARREN: Irvine [Grisez 555].

Acer pensylvanicum L. -- ALLEGHENY: Verona [Jennings (63081)]. CLARION: mouth of Clarion River [Jennings (63160)].

Acer platanoides L. -- ERIE: Presque Isle [Grisez 1029]. NORTHUMBERLAND: Sunbury [Lewis (63208)].

Acer rubrum L. var. *trilobum* K. Koch -- BEAVER: 4 mi W of Clinton [Mason (63471)]. CLINTON: 3 mi NW of Lock Haven [Henry & Baker (63454)]. CRAWFORD: Rockdale

Center [Henry & Baker (63468)]. INDIANA: Arcadia [Henry & Beer (63462)]. JEFFERSON: 3.5 mi S of Ohi [Henry (63460)]; also Roseville. POTTER: Galetton [Henry (63456)].

Acer saccharinum L. -- INDIANA: 2.5 mi W of Northpoint [Henry & Beer (63490)]. POTTER: Coudersport [Eimer (63487)].

Acer spicatum Lam. -- CAMERON: 2.8 mi N of Sinnemahoning [Baker (63768)]; also 8 mi NW of Emporium; Millcr. CRAWFORD: Linesville [Van Dersal (63852)]. VENANGO: Emlenton [Baker (25969)]; also 2.5 mi S of Cranberry.

HIPPOCASTANACEAE

Aesculus flava Soland. [*A. octandra* Marsh.] -- WASHINGTON: West Finley [Baker (25958)]; also 3.3 mi E of West Virginia border on PA 331.

Aesculus glabra Willd. -- BUTLER: Ivywood [Lochner (63934)]. FAYETTE: 3 mi SW of Brownsville [Henry (63933)].

Aesculus hippocastanum L. -- ALLEGHENY: Pittsburgh [Graham (63955)]. BEAVER: South Heights [Graham & Graham (63953)]. BUTLER: Lake Arthur [Thompson 5089]. ERIE: Edinboro [Squibb (63952)].

BALSAMINACEAE

Impatiens pallida Nutt. -- INDIANA: Yellow Creek [Henry & Beer (64242)]; also 3 mi NE of Saltsburg.

RHAMNACEAE

Ceanothus americanus L. -- CAMBRIA: 6 mi NE of Patton [Kline (64312)]. JEFFERSON: Hamilton [Henry & Beer (64341)].

Rhamnus alnifolia L'Her. -- LAWRENCE: Plain Grove [Baker (64426)].

Rhamnus cathartica L. -- ALLEGHENY: North Park [Thompson & Baker 456]; also Crafton. FULTON: Big Cove Tannery [Baker (64418)].

Rhamnus frangula L. -- ALLEGHENY: Gibsonia [Thompson 3340]; also Avalon; Glenfield; Glenshaw; Pittsburgh; Sewickley. FOREST: 9 mi SW of Marionville [Grisez 523]. WARREN: Warren [Grisez 369].

VITACEAE

Ampelopsis brevipedunculata (Maxim.) Trautv. -- ALLEGHENY: North Park (escaped) [Baker (265773)].

Parthenocissus inserta (Kern.) Fritsch [*P. vitacea* (Kern.) Hitchc.] -- LAWRENCE: Hazel Dell [Alker (64487)].

Parthenocissus quinquefolia (L.) Planch. -- LAWRENCE: Rock Point [Jennings (64505)]. MERCER: Drake [Henry (64503)]. POTTER: Planchon Berge Run [Ahles 74436]. WARREN: North Warren [Moldenke 15356]. WASHINGTON: Buffalo Creek at PA 331 [Henry & Beer (64495)].

Vitis aestivalis Michx. -- FOREST: Tionesta [Baker (64671)].

Vitis labrusca L. -- GREENE: Ursina [Baker (64697)]. LAWRENCE: Rock Point [Jennings (64712)]. SOMERSET: 3-4 mi N of Confluence [Henry (64757)]. TIOGA: Wellsboro [Jennings & Jennings (64723)]. WARREN: North Warren [Moldenke 15376]. WASHINGTON: McMurray [Baker (64770)].

Vitis riparia Michx. -- ARMSTRONG: Cowanshannock [Bright (64824)]; also Freeport. CRAWFORD: Cambridge Springs [Lebennan (29091)]. FAYETTE: Ohio pyle [Jennings (64827)]. GREENE: Mt. Morris [Henry & Baker (64849)].

Vitis vulpina L. -- ERIE: Presque Isle [Jennings (64775)]. FOREST: Tionesta [Henry & Baker (64850)]. JEFFERSON: Heathville [Henry & Beer (64855)]. POTTER: Cross Fork [Graffius (64856)]. VENANGO: Utica [Henry & Beer (64883)].

TILIACEAE

Tilia americana L. -- CAMERON: Driftwood [Baker (64911)]. CLARION: mouth of Clarion River [Jennings (64927)]. INDIANA: Willet [Henry & Beer (64926)]. LAWRENCE: Harlansburg [Baker (64968)]; also Mt. Jackson; New Castle.

Tilia heterophylla Vent. -- CAMERON: Driftwood [Bright (65039)]. MONROE: East Stroudsburg [Jennings & Jennings (65075)].

MALVACEAE

Abutilon theophrasti Medic. -- GREENE: Jollytown [Henry & Beer (65111)]. WARREN: North Warren [Moldenke 15624].

Althaea officinalis L. -- ERIE: Erie [Guttenberg (65086)].

Hibiscus moscheutos L. -- ALLEGHENY: Killbuck Township [Baker (65141)].

Hibiscus syriacus L. -- ALLEGHENY: Pittsburgh [Farnsworth (10586)]. ARMSTRONG: Kittanning [Neale (65137)]. BEAVER: Freedom [Shafer (65138)]. FAYETTE: Brownsville

[Koch (65139)].

Hibiscus trionum L. -- CAMBRIA: Nicktown [Kline (65182)]. WASHINGTON: West Finley [Henry (65195)].

Malva moschata L. -- BUTLER: Moraine State Park [Lochner (9221)]. JEFFERSON: 5 mi NE of Sigel [Henry (65174)]. MERCER: Pymatuning Township [Cusick 23658].

Malva neglecta Wallr. -- LAWRENCE: New Castle [Robinson (65264)].

HYPERICACEAE

Hypericum ascyron L. [*H. pyramidatum* Ait.] -- FOREST: 5 mi N of Tionesta [Baker (66006)]. JEFFERSON: Cooksburg [Bright (66010)].

Hypericum ellipticum Hook. -- BEAVER: Shippingport [Henrici (65421)].

Hypericum gentianoides (L.) B.S.P. -- BEAVER: Raccoon Creek Park [Henrici (65481)].

Hypericum mutilum L. -- CAMERON: Driftwood [Jennings & Jennings (65516)].

Hypericum perforatum L. -- GREENE: 3 mi SE of Ryerson [Henry & Baker (65779)]; also 3 mi NE of Waynesburg. LAWRENCE: 3.3 mi NW of Plain Grove [Baker (65817)]; also New Castle; New Wilmington.

Hypericum prolificum L. [*H. spathulatum* (Spach) Steud.] -- JEFFERSON: Sigel [Henry (66032)].

Hypericum punctatum Lam. -- WASHINGTON: Bavington [Baker (65921)]; also Marianna.

Triadenum virginicum (L.) Raf. -- ARMSTRONG: Kittanning [Jennings (66263)]. FAYETTE: 5 mi E of Farmington [Baker (66198)]; also Deer Lake; Normalville; 8 mi SE of Ohio pyle. INDIANA: Yellow Creek [Henry & Beer (66191)]. LAWRENCE: Leesburg [Henry & Beer (66217)]. VENANGO: Lisbon [Baker (66186)].

CISTACEAE

**Helianthemum bicknellii* Fern. -- BEAVER: no further locality [Andriessen (66245)].

Lechea pulchella Raf. [*L. leggettii* Britt. & Hollick] -- PIKE: Lake Wallenpaupack [Baker (66299)]; also Matamoras. WAYNE: Atco [Glowenke 1012].

Lechea racemulosa Michx. -- INDIANA: Blairsville [Shafer (66340)]. WASHINGTON: 10 mi NW of Florence [Baker (66333)].

VIOLACEAE

Hybanthus concolor (T.F. Forst.) Raf. -- LAWRENCE: Ellwood City [*Henry & Buker* (66412)]. SOMERSET: Confluence [*Henry* (66400)]; also 6 mi E of Bedford County line. WARREN: North Warren [*Roberts* (66411)]. WASHINGTON: 5 mi S of Burnsville [*Henry* (66451)].

Viola affinis LeConte -- BEAVER: PA 18 and US 30 [*Buker* (68154)]; also Smiths Ferry. FAYETTE: 3.5 mi E of Haydentown [*Henry & Buker* (66504)]; also White House. FOREST: Mayburg [*Buker* (67833)]; also S of Warren County line on US 62. LAWRENCE: New Castle [*Robinson* (66511)]. SOMERSET: Sand Patch [*Henry* 68207)].

Viola arvensis Murr. -- CAMBRIA: Nicktown [*Kline* (66466)]. CLARION: Emlenton [*Bright* (66465)]. CRAWFORD: Pymatuning [*Buker* (66463)]. SOMERSET: Downey [*Henry & Buker* (66464)].

Viola canadensis L. -- DAUPHIN: Monada Gap [*Jennings* (66910)]. VENANGO: Emlenton [*Buker* (66846)]; also Perry Run.

Viola conspersa Reichenb. -- BEAVER: Pine Grove [*Andriessen* (67010)]. GREENE: Wind Ridge [*Buker* (9895)]; also Ryerson.

Viola fimbriatula J.E. Smith -- ARMSTRONG: Mahoning Creek [*Henry & Buker* (67477)]; also Templeton; 3 mi S of Worthington. CLARION: Shipperville [*Henry & Buker* (67390)]; also Leatherwood; St. Petersburg. ELK: De Young [*Henry & Buker* (67384)]; also Carman; 4.5 mi NE of Millstone; Ridgway.

Viola hastata Michx. -- LAWRENCE: New Castle [*Robinson* (67634)].

Viola incognita Brainerd -- INDIANA: Commodore [*Henry & Beer* (67789)].

Viola lanceolata L. -- CAMERON: 3 mi NW of Driftwood [*Buker* (67842)]. INDIANA: Heshbon [*Henry & Beer* (67848)]; also Blairsville.

Viola macloskeyi Lloyd subsp. **pallens** (Banks ex DC.) M.S. Baker [including *V. blanda* Willd. and *V. pallens* (Banks) Brainerd] -- BEAVER: 3 mi N of Eastvale [*Henry* (66829)]. GREENE: Waynesburg [*Dickey* (66831)]; also Wind Ridge.

***Viola nephrophylla** Greene [Species not listed in Wherry, et al. (1979). The identification of this specimen is disputed; H.E. Ballard (1982) determined it as the above and L.E. McKinney (1986) identified the specimen as *V. affinis* LeConte.] -- ERIE: Wattsburg [*Buker* (66509)].

Viola obliqua Hill [*V. eucullata* Ait.] -- WASHINGTON: Paris [*Henry & Buker* (67249)]; also Hanlin.

Viola odorata L. -- HUNTINGDON: Birmingham [*Orlady* (67812)]. WARREN: Warren [*Simpson* 14510)].

Viola palmata L. -- ARMSTRONG: 6 mi NE of Kittanning

[*Henry & Buker* (69410)]; also Boggsville; 6 mi N of Leechburg. CAMBRIA: Nicktown [*Kline* (69426)]. CAMERON: 3 mi S of Emporium [*Henry & Buker* (69517)]. CLARION: Sarah Furnace [*Buker* (69513)]; also Alum Rock; Leatherwood. CLINTON: Hyner [*Henry & Buker* (69401)]. CRAWFORD: Meadville [*Buker* (69544)]; also Hartstown. CUMBERLAND: Doubling Gap [*Creutz* (69512)]. FAYETTE: 3.5 mi N of Ohiopyle [*Buker* (67686)]; also Cheat Haven; Dunbar; 6 mi W of Scullton. FOREST: 3 mi SW of Tionesta [*Buker* (69516)]. GREENE: 3 mi N of Pine Bank [*Buker* (69588)]; also 3.5 mi SW of Deep Valley; Dunkard; Garards Fort; Jefferson; Waynesburg; 10 mi SE of Waynesburg. INDIANA: Pine Flats [*Henry & Beer* (69406)]. LAWRENCE: Ellwood City [*Henry & Buker* (69548)]; also New Castle. McKEAN: 3 mi E of Warren County line on PA 59 [*Buker* (69515)]. MERCER: Drake [*Henry* (69546)]. VENANGO: 8.3 mi N of Oil City [*Buker* (69402)]; also 3 mi E of Cooperstown; Emlenton; 3 mi NE of Lisbon. WARREN: 4 mi E of Columbus [*Buker* (69541)]; also Irvine; 8.5 mi NE of Scandia; Warren. WASHINGTON: 5 mi SE of Burnsville [*Buker* (69578)]; also Belle Vernon; Charleroi; Hanlin; Prosperity.

***Viola pedatifida** G. Don var. **brittoniana** (Pollard) McKinney, ined. [*V. brittoniana* Pollard] -- ALLEGHENY: Warrendale [*Bright* (69509)].

Viola x porterana Pollard -- BEAVER: Lower Raccoon Creek [*Bright* (68243)].

Viola primulifolia L. -- CLARION: Sarah Furnace [*Henry & Buker* (68079)]. ELK: Highland Corners [*Grisez* (68089)]. PIKE: Twin Lakes [*Bright* 19317]. SOMERSET: Bakersville [*Jennings* (68087)]; also Buckstown; Deal; Lambertville. WESTMORELAND: 3.5 mi S of Rector [*Mulvihill & Lebernan* (287302)].

Viola pubescens Ait. -- CAMBRIA: PA 271 and US 22 [*Henry & Buker* (68487)]. INDIANA: Willet [*Henry & Beer* (68640)]; also Commodore; 3 mi E of Dayton.

Viola rafinesquii Greene -- CAMBRIA: Nicktown [*Kline* (67751)].

Viola rostrata Pursh -- CAMERON: 3 mi S of Emporium [*Henry & Buker* (68654)]. CLARION: Sarah Furnace [*Henry & Buker* (68652)]; also Parkers Landing. CLINTON: Tamarack [*Graffius* (68802)].

Viola rotundifolia Michx. -- CLARION: Marble [*Buker* (68751)]; also Sarah Furnace. MERCER: 5 mi SW of Sandy Lake [*Henry & Erdman* (68752)]. VENANGO: Emlenton [*Buker* (68768)]; also 3.5 mi NW of Cooperstown; Lisbon; Utica.

Viola sagittata Ait. -- CAMBRIA: Johnstown [*Patterson* (67409)]; also Cresson. CAMERON: 15 mi S of Sinnemahoning [*Buker* (67360)]; also 3 mi S of Emporium. CLEARFIELD: Clearfield to Pottersdale [*Jennings* (67468)]; also 5 mi NE of Karthaus; McGees Mills; Rockton. CLINTON: 3.7 mi W of Keating [*Buker* (67365)]; also Hyner View; Pottersdale; 2-3 mi S of State Camp; Tamarack. CRAWFORD: Linesville [*Buker* (69091)]. ELK: Carman [*Buker & Krouse* (67385)]; also De Young; Millstone; Ridgway.

ERIE: 2.5 mi W of Lowville [*Henry & Buker* (68945)]; also Union City. FOREST: Marienville [*Henry* (67474)]; also Chaffee; Cook Forest. HUNTINGDON: Birmingham [*Jennings* (67391)]; also 2.5 mi NW of Saltillo. INDIANA: Creekside [*Henry & Beer* (67475)]; also Nolo. LYCOMING: Williamsport [*Young* (67529)]. McKEAN: Clcrmont [*Buker* (67363)]; also Wrights. PERRY: Sterretts Gap [*Buker* (67548)]; also Markelville; New Bloomfield. POTTER: Cross Fork [*Graffius* (67472)]. UNION: Allenwood [*Savage* (68920)]. WASHINGTON: Houston [*Henry* (67524)]; also Amity; Charleroi. WAYNE: Waymart [*Jennings* (67539)].

Viola septentrionalis Greene -- CAMERON: N of Clearfield line on Sinnemahoning-Piper road [*Buker* (69452)].

Viola sororia Willd. -- CAMERON: 7 mi NW of Driftwood [*Buker* (69009)]; also 3 mi S of Emporium; Sterling Run. McKEAN: Morrison [*Henry* (69457)]; also Kane. MERCER: 5 mi N of Sharpsville [*Buker* (67702)]; also Carlton; Drake; 3 mi NE of Grove City.

Viola striata Ait. -- CAMERON: Sterling [*Henry & Buker* (69290)]. JEFFERSON: Rathmel [*Buker* (69503)]. POTTER: Jamison to Hammersley [*Graham* 17]. WAYNE: Taughannock Falls [*Roberts* (69387)].

Viola tricolor L. -- ALLEGHENY: Glenshaw [*Bright* (69444)]. McKEAN: Allegheny National Forest [*Grisez* 630].

Viola walteri House [**V. appalachensis* L.K. Henry] -- ERIE: Union City [*Henry & Buker* (66470)].

THYMELEACEAE

Dicra palustris L. -- BUTLER: Christleys Mills [*Henry* (69650)]. CLINTON: Tamarack [*Graffius* (69656)]. ELK: Medix Run [*McClelland* (69657)].

ELAEAGNACEAE

Elaeagnus angustifolia L. -- ALLEGHENY: Crafton [*Mason* (69697)]; also Pittsburgh. BERKS: Wernersville [*Wilkins* (69698)]. BUTLER: Lake Arthur [*Thompson* 5086]. FAYETTE: Laurelville [*Gordon* (69699)].

LYTHRACEAE

**Ammannia coccinea* Rottb. -- BUCKS: Lake Galena [*Eggers* 85-009].

Lythrum salicaria L. -- ALLEGHENY: Carnegie [*Buker* (254160)]; also Oakmont; Sandy Creek; South Park. BEAVER: Shippingport [*Ohlsson & Crandell* 3562]. CRAWFORD: Conneaut Lake [*Jennings & Boardman* (69798)]. FAYETTE: Mill Run Reservoir [*Polechko* (304467)]. LAWRENCE: 4 mi SW of Harlansburg [*Buker*

(69796)]. McKEAN: Marshburg [*Buker* (21280)]; also 2.5 mi S of Bradford. MERCER: North Liberty [*Henry* (69797)]. WARREN: Warren [*Grisez* 542].

ONAGRACEAE

Circaea lutefiana L. subsp. *canadensis* (L.) Asch. & Magnus -- TIOGA: Tioga State Forest [*Wible* 591].

Epilobium ciliatum Raf. [*E. glandulosum* Lehm. var. *adenocaulon* (Hauskn.) Fern.] -- LAWRENCE: Plain Grove [*Buker* (254190)]. WASHINGTON: McDonald [*Farnsworth* (10066)].

Epilobium hirsutum L. -- BUTLER: Connoquenessing Township [*Lochner* (9222)]. CRAWFORD: 2.7 mi E of Geneva [*Lebennan* (202057)]. POTTER: Hebron Center [*Jolley* (265027)]. WARREN: Akeley [*Grisez* 684].

Gaura biennis L. -- CLARION: Sarah Furnace [*Buker* (70269)]. LAWRENCE: Robinson [*Cusick* 22972]. VENANGO: Emlenton [*Henry* (70288)].

Ludwigia alternifolia L. -- SOMERSET: Berlin [*Jennings* (70368)]. VENANGO: Freedom [*Buker* (70317)].

Ludwigia palustris L. -- WASHINGTON: Taylorstown [*Henry & Beer* (70482)].

Oenothera biennis L. -- BRADFORD: Laquin [*Turley* (70624)]. CLEARFIELD: 7 mi NW of Clearfield [*Buker* (70510)]; also 3 mi W of Lumber City; McGees Mills. CLINTON: 6 mi N of Westport [*Henry & Buker* (70513)]. FAYETTE: 4 mi N of Masontown [*Henry & Buker* (70563)]; also Layton; Ohioptyle. FULTON: Harrisonville [*Henry & Buker* (70551)]; also Big Tonoloway Creek. JEFFERSON: 2.5 mi S of Allens Mills [*Henry* (70535)]; also Big Run; Coder; Emrickville; 3.5 mi S of Ohl; 5 mi NE of Sigel. LAWRENCE: Eastbrook [*Henry & Beer* (70587)]; also Bessemer; Elliot Mills. SOMERSET: Reels Corners [*Jennings* (70561)].

Oenothera fruticosa L. subsp. *glauca* (Michx.) Straley [Specimens mostly mapped as *O. tetragona* Roth var. *longistipata* (Pennell) Munz (Wherry, et al., 1979).] -- BEAVER: Ambridge [*Graham* (70629)]; also Turkeyfoot. CAMBRIA: Johnstown [*Jennings* (70679)]; also Nicktown; Patton. FOREST: Tionesta [*Buker* (70647)]. LAWRENCE: Plain Grove [*Buker* (70673)]; also Wurtemberg.

Oenothera perennis L. -- LAWRENCE: Plain Grove [*Buker* (254178)].

HALORAGIDACEAE

Myriophyllum spicatum L. -- BEAVER: Ellwood City [*Baver* (70889)]. CAMBRIA: Prince Gallitzin State Park [*Kline* (70878)]. DAUPHIN: Harrisburg [*Porter* (9334)]. WASHINGTON: Speers [*Cusick* 27119].

ARALIACEAE

Aralia hispida Vent. -- CAMERON: Piper-Medix Run and Sinnemahoning roads [Baker (70949)]. WESTMORELAND: Laurel Summit Glade [Mulvihill (unmounted)].

Aralia nudicaulis L. -- GREENE: Jefferson [Henry & Beer (71160)]; also Garrison. LAWRENCE: Eastbrook [Henry & Baker (71158)]; also Slippery Rock Creek. WASHINGTON: Florence [Baker (70977)].

Aralia racemosa L. -- WASHINGTON: McDonald [Dearolph (71243)].

Aralia spinosa L. -- CARBON: Mauch Chunk [Fogg 11963]. LANCASTER: Ephrata [Brubaker 1408]. LYCOMING: Williamsport to Allenwood [Jennings (71259)]. McKEAN: 3 mi NE of Ludlow [Grisez 563]. POTTER: 5 mi N of Costello [Graham (71289)]. SCHUYLKILL: New Ringgold [Wagner 7170]. SULLIVAN: 8 mi E of Laporte [Westerfeld (71269)]. UNION: Millmont [Will (71260)].

**Panax quinquefolius* L. -- GREENE: 4 mi NE of Mt. Morris [Henry & Baker (71320)]; also 5 mi SE of Waynesburg. POTTER: Austin [Graham (71357)]. VENANGO: Henrys Bend [Wurdock (71330)].

Panax trifolius L. -- CLARION: 5 mi NE of East Brady [Henry (71400)]; also Lawsonham; 5 mi S of Venus.

APIACEAE

Aegopodium podagraria L. -- CLEARFIELD: Penfield [Baker (202013)]. ERIE: 4 mi NE of Union City [Baker (71696)]. WARREN: 3 mi SW of Scandia [Grisez 594].

Aethusa cynapium L. -- ALLEGHENY: Pittsburgh [McCallum (71687)].

Anethum graveolens L. -- CAMBRIA: Johnstown [Jennings (71684)].

Angelica atropurpurea L. -- FAYETTE: Ohiopyle [Baker (71511)].

Angelica venenosa (Greenway) Fern. -- GREENE: 3 mi SW of Deep Valley [Henry & Beer (71584)]. JEFFERSON: 5.5 mi NE of Sigel [Henry (71573)]; also Elbel Junction. LAWRENCE: Hillsville [Beer (71581)]; also McConnells Mill.

Anthriscus sylvestris (L.) Hoffm. -- WARREN: Irvine [Grisez 515].

Carum carvi L. -- ALLEGHENY: Bradford to Ambridge [Jennings, et al. (71672)]. CAMBRIA: Patton [Kline (71669)].

Chaerophyllum procumbens (L.) Crantz -- FAYETTE: Masonstown [Henry & Beer (71706)]; also Smock. FULTON: Dickey's Mountain [Henry & Baker (71703)]. LACKAWANNA: Moose Lake [Twining (72005)]. LAWRENCE: Ellwood City [Bright 71714)]; also Neshannock Falls. POTTER: 4 mi S of

Coudersport [Shaw (71983)]. SOMERSET: Confluence [Henry (71705)].

Conium maculatum L. -- CRAWFORD: Hartstown [Bright (71979)]. GREENE: 1.9 km ESE of Majorsville, West Virginia [Nishida & Bier 738].

Daucus carota L. -- WASHINGTON: Washington [Wilson 103].

Foeniculum vulgare P. Mill. -- ALLEGHENY: Stoops Ferry [Shafer (72265)].

Hydrocotyle americana L. -- ERIE: 3 mi N of Edinboro [Henry (72406)]; also Erie. FOREST: Tionesta [Baker (72360)]; also 6 mi NE of Mayburg. POTTER: Galeton [Baker (72348)].

Hydrocotyle ranunculoides L.f. -- WARREN: Akeley [Grisez 585].

**Ligusticum canadense* (L.) Britt. -- MIFFLIN: Lewistown [Bright (72483)].

Osmorhiza claytonii (Michx.) C.B. Clarke -- CAMERON: 3 mi NW of Driftwood [Baker (72490)]. FRANKLIN: Sylvan [Baker (72536)]; also 3 mi SE of Mercersburg. FULTON: Big Tonoloway Creek [Henry & Baker (72451)].

Osmorhiza longistylis (Torr.) DC. -- CLINTON: E of Cameron County line on PA 120 [Baker (72643)]. ERIE: Elk Creek at PA 98 [Baker (72667)]. JEFFERSON: Roseville [Henry & Beer (72580)]. WARREN: Warren [Moldenke 14806].

Pastinaca sativa L. -- FAYETTE: Dawson [Utech 81-212]. GREENE: Sycamore [Henry & Baker (72791)]; also 3 mi NE of Waynesburg. LAWRENCE: New Wilmington [Helen (72782)].

Sanicula canadensis L. -- CRAWFORD: Hydertown [Henry & Baker (72823)]; also Conneaut Lake. ELK: Medix Run [McClelland (72803)]. FOREST: East Hickory [Henry & Baker (72795)].

Sanicula gregaria Bickn. -- ERIE: Presque Isle [Van Dersal (72931)]. LAWRENCE: Hillsville [Beer (72936)]; also 2.5 mi W of Eastbrook.

Sanicula marilandica L. -- POTTER: Brookland [Graham (73062)]. WASHINGTON: Potato Garden Run and Raccoon Creek [Mason (73018)].

Sanicula trifoliata Bickn. -- ARMSTRONG: 6 mi NNE of Leechburg [Henry & Beer (73037)]. BEAVER: Fallston [Henry & Beer (73047)]; also Georgetown; Independence Township. FAYETTE: Cheat Haven [Jennings & Jennings (73034)]. GREENE: 3 mi NE of Waynesburg [Baker (73060)].

Taenidia integerrima (L.) Drude -- CRAWFORD: Saegertown [Baker (73129)]. GREENE: Rogersville [Baker (73133)]. LAWRENCE: Eastbrook [Robinson (73160)].

Thaspium barbinode (Michx.) Nutt. -- ERIE: 5 mi S of I-90 on PA 8 [Utech 85-4]. INDIANA: Saltsburg [Henry (73197)]; also 3 mi E of Dayton. JEFFERSON: Hamilton [Henry (73236)]. LAWRENCE: Plain Grove [Baker (73256)]. McKEAN: Morrison [Henry (73235)]. NORTHAMPTON/LEHIGH: Bethlehem [Wolle (73278)]. WARREN: Irvine [Henry & Baker (73255)].

Thaspium trifoliatum (L.) Gray -- LACKAWANNA: Scranton [Henry (73326)]. SCHUYLKILL: Point Clinton [Henry (73381)].

Zizia aptera (Gray) Fern. -- VENANGO: Bullion [Baker (73433)].

Zizia aurea (L.) W.D.J. Koch -- CLARION: 3 mi SW of Elk City [Baker (73498)]. GREENE: Carmichaels [Henry (73505)].

CORNACEAE

Cornus alternifolia L.f. -- ELK: Medix Run [McClelland (73552)].

Cornus amomum P. Mill. -- BEAVER: 4 mi W of Darlington [Henry & Baker (74158)]; also Four-Mile Bridge. POTTER: Wharton [Henry (74132)].

Cornus canadensis L. -- McKEAN: Hazelhurst [Boardman (73804)]. VENANGO: Clintonville [Henry (73811)]; also Kennerdell; 4.3 mi SW of Pleasantville.

Cornus florida L. -- CAMBRIA: Nicktown [Kline (73906)]. CAMERON: 7 mi NW of Driftwood [Baker (73888)]. POTTER: Austin [Eimer (73889)].

Cornus foemina P. Mill. subsp. **racemosa** (Lam.) J.S. Wilson [*C. racemosa* Lam.] -- FAYETTE: Connellsville [Lewis (74268)]; also 7 mi E of Uniontown; Uniontown. McKEAN: Bonnet [Grisez 616]. POTTER: Harrison Valley [Eimer 23]; also Cross Fork Hollow.

Cornus rugosa Lam. -- BUTLER: Middle Lancaster [Lochner (74335)].

NYSSACEAE

Nyssa sylvatica Marsh. -- CAMBRIA: 2.5 mi N of Nicktown [Kline (69930)]. CRAWFORD: 3 mi S of Townville [Uberman (69895)]. McKEAN: PA 346 and PA 321 [Grisez 627]. POTTER: Cross Fork [Henry (69986)].

PYROLACEAE

Chimaphila umbellata (L.) Bart. -- CLARION: Marble [Baker (74508)]. FOREST: 7 mi NW of Frills Corners [Baker (74502)]; also US 62 near Warren County line.

Monotropa hypopithys L. -- ELK: Portland Mills [Henry & Baker (74560)]. FOREST: 3 mi W of Kellettville [Grisez 514].

Pyrola americana Sweet [*P. rotundifolia* L. var. *americana* (Sweet) Fern.] -- JEFFERSON: near Elk County line on PA 949 [Henry & Baker (74864)]. WASHINGTON: Murdocksville [Baker (74869)].

Pyrola elliptica Nutt. -- ARMSTRONG: no further locality [Knipe (75096)]. CAMERON: E of Elk County line on PA 120 [Baker (75025)]. ELK: Benezette [Baker (75028)].

ERICACEAE

Epigaea repens L. -- ERIE: Mercyhurst [Hepner (111358)].

***Gaultheria hispidula** (L.) Muhl. ex Bigel. [*Chiogenes hispidula* (L.) Torr. & Gray] -- POTTER: 4-5 mi N of Coudersport [Baker (75332)].

Gaultheria procumbens L. -- GREENE: Mt. Morris [Henry & Baker (75457)]; also 3 mi SW of Deep Valley.

Gaylussacia baccata (Wang.) K. Koch -- CAMERON: Sinnemahoning and Karthaus roads [Baker (75663)]. GREENE: Mt. Morris [Henry & Beer (75638)]; also 3 mi SW of Deep Valley; Time. McKEAN: E of Warren County line on PA 59 [Baker (75555)].

***Gaylussacia dumosa** (Andr.) Torr. & Gray -- LEHIGH: Bethlehem [Wolle (75772)].

Gaylussacia frondosa (L.) Torr. & Gray -- CLINTON: 2-3 mi S of State Camp [Henry & Baker (75748)]. LACKAWANNA: Carbondale [Baker (75757)]. YORK: Clark Valley [Bright (75764)].

Lyonia ligustrina (L.) DC. -- ARMSTRONG: no further locality [Knipe (76031)]. FOREST: 3 mi NW of Tionesta [Grisez 481].

***Oxydendrum arboreum** (L.) DC. -- CHESTER: Unionville [Seals (254433)]. SOMERSET: Somerset [Curto (76080)].

Rhododendron maximum L. -- CRAWFORD: 2.5 mi SW of Townsville [Henry (76196)]. MERCER: Cresson Springs [Aschman (76201)]. POTTER: 7 mi NE of Cross Fork [Henry (76232)].

Rhododendron periclymenoides (Michx.) Shinners -- McKEAN: E of Warren County line on PA 59 [Baker (76241)].

Vaccinium angustifolium Ait. -- CAMERON: Sinnemahoning-Piper road [Baker (76503)]; also 3 mi S of Emporium; Truman.

Vaccinium corymbosum L. [including *V. atrococcum* (Gray) Heller] -- LAWRENCE: Hehlansburg [Henry (76788)]; also Eastbrook; 2 mi SE of Leesburg. SOMERSET: Blackfield [Henry & Ross (76692)].

Vaccinium macrocarpon Ait. -- CLARION: Rimersburg [Baker (76874)]. McKEAN: Ormsby [Grisez 609].

Vaccinium pallidum Ait. [*V. vacillans* Torr.] -- ERIE: 3.5 mi SE of Wattsburg [Henry & Baker (77430)]. McKEAN: 11 mi W of Bradford [Grisez 690].

Vaccinium stamineum L. -- GREENE: Graysville [Henry & Baker (77159)]; also 3.5 mi SW of Deep Valley; Mt. Morris. McKEAN: 7.2 mi N of Port Allegany [Baker (77020)]; also 11 mi W of Bradford; 3.2 mi NW of Marshburg.

PRIMULACEAE

Anagallis arvensis L. -- HUNTINGDON: 2.5 mi NW of Sallito [Pearth (77437)].

Lysimachia nummularia L. -- LAWRENCE: Bessemer [Henry & Beer (77686)]. VENANGO: Rockland Station [Henry (77675)].

Lysimachia quadrifolia L. -- GREENE: 3.5 km SSW of West Finley [Thompson & Nishida 2398]. SOMERSET: Fairhope [Baker (77845)]; also 5 mi from Blough; Glen Savage; Johnstown; Laurel Hill.

Samolus parviflorus Raf. -- ERIE: West Springfield [Vogler & Bier 4-3]. NORTHAMPTON: Easton [Jennings (78160)].

Trientalis borealis Raf. -- ARMSTRONG: no further locality [Knipe (78095)]. LAWRENCE: New Castle [Robinson (78137)]. POTTER: 10 mi S of Coudersport [Baker (78087)].

EBENACEAE

Diospyros virginiana L. -- MERCER: Sharon [Hasse (78178)]. SNYDER: Troxelville [Lewis (78177)]. WASHINGTON: Primrose [Baker (78165)].

OLEACEAE

Fraxinus americana L. -- CAMERON: Sinnemahoning [Henry & Roslund (78186)].

Fraxinus nigra Marsh. -- INDIANA: Luciusboro [Henry & Baker (78372)].

Fraxinus pennsylvanica Marsh. -- FAYETTE: Connellsville [Lewis (78403)]. SOMERSET: Quemahoning Reservoir [Mozingo (78432)].

Ligustrum obtusifolium Sieb. & Zucc. -- WARREN: North Warren (escaped) [Moldenke 15213].

Ligustrum ovalifolium Hassk. -- WESTMORELAND: Trafford [Jennings (78481)].

Ligustrum vulgare L. -- ERIE: Presque Isle [Baker (78470)].

Syringa vulgaris L. -- WARREN: Irvine [Henry & Baker (78462)].

LOGANIACEAE

Buddleja davidii Franch. -- ALLEGHENY: Pittsburgh (escape) [Baker (78460)]. WESTMORELAND: Tunnelton [Henry (78459)].

GENTIANACEAE

Bartonia virginica (L.) B.S.P. -- BEAVER: Legionville Hollow [Jennings (78570)]. ELK: Carman [Grisez 656]; also Medix Run. MERCER: 5 mi SW of Sandy Lake [Henry & Erdman (78550)]; also Perrine Corners; Swamp Root. SOMERSET: Buckstown [Jennings (78552)].

Gentiana andrewsii Griseb. -- CAMERON: 4.3 mi S of McKean County line on PA 46 [Baker (78579)]. FAYETTE: Melcroft [Utech 81-427]. MONROE: Marshalls Creek [Henry & Graham (78618)]. SOMERSET: Ferretown [Utech 81-438].

Gentiana crinita Froel. -- FOREST: between Clarington and Redcliff [Baker (78824)].

Gentiana quinquefolia L. -- WARREN: 5 mi E of Warren [Grisez 665].

Menyanthes trifoliata L. -- WARREN: Clarendon [Baker & Grisez (78528)].

Obolaria virginica L. -- FULTON: 2.5 mi SE of Warfordsburg [Baker & Beer (78494)].

Sabatia angularis (L.) Pursh -- WASHINGTON: 5 mi SE of Burnsville [Baker (78923)].

APOCYNACEAE

Apocynum androsaemifolium L. -- GREENE: 3 mi NE of Waynesburg [Henry & Beer (79115)]. LAWRENCE: Eastbrook [Henry & Beer (78991)]; also New Castle; Rock Point. WASHINGTON: Hackney Station [Grimm (79063)].

Apocynum cannabinum L. -- MERCER: Leesburg [Baker (79120)].

Vinca minor L. -- BEAVER: New Bethlehem [Henrici (79307)]. CRAWFORD: Meadville [Mossmann (293823)]. ELK: Medix Run [McClelland (79322)]. LAWRENCE: New Wilmington [Henlen 140]; also New Castle. WASHINGTON: Lawrence [Thompson 598].

ASCLEPIADACEAE

Asclepias exaltata L. -- CAMERON: Sinnemahoning [Baker (79329)]. CLARION: Clarion [Jennings (80332)]. ELK: 3-4 mi NW of Millstone [Henry (80328)]; also Glen Hazel. FOREST: Endeavor [Leberman (80323)]. GREENE: 5 mi above mouth of Dunkard Creek [Graham (79377)]; also 2.5 mi N of Oak Forest. MERCER: Henderson [Henry & Beer (79361)]. POTTER: Cross Fork [Boufford & Wood 21154]; also 4.5 mi NW of Carter Camp. WASHINGTON: PA 231 at Buffalo Creek [Baker (203913)].

Asclepias incarnata L. -- CAMERON: 2 mi E of Dents Run [Baker (79546)].

Asclepias purpurascens L. -- ALLEGHENY: Leetsdale [Baker (202007)]. BEAVER: Raccoon Creek at US 30 [Heurici (80692)]. POTTER: Dryfield [Eimer (80689)].

Asclepias quadrifolia Jacq. -- WARREN: Warren [Griseb 511].

Asclepias syriaca L. -- GREENE: Sycamore [Henry & Baker (80481)]; also Jefferson; 3.5 mi N of Nettle Hill. INDIANA: Willet [Henry & Beer (80492)]. LAWRENCE: Harlansburg [Jennings (80475)]. WASHINGTON: Bavington [Baker (80453)].

Asclepias tuberosa L. -- CAMBRIA: 2.5 mi N of Nicktown [Kline (80539)]. LAWRENCE: New Castle [Robinson (80542)].

**Asclepias variegata* L. -- MONROE: Delaware Water Gap [Knipe (80670)].

CONVOLVULACEAE

Calystegia pubescens Lindl. -- LAWRENCE: McConnells Mill [Bright (80714)].

Calystegia spithamea (L.) Pursh -- WARREN: Warren [Griseb 336].

**Cuscuta cephalanthil* Engelm. -- FULTON: Harrisonville [Baker (80896)]. MERCER: Sharpsville [Baker (80906)]. WASHINGTON: Murdocksville [Baker (80904)].

Cuscuta eplthymum (L.) L. -- HUNTINGDON: Pennsylvania Furnace [Jennings (80894)].

Cuscuta gronovii Willd. ex Schultz -- FULTON: Harrisonville [Henry & Baker (80879)]. LAWRENCE: Plain Grove [Baker (254186)]; also 4 mi E of New Castle.

Cuscuta pentagona Engelm. -- FAYETTE: 3 mi NNW of Melcroft [Utch 82-389].

Ipomoea hederacea Jacq. -- ALLEGHENY: Dixmont [Bright (81008)]; Glenshaw [Bright (81009, 81010)]. WASHINGTON: New Eagle [Baker (81006)].

Ipomoea pandurata (L.) G.F.W. Mey. -- BEAVER: 4 mi W

of Clinton [Baker (81035)]; also Reardons Run. BUTLER: 4 mi NE of Harmony [Henry (81034)]. LAWRENCE: Rock Point to Ellwood [Shafer (81033)]. SOMERSET: 3-4 mi N of Confluence [Henry (81022)]; also Somersct. WASHINGTON: Amity [Baker (81049)].

Ipomoea purpurea (L.) Roth -- MERCER: Osgood [Henry & Baker (80997)].

POLEMONIACEAE

Phlox maculata L. -- WASHINGTON: 5 mi N of Hanlin Station [Baker (81257)]; also Aunt Clara Fork of Kings Creek.

Phlox paniculata L. -- VENANGO: 5 mi SE of Oil City [Henry (81337)]. WARREN: North Warren [Moldenke 16702].

Phlox stolonifera Sims -- CRAWFORD: Pymatuning State Park [Bissell 1985:48].

Phlox subulata L. -- BUTLER: no further locality [Passavant (81491)]. CAMBRIA: 2 mi E of Camp Hamilton [Van Dersal (81485)]. CLINTON: Keating [Henry & Baker (81476)].

Polemonium reptans L. -- CLINTON: Hyner [Baker (81526)]; also 3 mi NW of Lock Haven. NORTHAMPTON/LEHIGH: Bethlehem [Wolle (81602)].

HYDROPHYLLACEAE

Hydrophyllum appendiculatum Michx. -- FAYETTE: New Geneva [Henry & Beer (81688)].

Hydrophyllum canadense L. -- BUTLER: Todd Sanctuary [Lochner (81739)]. MERCER: Carlton [Leberman (81754)].

Hydrophyllum virginianum L. -- CLARION: 5-6 mi W of PA 854 on PA 861 [Baker (81787)]. UNION: Lewisburg [Atkins (81788)].

Phacelia purshii Buckl. -- FAYETTE: Masontown [Henry & Beer (81913)]; also 2-3 mi S of Ralph. FRANKLIN: Sylvan [Baker (81944)].

BORAGINACEAE

Cynoglossum officinale L. -- BEAVER: Beaver [Andriessen (81974-81976)]. LAWRENCE: Ellwood City [Baker (81971)]; also New Castle; Pulaski. SOMERSET: 4 mi S of Shanksville [Henry (81901)].

Cynoglossum virginianum L. -- ARMSTRONG: no further locality [Knipe (81999)]. FOREST: East Hickory [Henry & Baker (81991)]. WAYNE: Honesdale [Jennings (82036)].

Echium vulgare L. -- CAMBRIA: Barnesboro [*Kline* (82054)]. ELK: Ridgway [*Grisez* 662]. ERIE: Erie [*Anderson* (265012)]; also Presque Isle. GREENE: 3 mi NE of Waynesburg [*Henry & Beer* (82069)]. MERCER: Swamp Root [*Henry* (82056)]; also Jackson Center. POTTER: Sweden Valley [*Henry* (82042)].

Hackelia virginiana (L.) I.M. Johnst. -- CAMERON: 3 mi S of Emporium [*Henry & Buker* (82140)]. CLINTON: Keating [*Buker* (82145)]. FAYETTE: Ohiopyle [*Bright* (82156)]. FULTON: Ft. Littleton [*Henry & Buker* (82139)]; also Warfordsburg. INDIANA: Willet [*Henry & Beer* (82150)]. JEFFERSON: Hamilton [*Henry & Beer* (82107)]. POTTER: Coudersport [*Barrie 16564*]. WARREN: North Warren [*Moldenke 15566*]; also Tidioute.

Heliotropium europaeum L. -- FAYETTE: Grindstone [*Cusick 12647*].

Lappula echinata Gilib. -- FAYETTE: Ohiopyle [*Bright* (82230)].

Lithospermum arvense L. -- BEAVER: no further locality [*Andriessen* (82206)].

***Lithospermum latifolium** Michx. -- WASHINGTON: 5 mi SE of Burnsville [*Buker* (82249)]; also 3 mi SW of Burnsville.

Mertensia virginica (L.) Pers. ex Link -- INDIANA: 3 mi NE of Shelocta [*Henry & Beer* (82288)]. NORTHAMPTON/LEHIGH: Bethlehem [*Wolle* (82379)]. NORTHUMBERLAND: 3 mi SE of Montandon [*Manning* (82278)].

Myosotis arvensis (L.) Hill -- ALLEGHENY: Pittsburgh [*Buker* (82480)]; also Harmarville. CHESTER: no further locality [*no collector* (157921)]. ERIE: Presque Isle [*Jennings* (82481)]. WARREN: North Warren [*Moldenke 16453*].

Myosotis scorpioides L. -- WASHINGTON: Beaver Run Reservoir [*Polechko* (304432)].

Symphylum officinale L. -- TIOGA: Wellsboro [*Farnsworth* (9807)]. WESTMORELAND: New Florence [*Jennings* (82546)].

VERBENACEAE

Verbena bracteata Lag. & Rodr. -- ERIE: Presque Isle [*Grisez* 834].

LAMIACEAE

Agastache nepetoides (L.) Kuntze -- FAYETTE: Fayette [*Burig* (82875)]. GREENE: Nineveh [*Buker* (82871)].

Ajuga reptans L. -- ALLEGHENY: Crafton [*Krouse* (82916)]. CENTRE: 3 mi E of Phillipsburg [*Buker* (82913)]. MONROE: East Stroudsburg [*Knepp* (82918)]. WARREN:

Irvine [*Grisez* 488]. WESTMORELAND: 3.5 mi S of Rector [*Mulvihill* (unmounted)].

Blephilia ciliata (L.) Raf. -- BEAVER: 4 mi W of Clinton [*Henry* (82978)]; also Duff City; Pattons Point. FRANKLIN: Mercersburg [*Wolle* (82993)]. NORTHAMPTON/LEHIGH: Bethlehem [*Wolle* (82994)].

Blephilia hirsuta (Pursh) Benth. -- BUTLER: Temperanceville [*Koenig* (83078)]. HUNTINGDON: 2.5 mi NW of Saltillo [*Pearth* (83002)]. WARREN: Tidioute [*Grisez* 599]. WASHINGTON: West Finley [*Thompson, et al. 1930*]; also Bavington; 5 mi SE of Burnsville. WAYNE: Honesdale [*Jennings & Gress* (83026)].

Collinsonia canadensis L. -- CAMBRIA: Ashville [*Henry* (83040)]. MERCER: Mercer [*Henry & Buker* (83114)]; also Centertown; 5 mi SW of Sandy Lake.

Galeopsis tetrahit L. -- ARMSTRONG: Parkers Landing [*Bright* (83242)]. CAMERON: Cameron [*Buker* (83237)]; also 3 mi N of Emporium. CRAWFORD: Spartansburg [*Buker* (83255)]. GREENE: Austin [*Buker* (83233)].

Glechoma hederacea L. -- CRAWFORD: Pymatuning [*Van Dersal* (83301)]; also Meadville.

Hedeoma pulegioides (L.) Pers. -- LAWRENCE: New Castle [*Robinson* (83476)]; also 4 mi N of Harlansburg; New Wilmington. McKEAN: 3.3 mi N of Crosby [*Buker* (83461)]. POTTER: 5 mi N of Cross Fork [*Buker* (83460)]. VENANGO: Freedom [*Buker* (83530)].

Lamium amplexicaule L. -- WARREN: Warren [*Moldenke 14471*].

Lamium maculatum L. -- ALLEGHENY: Castle Shannon [*Smith* (83656)]. BEAVER: no further locality [*Koch* (83654)]. CARBON: Leighton [*Ortman* (83660)]. GREENE: Enlow Creek [*Henry* (83657)].

Lamium purpureum L. -- CLINTON: Keating [*Buker* (83662)]. MERCER: Drake [*Henry* (83670)]; also 4 mi SE of Mercer. WARREN: Irvine [*Grisez* 723].

Leonurus cardiaca L. -- CLINTON: North Bend [*Buker* (202029)]. MERCER: Leesburg [*Buker* (83726)]; also Drake.

Lycopus uniflorus Michx. -- VENANGO: 5 mi SE of Oil City [*Henry* (84033)]; also 2-3 mi S of Diamond.

Lycopus virginicus L. -- CAMBRIA: 5.3 mi NW of Loretto [*Henry & Buker* (83959)]. ERIE: Elk Creek [*Henry & Buker* (83967)]; also Presque Isle. LAWRENCE: Harlansburg [*Buker* (84016)]; also 2 mi SE of Leesburg; 7 mi W of New Castle. McKEAN: Kane [*Jennings & Jennings* (83952)]; also junction of PA 346 and 446. MERCER: 5 mi NW of Fairview [*Henry & Buker* (83969)]; also 5 mi SW of Sandy Lake. POTTER: Sizerville [*Buker* (83938)]; also 8 mi E of Coudersport. WASHINGTON: Murdockville [*Buker* (84023)].

Marrubium vulgare L. -- BEAVER: Freedom [*Shafer* (84140)].

Melissa officinalis L. -- WASHINGTON: Bulger [Searton (84112)].

Mentha canadensis L. [*M. arvensis* L.] -- CAMBRIA: 5 mi NE of Patton [Kline (84203)]. CAMERON: Driftwood [Jennings & Jennings (84239)]. CRAWFORD: 6 mi S of Meadville [Baker (84303)]; also Conneaut Lake; Hartstown. FULTON: Ft. Littleton [Baker (84276)]; also Big Tonoloway Creek. GREENE: Jefferson [Henry & Baker (84270)]. JEFFERSON: Hamilton [Henry & Beer (84199)]. WASHINGTON: Bavington [Baker (84217)]; also Murdocksville.

Mentha gentilis L. -- ALLEGHENY: Pittsburgh [Bright (84151)]; also Glassport.

Mentha piperita L. -- CAMBRIA: Nicktown [Kline (84405)]. CAMERON: Driftwood [Jennings & Jennings (84339)]. ELK: Rasselas [Baker (84333)]. MERCER: Mercer [Jennings (84359)]. VENANGO: 5 mi SE of Oil City [Henry (84344)]. WARREN: North Warren [Moldenke 16598]. WASHINGTON: Bavington [Baker (84419)].

Mentha spicata L. -- CAMBRIA: Nicktown [Kline (84392)]. LAWRENCE: Bessemer [Henry & Beer (84385)]. MERCER: 4 mi NE of Clarksville [Henry & Baker (84441)]; also Osgood. WARREN: North Warren [Moldenke 16606].

Mentha villosa Huds. [*M. alopecuroides* Hull] -- ARMSTRONG: Ford City [Baker (84165)].

Monarda clinopodia L. -- CAMERON: Sterling Run [Baker & Henry (84467)]. ELK: Caledonia [Baker (84470)]; also Medix Run. LAWRENCE: Plain Grove [Baker (84561)]; also Harlansburg; New Castle. POTTER: Sweden Valley [Baker (84469)].

Monarda didyma L. -- HUNTINGDON: Pogue [Pearth (84691)]. WARREN: Sugargrove [Baker (84721)]; also Irvine; North Warren; 7 mi NE of Titusville.

Monarda fistulosa L. -- CRAWFORD: Little Cooley [Leberman (84837)]. ERIE: North East [Jennings (84816)]; also Presque Isle. FOREST: 4 mi SW of Tionesta [Baker (84805)]; also Trunkeyville. GREENE: Garrison [Henry & Beer (84829)]; also 3.5 mi SW of Deep Valley. LAWRENCE: Slippery Rock Creek [Baker (84806)]; also Elliot Mills. LYCOMING: 3 mi S of Waterville [Fox (83834)]. McKEAN: PA 446 at PA 155 [Baker (84804)]. MERCER: 5 mi NW of Mercer [Baker (84817)]; also Houston Junction. WARREN: 3 mi W of Lottsville [Grisez 683].

Monarda media Willd. -- CLARION: Cook Forest [Jennings (84644)]. GREENE: Deep Valley [Jennings (84685)]. HUNTINGDON: Huntingdon [Jennings (84683)]. VENANGO: Sandy Creek [Henry (84589)].

Nepeta cataria L. -- CAMBRIA: Nicktown [Kline (84887)]. CAMERON: Sinnemahoning [Baker (84866)]. GREENE: 3 mi NW of Ruffcreek [Henry & Baker (84992)]; also Graysville; 5 mi W of Waynesburg. SOMERSET: 4 mi N of Stoystown [Ross (9572)]. VENANGO: 2.5 mi N of Springville [Henry (84964)].

Origanum vulgare L. -- FAYETTE: Scullion [Lewis (84951)].

Perilla frutescens (L.) Britt. -- ELK: Ridgway [Mulaik (84956)].

Physostegia virginiana (L.) Benth. -- BEAVER: Ohio River [Mansfield (158043)]. CAMBRIA: Garman [Kline (158045)]. MERCER: Osgood [Henry & Baker (158050)].

Prunella vulgaris L. -- WASHINGTON: West Finley [Thompson, et al. 2500]; also Taylorstown.

Pycnanthemum tenuifolium Schrad. -- ERIE: Lake Erie at Crooked Creek [Henry & Baker (85222)]. McKEAN: E side of Kinzua Lake [Baker (85118)]. PERRY: Losh Run [Jennings & Gress (85244)]. WARREN: Warren [Grisez 509].

**Pycnanthemum torrei* Benth. -- NORTHAMPTON: Easton [Porter (85257)].

Pycnanthemum verticillatum (Michx.) Pers. -- ELK: Medix Run [Jennings & McClelland (85310)]. FULTON: Saluvia [Henry & Baker (85265)]. INDIANA: 4 mi E of Pine Flats [Henry & Baker (85311)]. JEFFERSON: Heathsville [Henry (85263)]; also 3.5 mi S of Ohl. SUSQUEHANNA: Montrose [Frost (85331)]. WESTMORELAND: Jack's Island [Shafer & Thorpe (85314)].

Pycnanthemum virginianum (L.) Durand & Jackson ex B.L. Robins. & Fern. -- BEAVER: New Galilee [Jennings (85355)]. CLINTON: 3.3 mi W of Westport [Baker & Henry (85334)]. ERIE: Presque Isle [Jennings & Jennings (85342)].

Salvia lyrata L. -- WESTMORELAND: Youngwood [Paxton (25991)].

Satureja hortensis L. -- ELK: Montmorenci [Patterson (85413)].

Scutellaria galericulata L. [*S. epilobiifolia* A. Hamilt.] -- WARREN: Clymer [Clawson (85537)].

Scutellaria incana Biehl. -- JEFFERSON: Timblin [Henry & Beer (85693)]. WASHINGTON: Florence [Baker (85722)].

Scutellaria nervosa Pursh -- GREENE: Garards Fort [Baker (85916)]. WASHINGTON: Murdocksville [Henry (85939)]; also 8 mi W of Washington.

**Scutellaria saxatilis* Riddell -- GREENE: Jefferson [Henry & Baker (85898)]. SOMERSET: 3-4 mi N of Confluence [Henry (85876)]. VENANGO: Lisbon [Baker (85875)].

**Stachys nuttallii* Shuttlw. ex Benth. [Species not listed in Wherry, et al. (1979).] -- WASHINGTON: West Finley [Baker (85962)].

Stachys tenuifolia Willd. -- CLARION: Sarah Furnace [Baker (85981)].

Teucrium canadense L. -- McKEAN: Marshburg [Baker (21281)].

Trichostema dichotomum L. -- CAMBRIA: Nicktown [Kline (86163)]. CRAWFORD: Conneaut Lake [Shafer (86153)]. ELK: Ridgway [Baker (86152)]; also Carman.

SOLANACEAE

Datura stramonium L. -- BEAVER: Big Sewickley Creek [Graham (86188)]; also Independence. FAYETTE: Fayette [Burig (86186)]. MIFFLIN: Lewistown [Bright (86199)].

Lycium chinense P. Mill. [including *L. halimifolium* P. Mill.] -- ALLEGHENY: McKees Rocks [Baker (86219)]; also Overlook Point; Pittsburgh. FAYETTE: Perryopolis [Henry & Baker (86223)].

Nicandra physalodes (L.) Gaertn. -- FULTON: Big Tonoloway Creek [Bright (86211)].

Physalis heterophylla Nees -- CAMBRIA: Nicktown [Kline (86290)]. LAWRENCE: New Castle [Robinson (86310)]; also Chewton to Rock Point. WARREN: Akeley [Grisez 532]. WASHINGTON: Bavington [Baker (86284)]; also McDonald Reservoir.

Physalis subglabrata Mackenzie & Bush -- CAMBRIA: Nicktown [Kline (86346)]. FAYETTE: Layton [Baker (86347)]; Dawson [Utech 81-223]. JEFFERSON: Heathville [Henry (86338)]. LAWRENCE: Rock Point Park [Baker (86336)].

**Physalis virginiana* P. Mill. -- DELAWARE: Medford [Smith (86375)].

Solanum carolinense L. -- CAMBRIA: Johnstown [Jennings (86420)]. CRAWFORD: 4 mi NE of Cochranon [Henry & Baker (86427)]; also 3 mi NW of Blooming Valley; Cambridge Springs. GREENE: 3.6 km SSW of West Finley [Thompson & Nishida 2508]; also 2.5 mi N of Oak Forest; Ryerson. LAWRENCE: New Wilmington [Henlen (86395)]; also New Castle; Volant. POTTER: Coudersport [Farnsworth (10489)]. WARREN: North Warren [Moldenke 15565]; also 7.5 mi NE of Tidioute.

Solanum dulcamara L. -- CAMERON: 3 mi E of Emporium [Henry & Baker (86496)]. FAYETTE: Ohiopyle [Shafer & Kinzer (86507)]. INDIANA: 2.5 mi N of Armagh [Henry & Beer (86502)]. LAWRENCE: New Castle [Robinson (86515)]; also 10 mi SE of Mercer. UNION: Lewisburg [Manning (86498)]. WASHINGTON: Washington [Wilson 105].

Solanum nigrum L. -- LAWRENCE: Ellwood City [Baker (86534)].

SCROPHULARIACEAE

Agalinis tenuifolia (Vahl) Raf. -- BRADFORD: Wyalusing [Jennings (87138)]. TIOGA: Gaines [Jennings (87137)].

Antirrhinum majus L. -- ALLEGHENY: Pittsburgh [Baker (86568)].

Aureolaria flava (L.) Farw. -- ARMSTRONG: no further locality [Knipe (86582)]. FAYETTE: 5 mi SE of Farmington [Jennings (86590)]; also 3.5 mi E of Dunbar; 4-5 mi SE of Haydentown. JEFFERSON: Elbel Junction [Henry & Roslund (86581)].

Aureolaria laevigata (Raf.) Raf. -- ELK: Gillen [Jennings (86647)]. JEFFERSON: 4 mi NE of Sigel [Henry (86649)].

Aureolaria pedicularia (L.) Raf. -- ELK: Ridgway [Jennings (86676)].

Aureolaria virginica (L.) Pennell -- CLINTON: 6 mi N of Westport [Henry & Baker (86760)]; also Pottersdale to Renovo. CRAWFORD: 2.5 mi SE of Meadville [Leberman (86710)]. ELK: Medix Run [Baker (86708)]. FULTON: Needmore [Baker (86707)]; also Big Tonoloway Creek. INDIANA: Willct [Henry & Beer (86763)]; also Creekside. MERCER: Stoneboro [Henry & Baker (86751)]. SOMERSET: Stoystown [Patterson (86713)]. VENANGO: SW of Tionesta [Krouse (86762)].

Castilleja coccinea (L.) Spreng. -- ALLEGHENY: Thorn Hill [Shafer (86804)]. ERIE: Presque Isle [Guttenberg (86806)].

Chaenorhinum minus (L.) Lange -- BUTLER: Portersville Station [Henry (86770)]. CAMERON: Emporium [Baker (86774)]; also Truman. CLINTON: Keating [Ahles 74367]. McKEAN: 2.5 mi W of Smithport [Baker (86775)]. SOMERSET: Somerset [Cusick 26728].

**Collinsia verna* Nutt. -- BEAVER: Beaver Creek [Hutchman (87046)]. FAYETTE: Masontown [Henry & Beer (87037)].

Gratiola neglecta Torr. -- GREENE: Garards Fort [Henry & Baker (87232)]; also 3 mi SW of Deep Valley.

Linaria canadensis (L.) Dumont -- ALLEGHENY: Leetsdale [Baker (87280)]. CRAWFORD: 3-4 mi N of Hartstown [Baker (87278)]. LAWRENCE: Ellwood City [Baker (87279)]. MERCER: between Transfer and Greensville [Homer (87277)].

Linaria vulgaris Hill -- GREENE: 5 mi N of Point Marion [Baker (87284)]. LAWRENCE: New Wilmington [Henlen (87270)].

Lindernia dubia (L.) Pennell [including *L. anagallidea* (Michx.) Pennell] -- CAMBRIA: Johnstown [Patterson (87383)]. FRANKLIN: Mercersburg [Wolle (87344)]. LAWRENCE: Muddy Creek Falls [Baker (87351)]; also Harlansburg; Slippery Rock Creek. NORTHUMBERLAND: East Lewisburg [Manning (158062)]; also Montour Mountains. WASHINGTON: Mingo Creek [Baker (87352)].

Melampyrum lineare Desr. -- CLARION: Marble [Baker (92759)]. FOREST: Tionesta [Krouse (92783)].

Minulus ringens L. -- MERCER: Grove City [Henry (92946)].

Pedicularis canadensis L. -- CAMERON: 5 mi W of Emporium [Baker (93073)]. MIFFLIN: 2.5 mi WNW of Belleville [Henry (93120)]. WASHINGTON: Murdocksville [Baker (93146)].

Pedicularis lanceolata Michx. -- ALLEGHENY: Wildwood [Patterson (93158)].

Penstemon canescens (Britt.) Britt. -- BERKS: Fleetwood [Berkheimer 2545].

Penstemon digitalis Nutt. ex Sims -- CAMBRIA: Nicktown [Kline (93227)]. CAMERON: Cameron [Baker (93229)]. CLINTON: Pottersdale to Renovo [Jennings (93238)]. McKEAN: 3.2 mi W of Ceres [Baker (93252)].

Penstemon hirsutus (L.) Willd. -- FULTON: Dickeys Mountain [Henry & Baker (93326)]. SUSQUEHANNA: Montrose [Frost (93343)].

Penstemon laevigatus (L.) Ait. -- GREENE: 3 mi SE of Ryerson [Henry & Baker (93377)]. MERCER: Salem [Baker (93382)].

Scrophularia lanceolata Pursh -- FULTON: Big Tonoloway Creek [Henry & Baker (93410)]. WASHINGTON: 3 mi S of West Finley [Baker (93456)]; also 6 mi E of Florence.

Scrophularia marilandica L. -- CRAWFORD: Saegerstown [Baker (93502)]. FOREST: Tionesta [Baker (93507)]; also Clarington; West Hickory. FULTON: Harrisonville [Baker (2130)]; also Ft. Littleton. LAWRENCE: 2.5 mi W of Eastbrook [Henry & Beer (93521)].

Scrophularia nodosa L. [Species not listed in Wherry, et al. (1979)] -- POTTER: Cross Fork [Boufford & Wood 21149].

Verbascum blattaria L. -- POTTER: Coudersport [Famsworth (9293)].

Verbascum thapsus L. -- GREENE: Sycamore [Henry & Baker (93661)]. SOMERSET: Meyersdale [Thompson, et al. 2455].

Verbascum virgatum Stokes -- ALLEGHENY: Pittsburgh [Baker (93570)].

Veronica americana (Raf.) Schwein. ex Benth. -- WASHINGTON: 3 mi S of West Finley [Baker (93700)].

Veronica anagallis-aquatica L. -- ERIE: Presque Isle [Baker (93870)]; also Corry. WARREN: 8 mi E of Corry [Griseb 677]. WASHINGTON: Washington [Wilson 101].

Veronica arvensis L. -- UNION: West Milton [Manning (93815)].

Veronica chamaedrys L. -- McKEAN: Lafayette [Baker (93802)]; also 4 mi NW of Aiken. TIOGA: Gaines [Wible 547].

Veronica peregrina L. -- LAWRENCE: New Castle [Robinson (94066)]. SOMERSET: 2.25 mi NNE of Thomas Mills [Ross (94060)].

Veronica serpyllifolia L. -- CAMERON: Cameron [Baker (94146)]. LAWRENCE: Pulaski [Henry & Beer (94120)].

Veronicastrum virginicum (L.) Farw. -- CRAWFORD: 3.5 mi ESE of Meadville [Leberman (94213)]. JEFFERSON:

Hamilton [Henry & Beer (94209)].

BIGNONIACEAE

Campsis radicans (L.) Seem. -- VENANGO: Sugar Creek at US 322 [Baker (94270)]. WASHINGTON: California [Baker (94269)].

Catalpa bignonioides Walt. -- ALLEGHENY: Pittsburgh [Thompson 2208]. WASHINGTON: 3.7 km ESE of Majorsville, West Virginia [Thompson & Nishida 2530]; also Washington.

Catalpa speciosa (Warder ex Barney) Engelm. -- ALLEGHENY: Ambridge [Graham (94282)]. BEAVER: Independence and Bocktown [Henrici (94288)].

OROBANCHACEAE

Conopholis americana (L.) Wallr. -- ERIE: Erie [Anderson (265015)]. LAWRENCE: 4 mi N of New Castle [Baker (94332)]; also Wurtemberg. McKEAN: 10 mi NW of Marshburg [Baker (94334)].

Epifagus virginiana (L.) Bart. -- CAMERON: between Emporia and St. Marys [Baker (94395)]. VENANGO: Utica [Henry & Beer (94457)].

Orobanche uniflora L. -- FOREST: Tionesta [Henry & Baker (94505)]. FULTON: 2.5 mi SE of Warfordsburg [Baker & Beer (94507)]. McKEAN: 7.2 mi N of Port Allegany [Baker (94522)]; also Eldred.

LENTIBULARIACEAE

**Utricularia gibba* L. -- SOMERSET: Boswell [Mulvihill (296765)].

Utricularia vulgaris L. -- BEAVER: Little Beaver Creek [Mansfield (94588)]; also 3 mi W of Harmony.

PHRYMACEAE

Phryma leptostachya L. -- LAWRENCE: 2 mi SE of Leesburg [Henry (94743)]; also New Castle.

PLANTAGINACEAE

Plantago major L. -- GREENE: 1.9 km ESE of Majorville, West Virginia [Thompson & Nishida 2050]. HUNTINGDON: 2.5 mi NW of Saltillo [Pearth (94827)]. LAWRENCE: New Castle [Robinson (94830)]. WASHINGTON: Washington [Wilson 202].

Plantago rugelii Dcne. -- WASHINGTON: West Finley [Thompson & Nishida 2501].

Plantago virginica L. -- LAWRENCE: New Castle [Robinson (95036)].

RUBIACEAE

Diodia teres Walt. -- ALLEGHENY: Emsworth [Thomas & Buker 2975].

Galium aparine L. -- LAWRENCE: Pulaski [Henry & Beer (95250)]; also Eastbrook.

Galium boreale L. -- McKEAN: 10 mi NW of Marshburg [Buker (95439)].

Galium circaezans Michx. -- CAMBRIA: no further locality [Patterson (95528)]. CLEARFIELD: 2.2 mi S of Glen Hope [Buker (95535)].

Galium concinnum Torr. & Gray -- ARMSTRONG: no further locality [Knipe (95468)]. CRAWFORD: 2.5 mi N of Rockdale Center [Henry & Buker (95483)]. GREENE: 3 mi SW of Deep Valley [Buker (95485)].

Galium lanceolatum Torr. -- ARMSTRONG: no further locality [Knipe (95666)]. CLARION: 4 mi SW of Fisher [Henry (95679)]. POTTER: 6 mi NE of Costello [Henry (95714)].

Galium mollugo L. -- ERIE: Union City [Buker (95615)]. FAYETTE: Ohiopyle [Jennings (95616)]. VENANGO: 5 mi SE of Oil City [Henry (95623)]. WARREN: 3 mi E of Tidioute [Grisez 679]. WASHINGTON: 3.5 km ESE of Majorville, West Virginia [Thompson 2437].

Galium obtusum Bigel. -- BEAVER: Raccoon Creek at US 30 [Henrici (95627)]. CAMBRIA: 5 mi NE of Patton [Kline (95637)]. ERIE: Presque Isle [Buker (95649)]; also Waterford; S of New York border on PA 426.

Galium palustre L. -- CAMBRIA: 3 mi S of Nicktown [Kline (95734)]. CENTRE: Scotia [Henry (95735)]. LAWRENCE: 4 mi E of New Castle [Boardman (95749)].

Galium pilosum Ait. -- CLEARFIELD: DuBois Woods to Saluvia [McClelland (95775)]. CLINTON: 6 mi N of Westport [Henry & Buker (96776)].

Galium tinctorium L. -- JUNIATA: Richfield-Denholm [Jennings (95861)]. WASHINGTON: Avella [Buker (95898)].

Galium trifidum L. -- WARREN: Akeley [Grisez 320].

Galium verum L. -- ALLEGHENY: Monroeville [Phelps (96086)]; also Pittsburgh. GREENE: Waynesburg [Dickey (96090)]. JEFFERSON: between Smith and Baxter [Buker (25946)].

Hedyotis caerulea (L.) Hook. -- CAMERON: 3 mi NW of Driftwood [Buker (96166)].

Mitchella repens L. -- WASHINGTON: Hanlin Station [Buker (96535)].

CAPRIFOLIACEAE

Diervilla lonicera P. Mill. -- GREENE: Waynesburg [Dickey (96591)].

**Linnaea borealis* L. var. *americana* (Forbes) Rehd. -- BRADFORD: between Towanda and Luthers Mills [Buker (96679)].

Lonicera canadensis Bartr. -- MERCER: Perrine Corners [Henry, et al. (96750)].

Lonicera dioica L. -- CAMBRIA: 5 mi NE of Patton [Kline (96771)]; also 5 mi NE of Nicktown. JEFFERSON: Roseville [Henry & Beer (96824)]; also 5 mi SE of Sigel.

Lonicera japonica Thunb. -- BEAVER: Raccoon Creek and US 30 [Jennings (96871)]; also Shippingport. ERIE: Presque Isle [Grisez 816].

Lonicera morrowii Gray -- CRAWFORD: Pymatuning State Park [Bissell 1985:46]. WARREN: Tidioute [Grisez 596].

**Lonicera oblongifolia* (Goldie) Hook. -- VENANGO: Utica [Henry (96908)].

Lonicera sempervirens L. -- CAMERON: 5 mi S of Emporium [Farnsworth (10530)].

Lonicera tatarica L. -- BEAVER: Independence Township [Henrici (96921)]. CRAWFORD: Linesville [Mossman (293846)]. HUNTINGDON: Colerain State Park [Buker (96927)]. JEFFERSON: Big Run [Henry (96928)]. LAWRENCE: Slippery Rock Creek [Buker (96939)]. SOMERSET: between Confluence and Harnedsville [Buker (96930)]. WASHINGTON: 2-3 mi N of Burgettstown [Henry & Buker (96932)].

Lonicera xylostemum L. -- LEHIGH: Allentown [Wolle (96856)].

Sambucus racemosa L. var. *pubens* (Michx.) Koehne [S. *pubens* Michx.] -- LAWRENCE: Slippery Rock Creek [Buker (97156)]; also Eastbrook; Ellwood City; New Castle.

Symphoricarpos albus (L.) Blake -- CAMBRIA: 3.2 mi NW of Glasgow [Baker (97187)]; also Nicktown. CLARION: US 322 and PA 66 [Baker (97188)]. ERIE: Union City [Baker (97189)]. FAYETTE: Ohio pyle [Baker (97206)]. VENANGO: Cooperstown [Baker (97211)].

Symphoricarpos orbiculatus Moench -- BEAVER: Enon Valley [Henry (97214)]. ERIE: Boggs Run [Guttenberg 972].

Triosteum aurantiacum Bickn. -- CLEARFIELD: Faunce [Henry (97245)]. JEFFERSON: Rathmel [Baker (97250)]. McKEAN: 7.2 mi N of Port Allegany [Baker (97254)]; also Coryville.

Triosteum perfoliatum L. -- CAMBRIA: 4 mi NE of Nicktown [Kline (97326)]. GREENE: Jefferson [Henry (97334)]. WASHINGTON: Washington [Fulton (97336)].

Viburnum lentago L. -- BEAVER: Sewickley Creek [Graham & Graham (97802)]. INDIANA: Marchand [Baker (97855)]. WASHINGTON: Chambers Dam [Mellor (97887)].

Viburnum opulus L. -- CRAWFORD: Harmonsburg [Mossman (293847)]. FULTON: Big Cove Tannery [Baker (97895)].

Viburnum rafinesquianum Schultes -- FOREST: Tionesta [Henry & Baker (98121)]. SOMERSET: Stoystown [Patterson (98126)].

Viburnum recognitum Fern. -- BEAVER: Shippingport [Ohlsson 3892].

Viburnum trilobum Marsh. -- BLAIR: Royes to Frankstown [Baker (98128)]. BUTLER: Zelenople [Lochner (98129)]. McKEAN: Eldred [Grisez 613]. POTTER: Coudersport [Jolley (265051)].

VALERIANACEAE

Valeriana officinalis L. -- JEFFERSON: Munderf [Henry & Baker (98275)].

Valerianella chenopodifolia (Pursh) DC. -- MERCER: Carlton [Henry (98196)]. MIFFLIN: Newton Hamilton [Henry (98198)].

Valerianella locusta (L.) Betcke [*V. olitoria* (L.) Pollard] -- WESTMORELAND: Ligonier [Utech 80-100].

DIPSACACEAE

Dipsacus fullonum L. [including *D. sylvestris* Huds.] -- CAMBRIA: between Spangles and Barnesboro [Kline (98337)]. MERCER: Drake [Henry (98352)]. UNION: Lewisburg [Manning (98353)].

Knautia arvensis (L.) Duby -- McKEAN: 5 mi N of PA 59 on PA 321 [Baker (98364)].

CUCURBITACEAE

Cucurbita pepo L. -- BEAVER: Freedom [Shafer (98443)]. WESTMORELAND: Rector [Graham (152536)].

Echinocystis lobata (Michx.) Torr. & Gray -- CRAWFORD: 2.5 mi SE of Conneaut Lake [Leberman (98402)].

Sicyos angulatus L. -- CAMERON: Sterling Run [Baker (98469)]; also Sinnemahoning. FULTON: Harrisonville [Baker (98476)]; also Dickeys Mountain.

CAMPANULACEAE

Lobelia cardinalis L. -- CLEARFIELD: between Madera and Glen Hope [Baker (98733)].

**Lobelia dortmanna* L. -- MONROE: Twelve-Mile Pond [Knipe (99028)].

Lobelia spicata Lam. -- CLINTON: 2-3 mi S of State Camp [Henry & Baker (99431)]. INDIANA: Creekside [Henry & Beer (99439)]. JEFFERSON: Timblin [Henry & Beer (99440)].

ASTERACEAE

Ambrosia trifida L. -- CAMBRIA: Emeigh [Kline (87712)].

Antennaria neglecta Greene -- ARMSTRONG: 3 mi S of Worthington [Henry (107131)]. CRAWFORD: Conneaut Township [Cusick 23365]. ELK: Ridgway [Rood 574]. LAWRENCE: New Castle [Robinson (107115)]. MERCER: West Salem Township [Cusick 23377]. WESTMORELAND: Ligonier [Utech 80-103].

Antennaria neodioica Greene -- CAMERON: 3 mi NW of Driftwood [Baker (107269)]; also 5 mi W of Emporium. LAWRENCE: Volant [Beer (284553)].

Antennaria parlinii Fern. [all infraspecific taxa except subsp. *fallax*] -- CRAWFORD: Saegertown [Baker (107333)]; also Meadville. FOREST: Allegheny River at US 62 [Baker (284544)]; also 2-3 mi SE of West Hickory. HUNTINGDON: 2.5 mi NW of Saltillo [Pearth (107303)]. MERCER: 4 mi SW of Mercer [Henry & Beer (107299)]. SCHUYLKILL: Brandonville [Wagner 3329]. UNION: 3 mi W of Lewisburg [Manning (107292)].

Antennaria parlinii Fern. subsp. *fallax* (Greene) Bayer & Stebbins [*A. fallax* Greene] -- FULTON: Sideling [Baker (107442)]. HUNTINGDON: Birmingham [Jennings (107440)]. JEFFERSON: 2.5 mi SW of Richardsville [Henry & Beer (107438)]. McKEAN: Derrick City [Baker (107432)]. POTTER: 4 mi N of Cameron County line on PA 155 [Baker (107424)]. SOMERSET: Stoystown [Patterson (107422)]. VENANGO: 4.3 mi SW of Pleasantville [Henry (107421)]. WARREN: Columbus [Baker (107420)]; also Irvine; Sulphur Spring. WASHINGTON: Washington [Wilson (107417)].

Antennaria plantaginifolia (L.) Richards -- CAMERON: Sterling Run [*Henry & Buker* (107322)]. ELK: Caledonia [*Buker* (107311)].

Anthemis cotula L. -- CAMBRIA: Patton [*Kline* (87886)]; also Nicktown. FULTON: Warfordsburg [*Henry & Buker* (87875)]; also Big Tonoloway Creek. GREENE: Enlow Fork of Wheeling Creek [*Buker* (87874)].

Arctium lappa L. -- ALLEGHENY: Pittsburgh [*Boufford* 21196]. CRAWFORD: Saegertown [*Buker* (87977)].

Arctium tomentosum P. Mill. -- CAMERON: Truman [*Henry & Buker* (88023)]. CLINTON: 3.3 mi W of Westport [*Buker & Henry* (88022)]. FULTON: Harrisonville [*Buker* (88021)].

Artemisia ludoviciana Nutt. -- ALLEGHENY: Pittsburgh [*Buker* (88081)].

Artemisia vulgaris L. -- CRAWFORD: Sugar Lake [*Buker* (88066)]. ELK: Croyland [*Grisez* 650]. ERIE: Presque Isle [*Grisez* 1030]. FOREST: 2.5 mi SW of West Hickory [*Grisez* 643]. SOMERSET: 2.25 mi NNE of Thomas Mills [*Ross* (9570)].

Aster acuminatus Michx. -- CLARION: Cook Forest [*Jennings* (88107)].

Aster cordifolius L. -- CLARION: Fisher [*Henry & Buker* (79907)]. CLEARFIELD: 7 mi S of Mahaffey [*Henry* (79902)]; also Penfield. CRAWFORD: Saegertown [*Buker* (79895)]; also 3 mi SE of Meadville. FOREST: 3.5 mi SE of Tionesta [*Buker* (79702)].

Aster cordifolius L. subsp. **sagittifolius** (Wedem. ex Willd.) A.G. Jones [*A. sagittifolius* Wedem. ex Willd.] -- CLINTON: Shintown [*Roslund* (79720)]. FAYETTE: Connellsville [*Buker* (79705)]; also Indian Head; Ohipyle. SOMERSET: Keystone [*Jennings* (79672)]; also Reels Corners. WASHINGTON: Bavington [*Buker* (79652)]; also 3 mi S of Burnsville; 3.5 mi S of Claysville; Houston; Taylorstown.

Aster drummondii Lindl. [Species not listed in Wherry, et al. (1979)] -- WASHINGTON: 3.5 mi ENE of Florence [*Rose* (79794)].

***Aster dumosus** L. -- BUTLER: West Liberty [*Jennings* (88343)]. ERIE: Presque Isle [*Jennings* (88341)].

***Aster ericoides** L. -- CHESTER: no further locality [*Dacker* (309796)]. ERIE: Presque Isle [*Grisez* 1012].

Aster infirmus Michx. -- CAMERON: Cameron [*Buker* (88375)].

Aster laevis L. -- COLUMBIA: Berwick [*Bright* 11106].

Aster lateriflorus (L.) Britt. -- CAMERON: Emporium [*Buker* (88477)]. ELK: Medix Run [*Buker* (88463)]. POTTER: 3 mi S of Galeton [*Buker* (88539)].

Aster novae-angliae L. -- CAMBRIA: Johnstown [*Patterson* (87931)]. JEFFERSON: 3 mi SW of PA 949 and PA 968 [*Henry & Buker* (88857)]. McKEAN: Lafayette [*Buker*

(88853)]; also Kane; Sugar Run. MERCER: Salem [*Buker* (88900)]. VENANGO: 5 mi E of Rockland [*Buker* (88894)].

Aster oblongifolius Nutt. -- MIFFLIN: Juniata Crossing [*Bright* (88901)].

Aster patens Ait. -- CAMBRIA: Nicktown [*Henry & Buker* (88928)]. POTTER: Sizerville to Austin [*Buker* (88972)]; also 4 mi N of Cameron County line on PA 155; 5 mi N of Cross Fork. WASHINGTON: Murdocksville [*Buker* (88966)].

Aster pilosus Willd. -- CRAWFORD: 6 mi S of Meadville [*Buker* (89201)]; also Saegertown; Sugar Lake. WARREN: Pine Valley [*Bright* (89117)].

Aster praealtus Poir. [Species not listed in Wherry, et al. (1979), but listed for Bedford County in Henry (1978). This species is often confused with *A. simplex*.] -- ARMSTRONG: 6 mi S of New Bethlehem [*Henry & Beer* (89262)]. BEAVER: Ohioville [*Henry* (89263)]. CAMBRIA: 5 mi NE of Patton [*Henry & Buker* (89265)]; also 3 mi S of Nicktown. CAMERON: Sinnemahoning to Piper road [*Buker* (89268)]. CHESTER: Malvern [*Henry* (89269)]. CLEARFIELD: Mill Run [*Buker* (89270)]; also Penfield. ELK: Weedville [*Buker* (89272)]. FAYETTE: Layton [*Henry & Buker* (89273)]. HUNTINGDON: 4-5 mi SE of Tyrone [*Henry & Buker* (89274)]. JEFFERSON: Cloe [*Henry* (89275)]. NORTHAMPTON: Easton [*Porter* (89276)]. SOMERSET: 2-3 mi SE of Salisbury [*Henry & Buker* (89278)]; also Deal. WASHINGTON: 6 mi E of Florence [*Buker* (89281)]; also Buffalo Creek at PA 331.

Aster simplex Willd. -- CLINTON: 5 mi N of Renovo [*Buker* (90435)].

Aster umbellatus Mill. -- FULTON: Moline [*Henry & Buker* (99679)].

Aster undulatus L. -- FOREST: Clarrington [*Buker* (80232)]; also 5 mi S of Neiltown. INDIANA: McIntyre [*Mason* (80219)]. McKEAN: 3.2 mi W of Ceres [*Buker* (80216)]. SOMERSET: Addison [*Cusick* 27125].

Bellis perennis L. -- JEFFERSON: Clear Creek Recreation Park [*Buker* (9914)]. McKEAN: Bradford [*Grisez* 631].

Bidens aristosa (Michx.) Britt. var. **retrorsa** (Sherff.) Wunderlin [*B. polylepis* Blake] -- WASHINGTON: McDonald [*Farnsworth* (100073)].

Bidens bipinnata L. -- SNYDER: Northumberland [*Manning* (99810)].

Bidens tripartita L. [*B. comosa* (Gray) Wieg.] -- ERIE: North East [*Henry & Buker* (99948)]. LAWRENCE: Neshannock Falls [*Henry & Beer* (99958)]; also 2 mi SE of Leesburg.

Bidens connata Muhl. -- ARMSTRONG: Wattersonville [*Henry* (100126)].

Bidens frondosa L. -- CRAWFORD: Sugar Lake [*Buker* (100058)].

- Cacalia atriplicifolia* L. -- CAMBRIA: between Barnesboro and Hastings [Kline (100217)]. WASHINGTON: Florence [Baker (100251)].
- Cacalia suaveolens* L. -- ARMSTRONG: Parker [Baker (21279)].
- Centaurea jacea* L. -- VENANGO: Mariasville [Baker (100332)].
- Centaurea maculosa* Lam. -- CAMBRIA: Carrolltown [Kline (100348)]. FAYETTE: Melcroft [Utech 81-428]. JEFFERSON: Timblin [Henry & Beer (100359)].
- Centaurea nigra* L. -- CAMBRIA: Nicktown [Kline (100376)]. LAWRENCE: Princeton [Krouse (100378)]. TIOGA: Marshlands [Wible (100388)]. WARREN: Sulphur Springs [Jennings & Jennings (100389)].
- Chondrilla juncea* L. -- FAYETTE: Farmington [Cusick 27120].
- Chrysanthemum balsamita* L. -- SUSQUEHANNA: no further locality [Graves (100407)].
- Chrysanthemum parthenium* (L.) Bernh. -- ERIE: Presque Isle [Grisez 821].
- Cichorium intybus* L. -- CAMBRIA: Nicktown [Kline (100571)]. CAMERON: Emporium [Baker (100572)]. FOREST: 6 mi S of Tionesta [Baker (100530)]. JEFFERSON: between Ringgold and Grange [Baker (100537)].
- Cirsium altissimum* (L.) Spreng. -- WASHINGTON: 3 mi S of West Finley [Baker (100628)].
- Cirsium arvense* (L.) Scop. -- CLINTON: North Bend [Baker (100670)]. FULTON: Ft. Littleton [Baker (100685)].
- **Cirsium horridulum* Michx. -- YORK: Dillsburg [Gress (100745)].
- Cirsium pumilum* (Nutt.) Spreng. -- McKEAN: 3 mi NE of Clermons [Baker (100851)]. POTTER: between Cross Fork and Oleana [Baker (100857)]. WASHINGTON: Florence [Baker (100862)].
- Coreopsis lanceolata* L. -- ALLEGHENY: Pittsburgh [Farnsworth (10550)]. CLARION: Foxburgh [Baker (61227)].
- Crepis capillaris* (L.) Wallr. -- CLEARFIELD: central part of county [Deer (101038)]. CRAWFORD: Pymatuning [Baker (265772)]; also Meadville. McKEAN: 3 mi NE of Clermont [Baker (101048)]. POTTER: Millport [Baker (101050)].
- Crepis tectorum* L. -- NORTHAMPTON: South Bethlehem [Bechdolt (302395)].
- Eclipta prostrata* (L.) L. [*E. alba* (L.) Hassk.] -- GREENE: 5 mi N of Point Marion [Baker (101066)].
- Erigeron philadelphicus* L. -- ARMSTRONG: Putneyville [Henry (101295)]; also Queenstown. CAMBRIA: 3.2 mi NW of Glasgow [Baker (101314)]; also Elton. CAMERON: Piper [Baker (101316)]; also 6 mi W of Driftwood. FULTON: Burnt Cabin to Cowans Gap [Baker (101335)]. INDIANA: 3 mi NE of Smithport [Henry & Baker (101345)]; also Marion Center; 2.5 mi W of Northpoint. JEFFERSON: 2.5 mi S of Allens Mills [Henry & Beer (101347)]; also 2.5 mi SE of Richardsville. TIOGA: Gaines [Wible 545].
- Erigeron pulchellus* Michx. -- CAMERON: 3 mi NW of Driftwood [Baker (101424)]. ERIE: Waterford [Baker (101431)].
- Erigeron strigosus* Muhl. ex Willd. -- CRAWFORD: Cambridge Springs [Murray (101518)].
- Eupatorium altissimum* L. -- GREENE: 5 mi N of Point Marion [Baker (101601)]. LAWRENCE: Mahoning Township [Cusick 22975].
- Eupatorium maculatum* L. -- BEAVER: Bocktown [Henry (101857)]. CHESTER: Milltown [Pennell 11942]. FAYETTE: 4 mi N of Masontown [Henry & Baker (101891)]. GREENE: 3-3.5 mi SW of Deep Valley [Henry & Beer (101893)].
- Eupatorium purpureum* L. -- CAMERON: 4 mi W of Driftwood [Baker (102153)]. CRAWFORD: 4 mi NE of Cochranon [Henry & Baker (102159)].
- Eupatorium rugosum* Houtt. -- CAMBRIA: Nicktown [Henry & Baker (102339)]; also St. Bonifacius.
- Eupatorium sessilifolium* L. -- CAMERON: Driftwood [Henry (102487)]. CLEARFIELD: Clearfield to Pottersdale [Jennings (102491)]. GREENE: Jefferson [Henry & Baker (102501)].
- Galinsoga parviflora* Cav. -- ALLEGHENY: Pittsburgh [Utech 79-368].
- Galinsoga quadriradiata* R. & P. [*G. ciliata* (Raf.) Blake] -- CAMBRIA: Ashville [Baker (102557)]. INDIANA: Marion Center [Baker (102578)].
- Gnaphalium obtusifolium* L. -- VENANGO: 3 mi N of Wesley [Baker (102700)]; also 5 mi SE of Oil City; Utica.
- Gnaphalium purpureum* L. -- CAMBRIA: 4.5 mi NE of Patton [Kline (102775)].
- Gnaphalium viscosum* H.B.K. [*G. macounii* Greene] -- CLARION: 4 mi SE of Fisher [Henry (102834)]. LEHIGH: Wagners Landing [Hartzel (102843)].
- Helenium flexuosum* Raf. -- ELK: 4 mi S of Kane [Grisez 686]. WARREN: 6 mi S of Warren [Grisez 601]. WASHINGTON: Bavington [Baker (102997)].
- Helianthus annuus* L. -- BEAVER: Shippingport [Ohlsson 3517].
- Helianthus decapetalus* L. -- CRAWFORD: Little Cooley [Leberman (269101)].
- Helianthus divaricatus* L. -- LAWRENCE: McConnells Mill [Homer (103207)]. MERCER: North Liberty [Henry (103209)].

Helianthus grosseserratus Martens -- BEAVER: Pattons Point [Baker (103307)].

Helianthus hirsutus Raf. -- FULTON: Dogtown [Cusick 26963].

Helianthus strumosus L. -- CRAWFORD: Saegertown [Baker (103466)]. FULTON: PA 915 and I-76 [Baker (103486)]. POTTER: Wharton [Baker (103502)]. TIOGA: Blossburg [Bright (103509)].

Helianthus tuberosus L. -- CAMERON: Emporium [Baker (103563)].

Heliopsis helianthoides (L.) Sweet -- ERIE: Elgin [Baker (103686)]. McKEAN: Kinzua Lake [Baker (103721)].

Hieracium aurantiacum L. -- FULTON: Buck Valley [Baker (103793)]. WASHINGTON: 5 mi N of Hanlin Station [Baker (103840)]; also Murdocksville.

Hieracium gronovii L. -- BEAVER: Kendall [Cusick 24935].

Hieracium pilosella L. -- CRAWFORD: Guys Mills [Leberman (296743)]. ERIE: between Corry and Union City [Baker (265753)]; also Presque Isle. WARREN: Lander [Grisez 510].

Hieracium piloselloides Vill. [*H. florentinum* All.] -- McKEAN: Kane [Patterson (103864)]. TIOGA: Marshlands [Wible 541]. WASHINGTON: Murdocksville [Baker (103866)].

Hypochoeris radicata L. -- CRAWFORD: Pymatuning [Baker (104471)]. LAWRENCE: Plain Grove [Baker (104478)]. SOMERSET: Berlin [Baker (104484)].

Inula helenium L. -- WASHINGTON: Murdocksville [Mason (104522)].

Krigia biflora (Walt.) Blake -- CLARION: Shippenville [Baker (104561)]. FULTON: Harrisonville [Henry & Baker (104572)].

Lactuca floridana (L.) Gaertn. -- CRAWFORD: Saegertown [Baker (104838)].

Lactuca hirsuta Muhl. -- CLINTON: Keating [Baker (104950)].

Lactuca saligna L. -- BUTLER: Old Stone House [Pearth (104960)]. CRAWFORD: Saegertown [Baker (104961)]. VENANGO: Sugar Creek at US 322 [Baker (104969)].

Lactuca scariola L. -- McKEAN: Eldred [Grisez 617].

Lapsana communis L. -- POTTER: Cross Fork [Boufford & Wood 21152]. TIOGA: Marshlands [Wible 613]. WARREN: Buckaloons Recreation Area [Grisez 499].

Liatris spicata (L.) Willd. -- WASHINGTON: Bavington [Baker & Clark (105100)].

Matricaria chamomilla L. -- ERIE: Mercyhurst Woods [Hepler (111393)].

Matricaria matricarioides (Less.) Porter -- CLINTON: Tamarack [Baker (252651)]. ELK: Wilcox [Baker (105138)]. WESTMORELAND: New Kensington [Farnsworth (10266)]; also 6.5 mi SE of Rector.

Polymnia canadensis L. -- CAMBRIA: Cresson Springs [Koch (105193)].

Prenanthes alba L. -- ELK: Portland Mills [Henry (105248)]. MERCER: Mercer to Millburn [Jennings (105259)]. SOMERSET: Roxbury [Baker (105261)]; also 2.25 mi NNE of Thomas Mills. VENANGO: 5 mi SE of Oil City [Henry (105262)]. WARREN: Rimrock [Baker (105263)]; also Warren. WASHINGTON: West Finley [Dickey (105264)].

Prenanthes altissima L. -- CRAWFORD: Cochranon [Baker (105324)]; also Frenchtown; 3 mi SE of Meadville. TIOGA: Wellsboro [Farnsworth (9810)].

Prenanthes trifoliolata (Cass.) Fern. -- WASHINGTON: Murdocksville [Baker (105465)].

***Ratibida pinnata** (Vent.) Barnh. -- WASHINGTON: Pleasant Grove [Baker (105482)].

Rudbeckia triloba L. -- BEAVER: Shippingport [Ohlsson & Crandell 3535]. McKEAN: PA 446 at PA 346 [Grisez 610].

Senecio obovatus Muhl. -- ERIE: Elk Creek at PA 98 [Baker (106085)]; also Erie. FOREST: Cook Forest [Jennings (106091)]. SOMERSET: Ursina [Henry (106113)]; also Glencoe.

Senecio pauperculus Michx. -- HUNTINGDON: Birmingham [Wolle (91049)].

Senecio viscosus L. -- CAMERON: Truman [Henry & Baker (106150)]. CLEARFIELD: 2 mi SE of Viola [Baker (106151)]. CLINTON: 10 mi S of Renovo [Baker (106153)]. POTTER: 4 mi N of Cameron County line on PA 155 [Baker (106155)]; also Sizerville. WARREN: Warren [Grisez 689].

Senecio vulgaris L. -- MERCER: Sharon [Cusick 23646]. POTTER: E of McKean County line on PA 155 [Baker (106172)]. WARREN: Warren [Baker (106175)]. WASHINGTON: Charleroi [Cusick 27116].

Sericocarpus asteroides (L.) B.S.P. -- CAMBRIA: St. Lawrence [Jennings (106216)]. CRAWFORD: Cambridge Springs [Murray (106228)]; also Conneaut Lake. FAYETTE: Ohio pyle [Bright (106232)]; also Dawson; Fairchance. FULTON: Big Tonoloway Creek [Baker (106236)]; also Harrisonville. LAWRENCE: McConnells Mill [Bright (106247)]. LYCOMING: Williamsport to Allenwood [Jennings (106248)]; also Vilas. SOMERSET: Thomas Mills [Ross (106264)]. VENANGO: 3 mi NE of Kennerdell [Baker & Brown (254174)]. WARREN: North Warren [Moldenke 15795]. WASHINGTON: 6 mi E of Florence [Baker (106267)].

Silphium perfoliatum L. -- FAYETTE: 4 mi W of Ohio pyle [Jennings (106289)].

Silphium trifoliatum L. -- FOREST: Tionesta [*Leberman* (106335)]. FULTON: Harrisonville [*Baker* (106338)]; also Barnes Gap; Warfordsburg. INDIANA: Kent [*Jennings* (106344)]; also Black Lick; Mt. Union.

Solidago arguta Ait. -- FOREST: Allegheny National Forest [*Baker* (106388)]; also 2.1 mi S of Warren County line on US 62. FRANKLIN: Mont Alto [*Bright 10643*]. FULTON: Sideling Hill [*Henry & Baker* (106391)]; also 3 mi N of Warfordsburg. VENANGO: 5 mi SE of Oil City [*Henry* (106419)]. WASHINGTON: Charleroi [*Jennings* (106425)]. WESTMORELAND: 6.5 mi SE of Rector [*Utch 81-413*].

Solidago bicolor L. -- CAMERON: 8 mi NW of Emporium [*Henry & Roslund* (106485)]; also Driftwood. CRAWFORD: Saegertown [*Baker* (106506)].

Solidago canadensis L. [including all varieties except var. *scabra*] -- ARMSTRONG: Mahoning [*Henry & Baker* (89942)]; also 6 mi S of New Bethlehem. CRAWFORD: Geneva [*Jennings & Boardman* (89991)]; also 3 mi NW of Blooming Valley; Conneaut Lake. WAYNE: White Oak Pond [*Jennings, et al.* (90059)]; also Honesdale.

Solidago canadensis L. var. *scabra* (Muhl.) Torr. & Gray [*S. altissima* L.] -- CAMBRIA: 5 mi NE of Patton [*Henry & Baker* (90138)]. INDIANA: Shelocta [*Henry & Beer* (90179)]; also Clarksburg; 7 mi NE of Saltsburg. LAWRENCE: 5 mi NW of Harlansburg [*Henry & Beer* (90189)]; also 10 mi SE of Mercer; 4 mi E of New Castle.

***Solidago curtisii** (Torr.) Gray [Species not listed in Wherry, et al. (1979). The previous record for Pennsylvania (Henry, 1978) was based on a misidentified specimen from Bedford County. This species is officially listed by the state as extirpated in Pennsylvania; the specimens listed here were collected in 1984.] -- GREENE: 1.9 km ESE of Majorville, West Virginia [*Thompson & Nishida 2010*]; also 3.6 km SSW of West Finley. WASHINGTON: 3.7 km ESE of Majorville, West Virginia [*Thompson & Nishida 2095*].

***Solidago erecta** Pursh -- PERRY: Newport [*Gress* (92086)].

Solidago flexicaulis L. -- ARMSTRONG: Mahoning [*Henry & Baker* (90250)]; also 6 mi S of New Bethlehem; Kittanning; West Winfield. CLARION: mouth of Clarion River [*Jennings* (90269)]. CRAWFORD: Sugar Lake [*Baker* (90272)]; also Frenchtown. FOREST: Allegheny National Forest [*Baker* (90284)]. INDIANA: 3 mi NE of Saltsburg [*Jennings* (90291)]. JEFFERSON: Big Run [*Henry & Beer* (90292)].

Solidago gigantea Ait. -- CAMBRIA: Johnstown [*Jennings* (90587)]. CAMERON: 4 mi W of Driftwood [*Baker* (90588)]; also Mix Run. INDIANA: Luciusboro [*Henry* (90541)]; also 4 mi S of Indiana; 3 mi NE of Saltsburg.

Solidago juncea Ait. -- CAMBRIA: Elmora [*Jennings* (90953)]; also Patton; St. Lawrence. CRAWFORD: Sugar Lake [*Henry & Beer* (90980)]; also Centerville; 4 mi E of Geneva. ERIE: Erie [*Henlen* (90988)]; also North East; Waterford.

Solidago nemoralis Ait. -- CAMBRIA: Nicktown [*Henry & Baker* (91217)]; also Cresson; Patton; St. Lawrence.

Solidago patula Muhl. -- FAYETTE: Connellsville [*Baker* (91443)]; also Indian Creek. JEFFERSON: 5 mi SW of Sigel [*Henry* (91452)]; also Big Run; Timblin. POTTER: 5 mi N of Cross Fork [*Baker* (91469)]. YORK: Frogtown [*Gress* (91489)].

Solidago puberula Nutt. -- FRANKLIN: Richmond Furnace [*Cusick 27087*]. FULTON: Sidling Hill [*Henry & Baker* (91496)].

***Solidago purshii** Porter -- MERCER: Mercer [*Baker* (91984)]; also Grove City. SOMERSET: Buckstown [*Jennings* (91987)]; also Stoney Creek.

Solidago rugosa Ait. -- WASHINGTON: Aunt Clara Fork of King Creek [*Baker* (91753)]; also 6 mi E of Florence.

Solidago speciosa Nutt. -- FAYETTE: Ohiopyle [*Bright* (90224)]. FRANKLIN: PA 456 and Ward Road [*Cusick 27094*].

Solidago squarrosa Muhl. -- ELK: Medix Run [*Jennings* (91936)]. FAYETTE: Ohiopyle [*Jennings* (91938)]. FOREST: 3 mi N of Tionesta [*Krouse* (91939)]. GREENE: 3.5 mi SW of Deep Valley [*Henry & Baker* (91942)]. JEFFERSON: Big Run [*Jennings* (91945)]. SOMERSET: Fairhope [*Boardman* (91957)]. VENANGO: Oil City [*Patterson* (91959)].

Solidago ulmifolia Muhl. -- BEAVER: Pattons Point [*Bright* (92012)]; also Ambridge; 3 mi W of Beaver Falls. CLARION: Shipperville [*Henry & Baker* (92037)]. ELK: Medix Run [*Jennings* (92039)]. ERIE: Elk Creek [*Henry & Baker* (92040)]. INDIANA: 2.5 mi N of Armagh [*Henry & Beer* (92053)]; also Saltsburg. MERCER: 4 mi NE of Clarksville [*Henry & Baker* (92057)]; also Schollard. TIOGA: Gaines [*Jennings* (92065)].

Sonchus arvensis L. [including *S. uliginosus* Bieb.] -- ARMSTRONG: Lawsonham [*Henry & Baker* (92106)]; also Mosgrove. BEAVER: Shippingport [*Henrici* (92107)]. CLEARFIELD: Phillipsburg [*Baker* (92115)]. CLINTON: Hyner [*Baker* (92179)]. LAWRENCE: New Castle [*Robinson* (92117)]. WASHINGTON: Florence [*Henry & Beer* (92181)].

Sonchus asper (L.) Hill -- BEAVER: Shippingport [*Krouse* (92129)]. CAMERON: Emporium [*Jennings* (92136)]. ERIE: Presque Isle [*Baker* (92137)]. GREENE: Ryerson Station [*Baker* (92141)]. WARREN: Warren [*Moldenke 14841*].

Sonchus oleraceus L. -- ERIE: Presque Isle [*Henlen* (92164)]. POTTER: Coudersport [*Barrie 16697*]. SOMERSET: Stoystown [*Patterson* (92170)]; also Shanksville. WARREN: North Warren [*Moldenke 15647*]. WASHINGTON: Buffalo Creek [*Henry & Beer* (92172)].

Tanacetum vulgare L. -- ALLEGHENY: Edgewood [*Mellor* (92191)]; also Pittsburgh. ARMSTRONG: no further locality [*Knipe* (92192)]. BEAVER: Dutchmans Run [*Shafer* (92196)]. CAMBRIA: Nicktown [*Kline* (92200)]. CRAWFORD: Conneaut Lake [*Shafer* (92201)]. ELK: Hallton [*Henry* (92203)]; also Kane. FOREST: Marienville [*Grisez 604*]. LAWRENCE: Hazel Dell [*Aiker* (92207)]; also Slippery Rock

Creek. MERCER: Mercer [*Henlen* (92209)]. POTTER: Austin [*Baker* (92214)]; also Coudersport. WARREN: North Warren [*Moldenke* 16664].

Taraxacum laevigatum (Willd.) DC. [*T. erythrospermum* Andr.] -- BEAVER: Bockstown [*Graham* (92226)]. WESTMORELAND: Bolivar [*Jennings* (92242)]; also Mt. Pleasant.

Taraxacum officinale Weber -- FAYETTE: Wymps Gap [*Henry & Baker* (92281)].

Tragopogon dubius Scop. subsp. *major* (Jacq.) Voll. [*T. major* Jacq.] -- ALLEGHENY: Emsworth [*Baker* (285427)]; also Pittsburgh. CAMERON: Sterling [*Henry & Baker* (92268)]; also Emporium. ERIE: Presque Isle [*Griseb* 778]. McKEAN: Mt. Jewett [*Baker* (92318)]. POTTER: junction of PA 44 and PA 144 [*Boufford & Wood* 21155]. SOMERSET: Meyersdale [*Thompson, et al.* 2459]. WESTMORELAND: Powdermill Nature Reserve [*Leberman & Mulvihill* (287297)].

Tragopogon porrifolius L. -- CRAWFORD: Hartstown [*Baker* (92322)]. CUMBERLAND: Blue Mountain [*Farnsworth* (92323)]. MERCER: Drake [*Henry* (92324)]. SOMERSET: Somerset [*Patterson* (92326)].

Tragopogon pratensis L. -- CAMBRIA: Nicktown [*Kline* (92333)]. CRAWFORD: Hartstown [*Baker* (92336)]; also Rockdale Center. ERIE: Erie [*Sullivan* (92337)]. POTTER:

Coudersport [*Barrie* 16396]; also Brookland. SOMERSET: Ursina [*Baker* (92344)]. WARREN: Columbus [*Henry & Baker* (92347)]; also North Warren; Sulphur Springs.

Tussilago farfara L. -- CRAWFORD: Linesville [*Matheson* (92403)]. GREENE: SE of PA 21 on road to Bristoria [*Thompson & Loughlin* 601]; also Ryerson Station. MERCER: Drake [*Henry* (92436)]; also Swamp Root.

Verbesina alternifolia (L.) Britt. -- ELK: Croyland [*Griseb* 651]. FOREST: Truemans [*Griseb* 586].

Vernonia gigantea (Walt.) Trel. -- CAMBRIA: Cresson [*Henry & Baker* (92562)]. ELK: Medix Run [*Jennings & McClelland* (92568)]. FAYETTE: Brier Hill [*Cusick* 26912]. INDIANA: Heilwood [*Henry & Beer* (158066)]; also Dilltown; 3 mi NE of Saltsburg.

Vernonia noveboracensis (L.) Michx. -- BEAVER: Fombell [*Jennings* (92601)]. MERCER: Centertown [*Henry* (92647)]. SOMERSET: 2-3 mi SE of Salisbury [*Henry & Baker* (92656)]; also 4 mi SW of Somerset; Trent.

Xanthium strumarium L. var. *canadense* (P. Mill.) Torr. & Gray [including *X. italicum* Moretti and *X. pennsylvanicum* Wallr.] -- CAMBRIA: Nicktown [*Kline* (92687)].

Xanthium strumarium L. var. *glabratum* (DC.) Cronq. [*X. chinense* P. Mill.] -- INDIANA: Conemaugh Reservoir [*Henry* (92727)].

ACKNOWLEDGMENTS

We wish to thank Joy Nishida and Tracy Kunkel for recording label data from many herbarium specimens, Geri Pollack for help in data entry, and Fred Wright for his assistance in

proofreading the manuscript and verifying the spelling of many geographical place names. Financial support from the Morris Arboretum is gratefully acknowledged.

LITERATURE CITED

- BOONE, G. C. 1983. Forest survey in Henstep Valley, Union County, Pennsylvania. Proceedings of the Pennsylvania Academy of Science, 57:201-203.
- HENRY, L. K. 1974. An annotated list of the vascular flora of Butler County, Pennsylvania. Annals of Carnegie Museum, 43(5):115-178.
- _____. 1978. Vascular flora of Bedford County, Pennsylvania: An annotated checklist. Carnegie Museum of Natural History, Pittsburgh, 178 pp.
- HENRY, L. K., and W. E. BUKER. 1964a. Additions to the "Check list of the vascular flora of Allegheny County, Pennsylvania" (1951). Trillia, 12:1-15.
- _____. 1964b. Rare or otherwise noteworthy plants in western Pennsylvania. Trillia, 12:47-132.
- HENRY, L. K., W. E. BUKER, and D. L. PEARTH. 1975. Western Pennsylvania orchids. Castanea, 40:93-171.
- JOLLEY, D. K. 1978. Additions to the orchid flora of Potter County, Pennsylvania. Castanea, 43:64-66.
- KARTESZ, J. T., and R. KARTESZ. 1980. A synonymized checklist of the vascular flora of the United States, Canada, and Greenland, Volume II. The biota of North America. University of North Carolina Press, Chapel Hill, 498 pp.
- KNAPICH, S. S. 1986. Trees and shrubs of Columbia County, Pennsylvania. Bartonia, 52:9-13.
- KUNSMAN, J. R., and C. S. KEENER. 1986. New records of vascular plants from Blair County, Pennsylvania. Bartonia, 52:14-25.
- LANDOLT, E. 1986. The family of Lemnaceae -- a monographic study, Volume 1. Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, 71:1-566.
- MONTGOMERY, J. D. 1983. Some additions to the flora in Luzerne County, Pennsylvania. Bartonia, 49:27-31.

- NEWBOLD, A. 1978. Additions to the check-list of the flora of Montgomery County. *Bartonia*, 45:5.
- NEWBOLD, A., and R. J. HOLT. 1986. Additions to the check-list of the flora of Montgomery County, IV. *Bartonia*, 52:78.
- OVERLEASE, W. R. 1986. Checklist of the flora of Chester County, Pennsylvania. *Bartonia*, 52:60-77.
- PEARTH, D. L. 1966. Additions to the flowering plants of western Pennsylvania. *Annals of Carnegie Museum*, 38(12):273-296.
- _____. 1975. Ferns and flowering plants of Westmoreland Co., Pennsylvania. *Powdermill Nature Reserve Research Report*, 34:1-115.
- PENNSYLVANIA RARE PLANT COMMITTEE. 1988. Pennsylvania natural diversity inventory: Plants of special concern in Pennsylvania. Unpublished manuscript, 12 pp.
- RHOADS, A. F. 1985. Eastern Pennsylvania rare plant survey update. *Bartonia*, 51:113-114.
- RHOADS, A. F., and K. FOGARASI. n.d. Pennsylvania flora database herbarium data procedures instruction manual. Morris Arboretum of the University of Pennsylvania, Philadelphia, unpublished manuscript, 104 pp.
- SCHUYLER, A. E. 1979. Check list of the aquatic vascular plants of Lake Lacawac, Pennsylvania. *Bartonia*, 46:69-70.
- UTECH, F. H. 1980. Chromosome atlas of the vascular plants of western Pennsylvania. I. *Annals of Carnegie Museum*, 49(18):265-305.
- WHERRY, E. T., J. M. FOGG, JR., and H. A. WAHL. 1979. Atlas of the flora of Pennsylvania. Morris Arboretum of the University of Pennsylvania, Philadelphia, 390 pp.
- WITHERUP, K., and R. J. MEDVE. 1984. The vascular flora of Wolf Creek Valley, Butler County, Pennsylvania. *Proceedings of the Pennsylvania Academy of Science*, 58:169-172.

INDEX TO GENERA

Abies 7	Baptisia 29	Consolida 22
Abutilon 34	Barbarea 24	Convallaria 16
Acalypha 31	Bartonia 39	Coptis 22
Acer 33	Bellis 47	Corallorhiza 17
Acorus 14	Berberis 22	Coreopsis 48
Actaea 22	Betula 18	Cornus 38
Adlumia 23	Bidens 47	Coronilla 29
Aegopodium 37	Blephilia 41	Corydalis 23
Aesculus 33	Boehmeria 19	Corylus 18
Aethusa 37	Brasenia 21	Crataegus 26
Agalinis 43	Brassica 24	Crepis 48
Agastache 41	Bromus 9	Cucurbita 46
Agrimonia 26	Buddleja 39	Cuscuta 40
Agrostemma 20	Bulbostylis 11	Cydonia 27
Agrostis 9		Cynoglossum 40
Ajuga 41	Cabomba 21	Cyperus 14
Alisma 9	Cacalia 48	Cypripedium 17
Alliaria 23	Calamagrostis 9	Cystopteris 7
Allium 16	Calla 14	
Alopecurus 9	Callitriche 32	Dactylis 10
Althaea 34	Caltha 22	Dalibarda 27
Alyssum 23	Calystegia 40	Danthonia 10
Amaranthus 20	Camelina 24	Datura 43
Ambrosia 46	Campsis 44	Daucus 37
Amelanchier 26	Capsella 24	Delphinium 22
Ammannia 36	Cardamine 24	Desmodium 29
Ampelopsis 34	Carex 11	Dianthus 21
Amphicarpaea 29	Carpinus 18	Dicanthelium 10
Andropogon 9	Carum 37	Dicentra 23
Anemone 22	Carya 18	Diervilla 45
Anethum 37	Castilleja 43	Digitaria 10
Anagallis 39	Catalpa 44	Diodia 45
Angelica 37	Ceanothus 33	Dioscorea 17
Antennaria 46	Celastrus 33	Diospyros 39
Anthemis 47	Celtis 19	Diplazium 7
Anthoxanthum 9	Centaurea 48	Diplotaxis 24
Anthriscus 37	Cerastium 21	Dipsacus 46
Antirrhinum 43	Chaenorrhinum 43	Dirca 36
Apios 29	Chaerophyllum 37	Drosera 25
Apocynum 39	Chamaecrista 29	Dryopteris 7
Aquilegia 22	Chamaelirium 16	Dulichium 14
Arabis 23	Chamaesyce 32	
Aralia 37	Chelidonium 23	Echinochloa 10
Aretium 47	Chenopodium 20	Echinocystis 46
Arenaria 21	Chimaphila 38	Echium 41
Arisaema 14	Chondrilla 48	Eclipta 48
Aristida 9	Chrysanthemum 48	Elaeagnus 36
Aristolochia 19	Chrysosplenium 25	Eleocharis 14
Armoracia 24	Cichorium 48	Eleusine 10
Aronia 26	Cimicifuga 22	Elodea 9
Artemesia 47	Cinna 10	Elymus 10
Aruncus 26	Circaea 36	Elytrigia 10
Asarum 19	Cirsium 48	Epifagus 44
Asclepias 40	Claytonia 20	Epigaea 38
Asimina 23	Clintonia 16	Epilobium 36
Asparagus 16	Collinsia 43	Epipactis 17
Asplenium 7	Collinsonia 41	Eragrostis 10
Aster 47	Commelina 15	Erigeron 48
Astragalus 29	Comptonia 18	Eriophorum 14
Athyrium 7	Conium 37	Erodium 31
Aureolaria 43	Conopholis 44	Erophila 24

Erysimum	24	Inula	49	Melissa	42
Erythronium	16	Iodanthus	24	Menispermum	23
Eulalia	10	Ipomoea	40	Mentha	42
Euonymus	33	Iris	17	Menyanthes	39
Eupatorium	48	Juglans	18	Mertensia	41
Euphorbia	32	Juncus	15	Milium	11
Festuca	10	Juniperus	8	Mimulus	43
Filipendula	27	Knautia	46	Mitchella	45
Fimbristylis	14	Kochia	20	Mitella	25
Floerkea	32	Krigia	49	Moehringia	21
Foeniculum	37	Lactuca	49	Mollugo	20
Fragaria	27	Lamium	41	Monarda	42
Fraxinus	39	Lappula	41	Monotropa	38
Galactia	29	Lapsana	49	Morus	19
Galeopsis	41	Larix	7	Muhlenbergia	11
Galinsoga	48	Lathyrus	30	Myosotis	41
Galium	45	Lechea	34	Myosoton	21
Gaultheria	38	Leersia	11	Myriophyllum	36
Gaura	36	Lemna	15	Najas	8
Gaylussacia	38	Leonurus	41	Nasturtium	24
Gentiana	39	Lepidium	24	Nepeta	42
Geranium	31	Lespedeza	30	Nicandra	43
Geum	27	Liatris	49	Nuphar	21
Glechoma	41	Ligusticum	37	Nymphaea	21
Gleditsia	29	Ligustrum	39	Nyssa	38
Glyceria	11	Lilium	16	Obolaria	39
Glycine	29	Linaria	43	Oenothera	36
Gnaphalium	48	Lindera	43	Ophioglossum	7
Gratiola	43	Lindernia	23	Origanum	42
Gymnocarpium	7	Linnaca	45	Ornithogalum	16
Gymnocladus	29	Linum	31	Orobanchae	44
Hackelia	41	Liparis	17	Oryzopsis	11
Hedeoma	41	Liriodendron	23	Osmorhiza	37
Hedyotis	45	Lithospermum	41	Ostrya	18
Helenium	48	Lobelia	46	Oxalis	31
Helianthemum	34	Lobularia	24	Oxydendrum	38
Helianthus	48	Lolium	11	Panax	37
Heliopsis	49	Lonicera	45	Panicum	11
Heliotropium	41	Lotus	30	Papaver	23
Helleborus	22	Ludwigia	36	Parietaria	19
Hemerocallis	16	Lunaria	24	Paronychia	21
Hepatica	22	Lupinus	30	Parthenocissus	34
Hesperis	24	Luzula	15	Pastinaca	37
Heuchera	25	Lychnis	21	Pedicularis	43
Hibiscus	34	Lycium	43	Peltandra	14
Hieracium	49	Lycopodium	7	Penstemon	44
Hordeum	11	Lycopus	41	Penthorum	25
Humulus	19	Lyonia	38	Perilla	42
Hybanthus	35	Lysimachia	39	Petrorhagia	21
Hydrangea	25	Lythrum	36	Phacelia	40
Hydrastis	22	Maianthemum	16	Phalaris	11
Hydrocotyle	37	Malus	27	Phaseolus	30
Hydrophyllum	40	Malva	34	Phlox	40
Hypericum	34	Marrubium	41	Phragmites	11
Hypochoeris	49	Matricaria	49	Phryma	44
Hypoxis	17	Matteuccia	7	Physalis	43
Hystrix	11	Medicago	30	Physocarpus	27
Iberis	24	Melampyrum	43	Physostegia	42
Ilex	32	Melanthium	16	Phytolacca	20
Impatiens	33	Melilotus	30	Picea	7
				Pilea	19

Pinus	7	Sedum	25	Vaccaria	21
Pisum	30	Senecio	49	Vaccinium	38
Plantago	45	Senna	30	Valeriana	46
Platanthera	17	Sericocarpus	49	Valerianella	46
Platanus	26	Sicyos	46	Vallisneria	9
Poa	11	Silene	21	Verbascum	44
Podostemon	25	Silphium	49	Verbena	41
Poinsettia	32	Sisymbrium	25	Verbesina	51
Polanisia	25	Sisyrrinchium	17	Vernonia	51
Polemonium	40	Smilacina	16	Veronica	44
Polygala	31	Smilax	16	Veronicastrum	44
Polygonum	19	Solanum	43	Viburnum	46
Polymnia	49	Solidago	50	Vicia	31
Pontederia	15	Sonchus	50	Vinca	39
Populus	18	Sorbaria	28	Viola	35
Porteranthus	27	Sorbus	28	Vitis	34
Portulaca	20	Sparganium	8	Waldsteinia	29
Potamogeton	8	Spergula	21	Wolffia	15
Potentilla	27	Sphenopholis	11	Woodwardia	7
Prenanthes	49	Spiraea	29	Xanthium	51
Prunella	42	Spiranthes	18	Zannichellia	9
Prunus	27	Spirodela	15	Zanthoxylum	31
Pycnanthemum	42	Sporobolus	11	Zea	11
Pyrola	38	Stachys	42	Zizia	38
Pyrularia	19	Staphylea	33	Zosterella	15
Pyrus	27	Stellaria	21		
Quercus	19	Stenanthium	17		
Ranunculus	22	Streptopus	17		
Raphanus	24	Strophostyles	30		
Ratibida	49	Symphoricarpos	46		
Rhamnus	33	Symphytum	41		
Rhododendron	38	Symplocarpus	14		
Rhodotypos	27	Syringa	39		
Rhus	32	Taenidia	37		
Rhynchospora	14	Tanacetum	50		
Ribes	25	Taraxacum	51		
Robinia	30	Taxus	8		
Rorippa	25	Tephrosia	30		
Rosa	28	Teucrium	42		
Rubus	28	Thalictrum	22		
Rudbeckia	49	Thaspium	38		
Rumex	20	Thelypteris	7		
Sabatia	39	Thlaspi	25		
Sagittaria	9	Tilia	34		
Salix	18	Torreyochloa	11		
Salsola	20	Toxicodendron	32		
Salvia	42	Tradescantia	15		
Sambucus	45	Tragopogon	51		
Samolus	39	Triadenum	34		
Sanguinaria	23	Trichostema	43		
Sanicula	37	Trientalis	39		
Saponaria	21	Trifolium	30		
Sassafras	23	Trillium	17		
Satureja	42	Triosteum	46		
Saxifraga	26	Tussilago	51		
Schizachyrium	11	Typha	8		
Scilla	16	Ulmus	19		
Scirpus	14	Urtica	19		
Scleranthus	21	Utricularia	44		
Scrophularia	44	Uvularia	17		
Scutellaria	42				

16^{AE}





SMITHSONIAN INSTITUTION LIBRARIES



3 9088 00608 9254