

A Tale of Two Floras: Changes from 2007 to 2024

The Plants of Pennsylvania is the most recent flora published specifically for our state, and has long been the standard reference for plant names and nativity. However, the second edition was published in 2007, and since that time, there have been many developments in botanical research, including plant scientific name changes, field discoveries, and new species descriptions that affect our flora. As the authors of Plants of Pennsylvania do not currently plan to publish new editions, we are referencing the [Flora of the Southeastern United States](#), which has recently expanded its range to include Pennsylvania. FSUS is a digital product that is frequently updated; it is available in pdf form, on the web, and as a mobile app with keys, photos, and range maps.

Comparison of the Floras:

	Plants of Pennsylvania	Flora of the Southeastern United States
total species	2984	3579*
native	2064	2136
introduced	920	1455
percent		
native	69%	60%
hybrid taxa	73	51*

**number included in this web list; FSUS has more.*

Differences in Approach

While some changes reflect new research and discoveries that are fairly universally recognized, it is worth mentioning that the authors of Flora of the Southeastern United States and of Plants of Pennsylvania took different philosophical approaches to plant taxonomy. Alan Weakley and the team of authors working on the Flora of the Southeastern United States are inclined to include more taxa in the flora on many levels; more species on the spectrum of cultivated to naturalized, more recognition of subspecies and varieties, more recognition of proposed species splits, and more inclusion of hybrids.

Changes to the Pennsylvania Vascular Plant List

Below are links to further description of various kinds of changes in the vascular flora of Pennsylvania between Plants of Pennsylvania and Flora of the Southeastern United States. Each category is summarized below; click the heading link to see a list of the affected taxa.

[Name Changes \(458 total\)](#)

Name changes occur for a variety of reasons, mostly related to new research.

Name changes summary	458
<i>Changes at genus or species level</i>	<i>338</i>
genus change	177

epithet change	29
elevation to species of something that is a split	78
elevation to species of something that isn't a split (our only one)	18
demotion to variety or subspecies	9
spelling	27
<i>Changes to varieties or subspecies</i>	<i>105</i>
addition of subsp or var so we have multiple in the species	49
change of var. to ssp. or ssp. to var.	16
variety or subsp. name change	6
FSUS added var. or ssp., there is only one in PA	10
FSUS dropped var. or ssp., there is only one in PA	24
<i>Changes to hybrids</i>	<i>15</i>
adding hybrid symbol	3
dropping hybrid symbol	4
change of hybrid epithet	8

Additions to the Flora (568 total)

These are taxa that are not mapped to any taxon included in Plants of Pennsylvania. Most of these are probably additions to the flora. They include:

- 508 introduced species
- 49 native species
- 4 species with both native and introduced presence.

New taxa come from several sources:

- More non-native species are now present in Pennsylvania than in 2007.
- The FSUS team included more cultivated plants, such as corn, while Plants of Pennsylvania only included taxa that had truly naturalized on the landscape.
- Some new native species were discovered in Pennsylvania, either extant on the landscape, or in historical museum collections.
- 11 new species of *Rubus* are included in FSUS, some of which are resurrections of old names, and some of which probably should be concept mapped as splits from Plants of PA-recognized taxa.

One caveat with this list is that the concept mapping between the floras was not complete, because in some cases it could not be done based on the information provided in Plants of Pennsylvania. A minority fraction of this number are these unmapped taxa rather than true introductions.

[Split taxa: new species, subspecies, and varieties \(166 taxa\)](#)

These are new taxa that have been split from taxa already documented in Pennsylvania. Many of these splits have been well documented by research and are generally accepted by most botanists. However, some are more controversial; not all may stand up to the test of further research and exploration. If you feel that certain splits do not work in the field, that characters are unreliable or intermediates are common, please provide feedback to PNHP and/or FSUS.

<u>Species</u>	83
introduced	3
Native	80
 <u>Subspecies</u>	 18
false	
report	1
Introduced	10
Native	7
 <u>Varieties</u>	 63
Introduced	3
Native	60

[Keys to Review](#)

This list of taxa includes those where a name, as used in Plants of Pennsylvania, now refers to multiple taxa in FSUS. For example, all of our ramps were previously considered one species, *Allium tricoccum*; they have now been divided into two species, *Allium tricoccum* and *Allium burdickii*. This list does not flag ambiguities below the level of species, where a name previously did not have subtaxa (varieties or subspecies) but FSUS has now recognized subtaxa.

[Nativity Changes](#)

For a small number of taxa, new information has resulted in a change in the native status assigned in Plants of Pennsylvania.

Hybrids

Differences in inclusion:

Floras typically do not list every hybrid ever documented to occur in the area, as most naturally occurring hybrids are infrequently encountered and cannot reproduce. Floras typically include some set of hybrids judged to occur with enough regularity that a flora user might encounter them. As in other areas, FSUS was more inclusive than the Plants of Pennsylvania and included many more hybrid taxa. However, in this web list, to simplify the view we are initially presenting only those which are somewhat common. Examples include:

- Naturally occurring hybrids where at least one parent is a non-native species that has become very prevalent on our landscape, such as the hybrid of broadleaf cattail (native) and narrowleaf cattail (non-native), and the hybrid of giant knotweed and Japanese knotweed.
- Hybrids bred for the nursery trade, such as the London plane tree, the pussy willow, and many garden mints.

Removal of hybrid signs:

In four cases, FSUS removed the hybrid sign from the name. This is done where the FSUS authors believe the taxon is acting as an ecological species because it has formed significant populations that reproduce on their own. Without the hybrid symbol, hybrid origin can no longer be determined from the name; however, the written descriptions of the species do note the hybrid origin. We question whether some of these taxa meet the criteria for ecological species (in our Pennsylvania experience), and whether the removal of the hybrid symbol best serves flora users.

(filter “name change” and type of name change = “dropping hybrid symbol”)

Addition of hybrid signs

In some cases, research determined that taxa previously believed to be species were actually hybrids, and the hybrid symbol was added to the name to denote this.

Keys to Review

Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	New taxa
<	<i>Allium tricoccum</i>	<i>Allium burdickii</i>		N	species (split)
<	<i>Allium tricoccum</i>	<i>Allium tricoccum</i>		N	
=	<i>Amelanchier canadensis</i>	<i>Amelanchier canadensis</i>	S1	N	
<	<i>Amelanchier canadensis</i>	<i>Amelanchier intermedia</i>		N	species (split)
<	<i>Apocynum cannabinum</i>	<i>Apocynum cannabinum</i>		N	
<	<i>Apocynum cannabinum</i>	<i>Apocynum sibiricum</i>		N	species (split)
	<i>Arabis hirsuta</i>			N	
=	<i>Arabis hirsuta</i> var. <i>adpressipilis</i>	<i>Arabis adpressipilis</i>	S1	N	
=	<i>Arabis hirsuta</i> var. <i>pycnocarpa</i>	<i>Arabis pycnocarpa</i>	S1	N	
	<i>Arabis laevigata</i>			N	
=	<i>Arabis laevigata</i> var. <i>burkii</i>	<i>Borodinia burkii</i>		N	
=	<i>Arabis laevigata</i> var. <i>laevigata</i>	<i>Borodinia laevigata</i>		N	
	<i>Arenaria serpyllifolia</i>			I	
=	<i>Arenaria serpyllifolia</i> ssp. <i>leptoclados</i>	<i>Arenaria leptoclados</i>		I	
=	<i>Arenaria serpyllifolia</i> var. <i>serpyllifolia</i>	<i>Arenaria serpyllifolia</i>		I	
	<i>Arisaema triphyllum</i>			N	
=	<i>Arisaema triphyllum</i> ssp. <i>pusillum</i>	<i>Arisaema pusillum</i>		N	
=	<i>Arisaema triphyllum</i> ssp. <i>stewardsonii</i>	<i>Arisaema stewardsonii</i>		N	
<	<i>Arisaema triphyllum</i> ssp. <i>triphyllum</i>	<i>Arisaema species 2</i>		N	species (split)
=	<i>Arisaema triphyllum</i> ssp. <i>triphyllum</i>	<i>Arisaema triphyllum</i>		N	
	<i>Aristida dichotoma</i>			N	
=	<i>Aristida dichotoma</i> var. <i>curtissii</i>	<i>Aristida curtissii</i>	S1S2	N	
=	<i>Aristida dichotoma</i> var. <i>dichotoma</i>	<i>Aristida dichotoma</i>		N	
	<i>Aristida longespica</i>			N	
=	<i>Aristida longespica</i> var. <i>geniculata</i>	<i>Aristida geniculata</i>		N	
=	<i>Aristida longespica</i> var. <i>longespica</i>	<i>Aristida longespica</i>	S3S4	N	

Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	New taxa
<	<i>Artemisia vulgaris</i>	<i>Artemisia verlotiorum</i>		I	species (split)
=	<i>Artemisia vulgaris</i>	<i>Artemisia vulgaris</i>		I	
<	<i>Asarum canadense</i>	<i>Asarum canadense</i>		N	
<	<i>Asarum canadense</i>	<i>Asarum reflexum</i>		N	species (split)
	<i>Asplenium trichomanes</i>			N	
=	<i>Asplenium trichomanes</i> ssp. <i>quadrivalens</i>	<i>Asplenium quadrivalens</i>		N	
=	<i>Asplenium trichomanes</i> ssp. <i>trichomanes</i>	<i>Asplenium trichomanes</i>		N	
	<i>Athyrium filix-femina</i>			N	
=	<i>Athyrium filix-femina</i> var. <i>angustum</i>	<i>Athyrium angustum</i>		N	
=	<i>Athyrium filix-femina</i> var. <i>asplenioides</i>	<i>Athyrium asplenioides</i>		N	
<	<i>Betula papyrifera</i>	<i>Betula cordifolia</i>	S4	N	species (split)
<	<i>Betula papyrifera</i>	<i>Betula papyrifera</i>	S4	N	
<	<i>Boltonia asteroides</i>	<i>Boltonia asteroides</i> var. <i>asteroides</i>	S1	N	
<	<i>Boltonia asteroides</i>	<i>Boltonia montana</i>		N	species (split)
<	<i>Botrychium simplex</i>	<i>Botrychium simplex</i> var. <i>simplex</i>		N	
<	<i>Botrychium simplex</i>	<i>Botrychium tenebrosum</i>		N (some concern this shouldn't be recognized)	species (split)
<	<i>Bromus pubescens</i>	<i>Bromus nottowanus</i>	S2S4	N	species (split)
=	<i>Bromus pubescens</i>	<i>Bromus pubescens</i>		N	
<	<i>Calystegia sepium</i>	<i>Convolvulus americanus</i>		N	species (split)
<	<i>Calystegia sepium</i>	<i>Convolvulus sepium</i>		I	
<	<i>Calystegia sepium</i>	<i>Convolvulus species 2</i> [= <i>Calystegia sepium</i> ssp. <i>appalachianus</i>]		N	species (split)

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Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	New taxa
<	<i>Calystegia sepium</i>	<i>Convolvulus species 3</i> [= <i>Calystegia sepium</i> ssp. <i>erratica</i>]		N	species (split)
<	<i>Calystegia sepium</i>	<i>Convolvulus species 4</i> [= <i>Calystegia sepium</i> ssp. <i>angulatus</i>]		N	species (split)
<	<i>Calystegia spithamea</i>	<i>Convolvulus spithameus</i>	S4	N	
<	<i>Calystegia spithamea</i>	<i>Convolvulus stans</i>	S4	N	species (split)
=	<i>Carex abscondita</i>	<i>Carex abscondita</i>	S4	N	
<	<i>Carex abscondita</i>	<i>Carex cumberlandensis</i>		N	species (split)
	<i>Carex atlantica</i>			N	
=	<i>Carex atlantica</i> ssp. <i>atlantica</i>	<i>Carex atlantica</i>		N	
=	<i>Carex atlantica</i> ssp. <i>capillacea</i>	<i>Carex howei</i>		N	
	<i>Carex canescens</i>			N	
=	<i>Carex canescens</i> var. <i>canescens</i>	<i>Carex canescens</i>		N	
=	<i>Carex canescens</i> var. <i>disjuncta</i>	<i>Carex disjuncta</i>		N	
	<i>Carex debilis</i>			N	
=	<i>Carex debilis</i> var. <i>debilis</i>	<i>Carex debilis</i>		N	
<	<i>Carex debilis</i> var. <i>pubera</i>	<i>Carex allegheniensis</i>		N	
<	<i>Carex debilis</i> var. <i>rudgei</i>	<i>Carex flexuosa</i>		N	
<	<i>Carex hirsutella</i>	<i>Carex complanata</i>		N	species (split)
=	<i>Carex hirsutella</i>	<i>Carex hirsutella</i>		N	
	<i>Carex laxiculmis</i>			N	
=	<i>Carex laxiculmis</i> var. <i>copulata</i>	<i>Carex copulata</i>		N	
=	<i>Carex laxiculmis</i> var. <i>laxiculmis</i>	<i>Carex laxiculmis</i>		N	
=	<i>Carex nigromarginata</i>	<i>Carex nigromarginata</i>	S4	N	
<	<i>Carex nigromarginata</i>	<i>Carex reznicekii</i>		N	species (split)
	<i>Carex tonsa</i>			N	
=	<i>Carex tonsa</i> var. <i>rugosperma</i>	<i>Carex rugosperma</i>	S4	N	
=	<i>Carex tonsa</i> var. <i>tonsa</i>	<i>Carex tonsa</i>	S4	N	
<	<i>Carex trisperma</i>	<i>Carex billingsii</i>		N	species (split)
<	<i>Carex trisperma</i>	<i>Carex trisperma</i>		N	
<	<i>Carya glabra</i>	<i>Carya glabra</i>		N	
<	<i>Carya glabra</i>	<i>Carya ovalis</i>		N	species (split)

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Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	New taxa
<	<i>Caulophyllum thalictroides</i>	<i>Caulophyllum giganteum</i>		N	species (split)
<	<i>Caulophyllum thalictroides</i>	<i>Caulophyllum thalictroides</i>		N	
	<i>Conyza canadensis</i>			N	
=	<i>Conyza canadensis</i> var. <i>canadensis</i>	<i>Erigeron canadensis</i>		N	
=	<i>Conyza canadensis</i> var. <i>pusilla</i>	<i>Erigeron pusillus</i>		N	
	<i>Cornus amomum</i>			N	
=	<i>Cornus amomum</i> ssp. <i>amomum</i>	<i>Swida amomum</i>		N	
=	<i>Cornus amomum</i> ssp. <i>obliqua</i>	<i>Swida obliqua</i>		N	
<	<i>Cypripedium parviflorum</i> var. <i>pubescens</i>	<i>Cypripedium parviflorum</i> var. <i>makasin</i>		N	var
=	<i>Cypripedium parviflorum</i> var. <i>pubescens</i>	<i>Cypripedium parviflorum</i> var. <i>pubescens</i>	S4	N	
<	<i>Deutzia scabra</i>	<i>Deutzia crenata</i> var. <i>crenata</i>		I	
<	<i>Deutzia scabra</i>	<i>Deutzia gracilis</i>		I	addition (not in R&B)
<	<i>Dodecatheon meadia</i>	<i>Primula fassettii</i>	S2	N	species (split)
<	<i>Dodecatheon meadia</i>	<i>Primula meadia</i>	S1	N	
	<i>Echinochloa crusgalli</i>			I	
=	<i>Echinochloa crusgalli</i> var. <i>crusgalli</i>	<i>Echinochloa crusgalli</i> var. <i>crusgalli</i>		I	
=	<i>Echinochloa crusgalli</i> var. <i>frumentacea</i>	<i>Echinochloa frumentacea</i>		I	
<	<i>Eleocharis obtusa</i>	<i>Eleocharis aestuum</i>	S1	N	species (split)
	<i>Eleocharis obtusa</i>	<i>Eleocharis obtusa</i>		N	
<	<i>Eleocharis obtusa</i>	<i>Eleocharis ovata</i>		N	species (split)
>	<i>Eleocharis obtusa</i> var. <i>obtusa</i>	<i>Eleocharis obtusa</i>		N	
	<i>Eleocharis tenuis</i>			N	
=	<i>Eleocharis tenuis</i> var. <i>pseudoptera</i>	<i>Eleocharis tenuis</i> var. <i>pseudoptera</i>		N	
=	<i>Eleocharis tenuis</i> var. <i>tenuis</i>	<i>Eleocharis tenuis</i> var. <i>tenuis</i>		N	
=	<i>Eleocharis tenuis</i> var. <i>verrucosa</i>	<i>Eleocharis verrucosa</i>	S1	N	
	<i>Elymus canadensis</i>			N	
=	<i>Elymus canadensis</i> var. <i>canadensis</i>	<i>Elymus canadensis</i> var. <i>canadensis</i>		N	
=	<i>Elymus canadensis</i> var. <i>wiegandii</i>	<i>Elymus wiegandii</i>		N	

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Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	New taxa
<	<i>Elymus virginicus</i>	<i>Elymus hirsutiglumis</i>		N	species (split)
<	<i>Elymus virginicus</i>	<i>Elymus jejunos</i>		N	species (split)
<	<i>Elymus virginicus</i>	<i>Elymus macgregorii</i> var. <i>hirsutispiculus</i>		N	var
<	<i>Elymus virginicus</i>	<i>Elymus macgregorii</i> var. <i>macgregorii</i>		N	species (split)
<	<i>Elymus virginicus</i>	<i>Elymus virginicus</i>		N	
<	<i>Eupatorium album</i>	<i>Eupatorium album</i>	S1	N	
<	<i>Eupatorium album</i>	<i>Eupatorium subvenosum</i>	S1	N	species (split)
<	<i>Eupatorium hyssopifolium</i>	<i>Eupatorium torreyanum</i>		N	species (split)
=	<i>Eupatorium hyssopifolium</i> var. <i>hyssopifolium</i>	<i>Eupatorium hyssopifolium</i>		N	
=	<i>Eupatorium rotundifolium</i>			N	
=	<i>Eupatorium rotundifolium</i> var. <i>ovatum</i>	<i>Eupatorium pubescens</i>	S1	N	
=	<i>Eupatorium rotundifolium</i> var. <i>rotundifolium</i>	<i>Eupatorium rotundifolium</i>		N	
<	<i>Euthamia graminifolia</i>	<i>Euthamia floribunda</i>		N	species (split)
<	<i>Euthamia graminifolia</i>	<i>Euthamia graminifolia</i>		N	
<	<i>Euthamia graminifolia</i>	<i>Euthamia lanceolata</i>		N	species (split)
	<i>Fragaria vesca</i>				subtaxa differ
=	<i>Fragaria vesca</i> ssp. <i>americana</i>	<i>Fragaria americana</i>		N	
=	<i>Fragaria vesca</i> ssp. <i>vesca</i>	<i>Fragaria vesca</i>		I	
	<i>Fraxinus americana</i>			N	
<	<i>Fraxinus americana</i> var. <i>americana</i>	<i>Fraxinus americana</i>		N	
<	<i>Fraxinus americana</i> var. <i>americana</i>	<i>Fraxinus smallii</i>		N	species (split)
=	<i>Fraxinus americana</i> var. <i>biltmoreana</i>	<i>Fraxinus biltmoreana</i>		N	
	<i>Galium verum</i>			I	
=	<i>Galium verum</i> var. <i>verum</i>	<i>Galium verum</i>		I	
=	<i>Galium verum</i> var. <i>wirtgenii</i>	<i>Galium wirtgenii</i>		I	

Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	New taxa
	<i>Gamochaeta purpurea</i>			subtaxa differ	
<	<i>Gamochaeta purpurea</i> var. <i>purpurea</i>	<i>Gamochaeta pensylvanica</i>		I	species (split)
=	<i>Gamochaeta purpurea</i> var. <i>purpurea</i>	<i>Gamochaeta purpurea</i>		N	
<	<i>Gaylussacia dumosa</i>	<i>Gaylussacia bigeloviana</i>	SH	N	species (split)
<	<i>Gaylussacia dumosa</i>	<i>Gaylussacia dumosa</i>		N	
<	<i>Houstonia longifolia</i>	<i>Houstonia longifolia</i> var. <i>compacta</i>		N	var
<	<i>Houstonia longifolia</i>	<i>Houstonia longifolia</i> var. <i>longifolia</i>		N	
<	<i>Houstonia longifolia</i>	<i>Houstonia tenuifolia</i>		N	species (split)
	<i>Humulus lupulus</i>			subtaxa differ	
=	<i>Humulus lupulus</i> var. <i>lupuloides</i>	<i>Humulus americanus</i>		N	
=	<i>Humulus lupulus</i> var. <i>lupulus</i>	<i>Humulus lupulus</i>		I	
=	<i>Humulus lupulus</i> var. <i>pubescens</i>	<i>Humulus pubescens</i>		N?/I	
<	<i>Isoetes engelmannii</i>	<i>Isoetes appalachiana</i>		N	species (split)
<	<i>Isoetes engelmannii</i>	<i>Isoetes engelmannii</i>		N	
<	<i>Isoetes engelmannii</i>	<i>Isoetes valida</i>		N	species (split)
<	<i>Isoetes riparia</i>	<i>Isoetes riparia</i> var. <i>riparia</i>		N	
<	<i>Isoetes riparia</i>	<i>Isoetes septentrionalis</i>		N	species (split)
	<i>Juncus effusus</i>			N	
=	<i>Juncus effusus</i> var. <i>pylabei</i>	<i>Juncus pylabei</i>		N	
=	<i>Juncus effusus</i> var. <i>solutus</i>	<i>Juncus effusus</i> ssp. <i>solutus</i>		N	
	<i>Juncus tenuis</i>			N	
<	<i>Juncus tenuis</i> var. <i>tenuis</i>	<i>Juncus anthelatus</i>		N	species (split)
<	<i>Juncus tenuis</i> var. <i>tenuis</i>	<i>Juncus tenuis</i>		N	
<	<i>Liatris scariosa</i>	<i>Liatris novae-angliae</i> var. <i>nieuwlandii</i>	S2	N	var
<	<i>Liatris scariosa</i>	<i>Liatris novae-angliae</i> var. <i>novae-angliae</i>	S2	N	species (split)
<	<i>Liatris scariosa</i>	<i>Liatris scariosa</i>	S2	N	
	<i>Lindernia dubia</i>			N	
=	<i>Lindernia dubia</i> var. <i>anagallidea</i>	<i>Lindernia anagallidea</i>		N	
=	<i>Lindernia dubia</i> var. <i>dubia</i>	<i>Lindernia dubia</i> var. <i>dubia</i>		N	

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Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	New taxa
=	<i>Lindernia dubia</i> var. <i>inundata</i>	<i>Lindernia dubia</i> var. <i>inundata</i>		N	
	<i>Linum medium</i>			N	
>	<i>Linum medium</i> var. <i>medium</i>	<i>Linum curtissii</i>	SH	N	
><	<i>Linum medium</i> var. <i>medium</i>	<i>Linum medium</i>		N	
<	<i>Lycopodium clavatum</i>	<i>Lycopodium clavatum</i>		N	
<	<i>Lycopodium clavatum</i>	<i>Lycopodium lagopus</i>		N	species (split)
<	<i>Monarda media</i>	<i>Monarda fistulosa</i> var. <i>rubra</i>		N	var
<	<i>Monarda media</i>	<i>Monarda media</i>		N	
<	<i>Monotropa hypopithys</i>	<i>Hypopitys lanuginosa</i>		N	
<	<i>Monotropa hypopithys</i>	<i>Hypopitys species 3</i>		N	species (split)
<	<i>Myrica pensylvanica</i>	<i>Morella caroliniensis</i>	S4	N	species (split)
<	<i>Myrica pensylvanica</i>	<i>Morella pensylvanica</i>	S4	N	
<	<i>Opuntia humifusa</i>	<i>Opuntia cespitosa</i>		N	species (split)
<	<i>Opuntia humifusa</i>	<i>Opuntia humifusa</i>	S3	N	
<	<i>Oxalis dillenii</i>	<i>Oxalis florida</i>		N	species (split)
>	<i>Oxalis dillenii</i> ssp. <i>filipes</i>	<i>Oxalis dillenii</i>		N	
<	<i>Packera paupercula</i>	<i>Packera crawfordii</i>		N	species (split)
<	<i>Packera paupercula</i>	<i>Packera paupercula</i> var. <i>paupercula</i>		N	
	<i>Panicum amarum</i>				subtaxa differ
=	<i>Panicum amarum</i> var. <i>amarulum</i>	<i>Panicum amarulum</i>		N	
=	<i>Panicum amarum</i> var. <i>amarum</i>	<i>Panicum amarum</i>		I	
<	<i>Persicaria amphibia</i>	<i>Persicaria amphibia</i> ssp. <i>laevimarginata</i>		N	ssp
<	<i>Persicaria amphibia</i>	<i>Persicaria coccinea</i>		N	species (split)
<	<i>Phegopteris connectilis</i>	<i>Phegopteris connectilis</i>		N	
<	<i>Phegopteris connectilis</i>	<i>Phegopteris excelsior</i>		N	species (split)
<	<i>Platanthera grandiflora</i>	<i>Platanthera grandiflora</i>		N	
<	<i>Platanthera grandiflora</i>	<i>Platanthera shriveri</i>		N	species (split)
<	<i>Platanthera huronensis</i>	<i>Platanthera aquilonis</i>	S1	N	species (split)
<	<i>Platanthera huronensis</i>	<i>Platanthera huronensis</i>	S1	N	
	<i>Polygala verticillata</i>			N	
=	<i>Polygala verticillata</i> var. <i>ambigua</i>	<i>Polygala ambigua</i>		N	

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Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	New taxa
=	<i>Polygala verticillata</i> var. <i>isocycla</i>	<i>Polygala verticillata</i> var. <i>isocycla</i>		N	
=	<i>Polygala verticillata</i> var. <i>verticillata</i>	<i>Polygala verticillata</i> var. <i>verticillata</i>		N	
<	<i>Polygonum aviculare</i>	<i>Polygonum aviculare</i> ssp. <i>aviculare</i>		I	
<	<i>Polygonum aviculare</i>	<i>Polygonum aviculare</i> ssp. <i>depressum</i>		I	ssp
<	<i>Polygonum aviculare</i>	<i>Polygonum aviculare</i> ssp. <i>neglectum</i>		I	ssp
<	<i>Polygonum aviculare</i>	<i>Polygonum buxiforme</i>		N	
=	<i>Polygonum ramosissimum</i>				
=	<i>Polygonum ramosissimum</i> ssp. <i>prolificum</i>	<i>Polygonum prolificum</i>	S1S2	N	
=	<i>Polygonum ramosissimum</i> ssp. <i>ramosissimum</i>	<i>Polygonum ramosissimum</i>		N	
<	<i>Potamogeton perfoliatus</i>	<i>Potamogeton perfoliatus</i>	S3S4	N	
<	<i>Potamogeton perfoliatus</i>	<i>Potamogeton richardsonii</i>		N	species (split)
<	<i>Potamogeton pusillus</i>	<i>Potamogeton berchtoldii</i> ssp. <i>berchtoldii</i>		N	species (split)
<	<i>Potamogeton pusillus</i>	<i>Potamogeton pusillus</i>		N	
	<i>Prunus pumila</i>				
=	<i>Prunus pumila</i> var. <i>depressa</i>	<i>Prunus pumila</i> var. <i>depressa</i>	S2	N	
=	<i>Prunus pumila</i> var. <i>pumila</i>	<i>Prunus pumila</i> var. <i>pumila</i>	SX	N	
=	<i>Prunus pumila</i> var. <i>susquehanae</i>	<i>Prunus susquehanae</i>	S2	N	
	<i>Pycnanthemum verticillatum</i>			N	
=	<i>Pycnanthemum verticillatum</i> var. <i>pilosum</i>	<i>Pycnanthemum pilosum</i>	SH	N	
=	<i>Pycnanthemum verticillatum</i> var. <i>verticillatum</i>	<i>Pycnanthemum verticillatum</i>		N	
	<i>Ranunculus aquatilis</i>			N	
<	<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	<i>Ranunculus longirostris</i>	S3	N	
=	<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	<i>Ranunculus trichophyllus</i>	S3	N	
	<i>Ranunculus hispidus</i>				
=	<i>Ranunculus hispidus</i> var. <i>caricetorum</i>	<i>Ranunculus caricetorum</i>		N	

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Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	New taxa
=	<i>Ranunculus hispidus</i> var. <i>hispidus</i>	<i>Ranunculus hispidus</i>		N	
=	<i>Ranunculus hispidus</i> var. <i>nitidus</i>	<i>Ranunculus septentrionalis</i>		N	
	<i>Rubus idaeus</i>			Rhoades and Block only included the native concept of <i>Rubus idaeus</i> var. <i>strigosus</i> . <i>Rubus idaeus</i> as conceived of in R&B would be native; as conceived of in FSUS, would be introduced. (FSUS elevates them to species, native one is <i>R. strigosus</i> var. <i>strigosus</i>)	
<	<i>Rubus idaeus</i> var. <i>strigosus</i>	<i>Rubus strigosus</i> var. <i>strigosus</i>		N	
<	<i>Rubus pensilvanicus</i>	<i>Rubus argutus</i>		N	species (split)
>	<i>Rubus pensilvanicus</i>	<i>Rubus pensilvanicus</i>		N	
<	<i>Rudbeckia fulgida</i>	<i>Rudbeckia sullivantii</i>	S3	N	species (split)
=	<i>Rudbeckia fulgida</i> var. <i>fulgida</i>	<i>Rudbeckia fulgida</i>	S3	N	
=	<i>Rudbeckia fulgida</i> var. <i>speciosa</i>	<i>Rudbeckia speciosa</i>	S3?	N	
<	<i>Sagittaria calycina</i>	<i>Sagittaria spatulata</i>	S1	N	species (split)
	<i>Salix babylonica</i>			I	
<	<i>Salix babylonica</i> complex	<i>Salix</i> × <i>pendulina</i>		I	hybrid (split)
<	<i>Salix babylonica</i> complex	<i>Salix</i> × <i>sepulcralis</i>		I	hybrid (split)
	<i>Salix humilis</i>			N	
=	<i>Salix humilis</i> var. <i>humilis</i>	<i>Salix humilis</i>		N	
=	<i>Salix humilis</i> var. <i>tristis</i>	<i>Salix occidentalis</i>		N	
	<i>Schizachyrium scoparium</i>			N	
=	<i>Schizachyrium scoparium</i> var. <i>littorale</i>	<i>Schizachyrium littorale</i>	S1	N	
=	<i>Schizachyrium scoparium</i> var. <i>scoparium</i>	<i>Schizachyrium scoparium</i> var. <i>scoparium</i>		N	
=	<i>Selaginella apoda</i>	<i>Selaginella apoda</i>		N	
<	<i>Selaginella apoda</i>	<i>Selaginella eclipses</i>	no known occurrences		N species (split)
<	<i>Sericocarpus asteroides</i>	<i>Sericocarpus asteroides</i>		N	
<	<i>Sericocarpus asteroides</i>	<i>Sericocarpus caespitosus</i>		N	species (split)
	<i>Solidago arguta</i>			N	
=	<i>Solidago arguta</i> var. <i>arguta</i>	<i>Solidago arguta</i>		N	
<	<i>Solidago arguta</i> var. <i>arguta</i>	<i>Solidago tarda</i>		N	species (split)
=	<i>Solidago arguta</i> var. <i>harrisii</i>	<i>Solidago harrisii</i>	S1	N	

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Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	New taxa
	<i>Solidago simplex</i>				
=	<i>Solidago simplex</i> ssp. <i>randii</i> var. <i>racemosa</i>	<i>Solidago racemosa</i>	S1	N	
<	<i>Solidago simplex</i> ssp. <i>randii</i> var. <i>racemosa</i>	<i>Solidago randii</i>		N	
	<i>Sphenopholis obtusata</i>				
=	<i>Sphenopholis obtusata</i> × <i>pennsylvanica</i>	<i>Sphenopholis</i> × <i>pallens</i>		N	
=	<i>Sphenopholis obtusata</i> var. <i>major</i>	<i>Sphenopholis intermedia</i>		N	
=	<i>Sphenopholis obtusata</i> var. <i>obtusata</i>	<i>Sphenopholis obtusata</i>		N	
<	<i>Spiranthes cernua</i>	<i>Spiranthes arcisepala</i>		N	species (split)
<	<i>Spiranthes cernua</i>	<i>Spiranthes cernua</i>		N	
<	<i>Spiranthes cernua</i>	<i>Spiranthes incurva</i>		N	species (split)
<	<i>Spiranthes cernua</i>	<i>Spiranthes sheviakii</i>		N	species (split)
	<i>Stachys hyssopifolia</i>			N	
=	<i>Stachys hyssopifolia</i> var. <i>ambigua</i>	<i>Stachys aspera</i>		N	
>	<i>Stachys hyssopifolia</i> var. <i>hyssopifolia</i>	<i>Stachys hyssopifolia</i>		N	
<	<i>Stachys nuttallii</i>	<i>Stachys cordata</i>	S1	N	species (split)
<	<i>Stachys nuttallii</i>	<i>Stachys eplingii</i>	SH	N	species (split)
	<i>Stachys palustris</i>				subtaxa vary
>	<i>Stachys palustris</i> var. <i>palustris</i>	<i>Stachys palustris</i>		I	
<	<i>Stachys palustris</i> var. <i>pilosa</i>	<i>Stachys arenicola</i>		N	species (split)
<	<i>Stachys palustris</i> var. <i>pilosa</i>	<i>Stachys pilosa</i>		N	
<	<i>Stachys tenuifolia</i>	<i>Stachys hispida</i>		N	species (split)
<	<i>Stachys tenuifolia</i>	<i>Stachys tenuifolia</i>		N	
	<i>Symphyotrichum laeve</i>			N	
=	<i>Symphyotrichum laeve</i> var. <i>concinnum</i>	<i>Symphyotrichum concinnum</i>	S2	N	
=	<i>Symphyotrichum laeve</i> var. <i>laeve</i>	<i>Symphyotrichum laeve</i>		N	
<	<i>Thalictrum revolutum</i>	<i>Thalictrum amphibolum</i>	See note in FSUS	N	species (split)
<	<i>Thalictrum revolutum</i>	<i>Thalictrum hepaticum</i>		N	
<	<i>Thaspium barbinode</i>	<i>Thaspium barbinode</i>		N	
<	<i>Thaspium barbinode</i>	<i>Thaspium chapmanii</i>		N	species (split)

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Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	New taxa
	<i>Torreyochloa pallida</i>				
=	<i>Torreyochloa pallida</i> var. <i>fernaldii</i>	<i>Torreyochloa fernaldii</i>		N	
=	<i>Torreyochloa pallida</i> var. <i>pallida</i>	<i>Torreyochloa pallida</i>		N	
	<i>Triodanis perfoliata</i>				subtaxa differ
=	<i>Triodanis perfoliata</i> var. <i>biflora</i>	<i>Triodanis biflora</i>		I	
=	<i>Triodanis perfoliata</i> var. <i>perfoliata</i>	<i>Triodanis perfoliata</i>		N	
<	<i>Utricularia gibba</i>	<i>Utricularia gibba</i>	S4	N	
<	<i>Utricularia gibba</i>	<i>Utricularia striata</i>		N	species (split)
<	<i>Vaccinium corymbosum</i>	<i>Vaccinium caesariense</i>		N	species (split)
<	<i>Vaccinium corymbosum</i>	<i>Vaccinium corymbosum</i>		N	
<	<i>Vaccinium corymbosum</i>	<i>Vaccinium fuscatum</i>		N	species (split)
<	<i>Vaccinium stamineum</i>	<i>Vaccinium stamineum</i> var. 2		N	var
<	<i>Vaccinium stamineum</i>	<i>Vaccinium stamineum</i> var. <i>stamineum</i>		N	
<	<i>Veronica hederifolia</i>	<i>Veronica hederifolia</i>		I	
<	<i>Veronica hederifolia</i>	<i>Veronica sublobata</i>		I	species (split)
<	<i>Viola blanda</i>	<i>Viola blanda</i>		N	
<	<i>Viola blanda</i>	<i>Viola incognita</i>		N	species (split)
	<i>Viola pubescens</i>			N	
=	<i>Viola pubescens</i> var. <i>pubescens</i>	<i>Viola pubescens</i>		N	
=	<i>Viola pubescens</i> var. <i>scabriuscula</i>	<i>Viola eriocarpa</i>		N	
<	<i>Viola sagittata</i>	<i>Viola emarginata</i> var. <i>emarginata</i>		N	
	<i>Viola sagittata</i>				
=	<i>Viola sagittata</i> var. <i>ovata</i>	<i>Viola fimbriatula</i>		N	
=	<i>Viola sagittata</i> var. <i>sagittata</i>	<i>Viola sagittata</i>		N	
<	<i>Viola sororia</i>	<i>Viola communis</i>		N	species (split)
<	<i>Viola sororia</i>	<i>Viola septentrionalis</i>		N	species (split)
<	<i>Viola sororia</i>	<i>Viola sororia</i> var. 1 ["glabrous" variant]		N	var
<	<i>Viola sororia</i>	<i>Viola sororia</i> var. 2 ["hirsutula-like" variant]		N	var
<	<i>Viola subsinuata</i>	<i>Viola palmata</i> var. 1 ["pseudo-stoneana" variant]		N	var
<	<i>Viola subsinuata</i>	<i>Viola palmata</i> var. <i>triloba</i>		N	var

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Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	New taxa
<	<i>Viola subsinuata</i>	<i>Viola stoneana</i>		N	species (split)
<	<i>Vulpia octoflora</i>	<i>Festuca octoflora</i> var. <i>octoflora</i>		N	
<	<i>Xanthium strumarium</i>	<i>Xanthium chinense</i>		N	species (split)
<	<i>Xanthium strumarium</i>	<i>Xanthium orientale</i>		N	species (split)
<	<i>Xanthium strumarium</i>	<i>Xanthium strumarium</i>		I	

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Name Changes (458 total)

Rel.	Plants of Pennsylvania Name	FSUS Name	kind of name change	kind of name change 2	State Rank	Nativity
=	<i>Abutilon theophrastii</i>	<i>Abutilon theophrasti</i>	spelling			I
=	<i>Acanthopanax sieboldianus</i>	<i>Eleutherococcus sieboldianus</i>	genus change			I
<	<i>Acer rubrum</i>	<i>Acer rubrum</i> var. <i>rubrum</i>	addition spp or var so we have multiple in the species			N
<	<i>Acer saccharum</i>	<i>Acer saccharum</i> var. <i>saccharum</i>	addition spp or var so we have multiple in the species			N
=	<i>Acinos arvensis</i>	<i>Clinopodium acinos</i>	genus change			I
<	<i>Agalinis paupercula</i>	<i>Agalinis paupercula</i> var. <i>paupercula</i>	addition spp or var so we have multiple in the species		S1	N
=	<i>Ageratina altissima</i> var. <i>altissima</i>	<i>Ageratina altissima</i>	elevation to species of something that isn't a split (our only one)			N
=	<i>Agrostis stolonifera</i> var. <i>palustris</i>	<i>Agrostis stolonifera</i>	elevation to species of something that isn't a split (our only one)			I
=	<i>Alnus incana</i> ssp. <i>rugosa</i>	<i>Alnus rugosa</i>	elevation to species of something that isn't a split (our only one)			N
=	<i>Alnus viridis</i> ssp. <i>crispa</i>	<i>Alnus crispa</i>	elevation to species of something that isn't a split (our only one)		S1	N
=	<i>Amelanchier stolonifera</i>	<i>Amelanchier spicata</i>	epithet change			N
=	<i>Amianthium muscaetoxicum</i>	<i>Amianthium muscitoxicum</i>	spelling			N
<	<i>Amphicarpa bracteata</i>	<i>Amphicarpaea bracteata</i> var. <i>bracteata</i>	addition spp or var so we have multiple in the species			N
=	<i>Andromeda polifolia</i> var. <i>glaucophylla</i>	<i>Andromeda polifolia</i> var. <i>latifolia</i>	variety or ssp. name change		S3	N
=	<i>Andropogon gerardii</i>	<i>Andropogon gerardi</i>	spelling			N
=	<i>Anemone acutiloba</i>	<i>Hepatica acutiloba</i>	genus change			N
=	<i>Anemone americana</i>	<i>Hepatica americana</i>	genus change			N
=	<i>Anemone canadensis</i>	<i>Anemonastrum canadense</i>	genus change		S3S4	N
<	<i>Antennaria parlinii</i>	<i>Antennaria parlinii</i> ssp. <i>parlinii</i>	addition spp or var so we have multiple in the species			N
=	<i>Arabis canadensis</i>	<i>Borodinia canadensis</i>	genus change			N
=	<i>Arabis glabra</i>	<i>Turritis glabra</i>	genus change			N
=	<i>Arabis hirsuta</i> var. <i>adpressipilis</i>	<i>Arabis adpressipilis</i>	elevation to species of something that is a split		S1	N
=	<i>Arabis hirsuta</i> var. <i>pyncocarpa</i>	<i>Arabis pyncocarpa</i>	elevation to species of something that is a split		S1	N
=	<i>Arabis laevigata</i> var. <i>burkii</i>	<i>Borodinia burkii</i>	genus change	elevation to species of something that is a split		N
=	<i>Arabis laevigata</i> var. <i>laevigata</i>	<i>Borodinia laevigata</i>	genus change	elevation to species of something that is a split		N
=	<i>Arabis missouriensis</i>	<i>Borodinia missouriensis</i>	genus change		S1	N
=	<i>Arabis shortii</i>	<i>Borodinia dentata</i>	genus change			N

Rel.	Plants of Pennsylvania Name	FSUS Name	kind of name change	kind of name change 2	State Rank	Nativity
=	Arctostaphylos uva-ursi ssp. coactilis	Arctostaphylos uva-ursi	Weakley dropped var. or ssp. and it's our only one (=)		S1	N
=	Arenaria serpyllifolia ssp. leptoclados	Arenaria leptoclados				I
=	Arenaria serpyllifolia var. serpyllifolia	Arenaria serpyllifolia				I
=	Arisaema triphyllum ssp. pusillum	Arisaema pusillum	elevation to species of something that is a split			N
=	Arisaema triphyllum ssp. stewardsonii	Arisaema stewardsonii	elevation to species of something that is a split			N
=	Arisaema triphyllum ssp. triphyllum	Arisaema triphyllum	elevation to species of something that is a split			N
=	Aristida dichotoma var. curtissii	Aristida curtissii	elevation to species of something that is a split		S1S2	N
=	Aristida dichotoma var. dichotoma	Aristida dichotoma	elevation to species of something that is a split			N
=	Aristida longespica var. geniculata	Aristida geniculata	elevation to species of something that is a split			N
=	Aristida longespica var. longespica	Aristida longespica	elevation to species of something that is a split		S3S4	N
=	Aristolochia macrophylla	Isotrema macrophyllum	genus change		S4	N/I
=	Aristolochia serpentaria	Endodeca serpentaria	genus change		S4	N
=	Artemisia campestris ssp. caudata	Artemisia caudata	elevation to species of something that isn't a split (our only one)		S1	N
=	Asclepias incarnata ssp. incarnata	Asclepias incarnata var. incarnata	change of var. to ssp. or ssp. to var.			N
=	Asclepias incarnata ssp. pulchra	Asclepias incarnata var. pulchra	change of var. to ssp. or ssp. to var.		S4	N
<	Asclepias tuberosa	Asclepias tuberosa var. tuberosa	addition spp or var so we have multiple in the species			N
=	Asplenium xtrudellii	Asplenium trudellii	dropping hybrid symbol			N
=	Asplenium trichomanes ssp. quadrivalens	Asplenium quadrivalens	elevation to species of something that is a split			N
=	Asplenium trichomanes ssp. trichomanes	Asplenium trichomanes	elevation to species of something that is a split			N
=	Athyrium filix-femina var. angustum	Athyrium angustum	elevation to species of something that is a split			N
=	Athyrium filix-femina var. asplenioides	Athyrium asplenioides	elevation to species of something that is a split			N
=	Aureolaria laevigata	Aureolaria levigata	spelling			N
=	Belamcanda chinensis	Iris domestica	genus change			I
=	Betula lenta	Betula lenta var. lenta	Weakley added var. or ssp. and it's our only one (=)			N
=	Botrychium dissectum	Sceptridium dissectum	genus change			N
=	Botrychium lanceolatum ssp. angustisegmentum	Botrychium angustisegmentum	elevation to species of something that isn't a split (our only one)			N
=	Botrychium multifidum	Sceptridium multifidum	genus change		S4	N
=	Botrychium oneidense	Sceptridium oneidense	genus change			N
=	Botrychium virginianum	Botrypus virginianus	genus change			N
=	Brassica nigra	Rhamphospermum nigrum	genus change			I

Name Changes

Rel.	Plants of Pennsylvania Name	FSUS Name	kind of name change	kind of name change 2	State Rank	Nativity
=	<i>Bromus altissimus</i>	<i>Bromus latiglumis</i>	epithet change			N
=	<i>Calamagrostis cinnoides</i>	<i>Greeneochloa coarctata</i>	genus change			N
=	<i>Calystegia silvatica</i> var. <i>fraterniflora</i>	<i>Convolvulus fraterniflorus</i>	genus change			N
=	<i>Campanula americana</i>	<i>Campanulastrum americanum</i>	genus change			N
<	<i>Campanula aparinoides</i>	<i>Palustricodon aparinoides</i> var. <i>aparinoides</i>	addition spp or var so we have multiple in the species			N
=	<i>Cardaria draba</i>	<i>Lepidium draba</i>	genus change			I
=	<i>Carex albicans</i>	<i>Carex albicans</i> var. <i>albicans</i>	Weakley added var. or ssp. and it's our only one (=)			N
=	<i>Carex atlantica</i> ssp. <i>atlantica</i>	<i>Carex atlantica</i>	elevation to species of something that is a split			N
=	<i>Carex atlantica</i> ssp. <i>capillacea</i>	<i>Carex howei</i>	elevation to species of something that is a split			N
=	<i>Carex bromoides</i> var. <i>bromoides</i>	<i>Carex bromoides</i> ssp. <i>bromoides</i>	change of var. to ssp. or ssp. to var.			N
=	<i>Carex canescens</i> var. <i>canescens</i>	<i>Carex canescens</i>	elevation to species of something that is a split			N
=	<i>Carex canescens</i> var. <i>disjuncta</i>	<i>Carex disjuncta</i>	elevation to species of something that is a split			N
=	<i>Carex debilis</i> var. <i>debilis</i>	<i>Carex debilis</i>	elevation to species of something that is a split			N
<	<i>Carex debilis</i> var. <i>pubera</i>	<i>Carex allegheniensis</i>	elevation to species of something that is a split			N
<	<i>Carex debilis</i> var. <i>rudgei</i>	<i>Carex flexuosa</i>	elevation to species of something that is a split			N
=	<i>Carex echinata</i> var. <i>echinata</i>	<i>Carex echinata</i> ssp. <i>echinata</i>	change of var. to ssp. or ssp. to var.			N
=	<i>Carex laxiculmis</i> var. <i>copulata</i>	<i>Carex copulata</i>	elevation to species of something that is a split			N
=	<i>Carex laxiculmis</i> var. <i>laxiculmis</i>	<i>Carex laxiculmis</i>	elevation to species of something that is a split			N
<	<i>Carex leptalea</i>	<i>Carex leptalea</i> var. <i>leptalea</i>	addition spp or var so we have multiple in the species			N
=	<i>Carex lucorum</i> var. <i>lucorum</i>	<i>Carex lucorum</i>	Weakley dropped var. or ssp. and it's our only one (=)			N
<	<i>Carex muhlenbergii</i>	<i>Carex muehlenbergii</i> var. <i>muehlenbergii</i>	addition spp or var so we have multiple in the species			N
=	<i>Carex scoparia</i> var. <i>scoparia</i>	<i>Carex scoparia</i>	Weakley dropped var. or ssp. and it's our only one (=)			N
=	<i>Carex tenera</i> var. <i>tenera</i>	<i>Carex tenera</i>	Weakley dropped var. or ssp. and it's our only one (=)	S3S4		N
=	<i>Carex tonsa</i> var. <i>rugosperma</i>	<i>Carex rugosperma</i>	elevation to species of something that is a split	S4		N
=	<i>Carex tonsa</i> var. <i>tonsa</i>	<i>Carex tonsa</i>	elevation to species of something that is a split	S4		N
=	<i>Carex tribuloides</i> var. <i>tribuloides</i>	<i>Carex tribuloides</i>	Weakley dropped var. or ssp. and it's our only one (=)			N
=	<i>Carex viridula</i> var. <i>viridula</i>	<i>Carex viridula</i> ssp. <i>viridula</i>	change of var. to ssp. or ssp. to var.			N
=	<i>Carya ovata</i> var. <i>ovata</i>	<i>Carya ovata</i>	Weakley dropped var. or ssp. and it's our only one (=)			N
=	<i>Celtis tenuifolia</i>	<i>Celtis pumila</i>	epithet change	S4		N
=	<i>Centaurea cyanus</i>	<i>Cyanus segetum</i>	genus change			I
=	<i>Cerastium arvense</i> ssp. <i>strictum</i>	<i>Cerastium strictum</i>	elevation to species of something that isn't a split (our only one)			N

Name Changes

Rel.	Plants of Pennsylvania Name	FSUS Name	kind of name change	kind of name change 2	State Rank	Nativity
=	Cerastium fontanum ssp. triviale	Cerastium fontanum ssp. vulgare	variety or ssp. name change			I
=	Cerastium velutinum var. villosissimum	Cerastium velutinum var. villosissimum	spelling		S1	N
<	Chaerophyllum procumbens	Chaerophyllum procumbens var. procumbens	addition spp or var so we have multiple in the species			N
=	Cheilanthes lanosa	Myriopteris lanosa	genus change			N
=	Chenopodium album	Chenopodium album var. album	addition spp or var so we have multiple in the species			N
=	Chenopodium bonus-henricus	Blitum bonus-henricus	genus change			I
=	Chenopodium bushianum	Chenopodium berlandieri var. bushianum	demotion to variety or spp			N
=	Chenopodium missouriense	Chenopodium album var. missouriense	demotion to variety or spp			I
=	Chenopodium murale	Chenopodiastrum murale	genus change			I
=	Chenopodium simplex	Chenopodiastrum simplex	genus change			N
=	Chenopodium urbicum	Oxybasis urbica	genus change			I
=	Chrysogonum virginianum var. virginianum	Chrysogonum virginianum	Weakley dropped var. or ssp. and it's our only one (=)		S1	N
=	Circaea xintermedia	Circaea xsterilis	change of hybrid epithet			N
=	Circaea canadensis ssp. canadensis	Circaea canadensis	Weakley dropped var. or ssp. and it's our only one (=)			N
=	Claytonia virginica	Claytonia virginica var. virginica	Weakley added var. or ssp. and it's our only one (=)			N
=	Cleome hasslerana	Tarenaya species 1	genus change			I
=	Coeloglossum viride	Dactylorhiza viridis	genus change		S1	N
=	Consolida ajacis	Delphinium ajacis	genus change			I
=	Consolida regalis	Delphinium consolida	genus change			I
=	Conyza canadensis var. canadensis	Erigeron canadensis	genus change	elevation to species of something that is a split		N
=	Conyza canadensis var. pusilla	Erigeron pusillus	genus change	elevation to species of something that is a split		N
<	Corallorhiza maculata	Corallorhiza maculata var. maculata	addition spp or var so we have multiple in the species			N
=	Cornus alternifolia	Swida alternifolia	genus change			N
=	Cornus amomum ssp. amomum	Swida amomum	genus change	elevation to species of something that is a split		N

Name Changes

Rel.	Plants of Pennsylvania Name	FSUS Name	kind of name change	kind of name change 2	State Rank	Nativity
=	Cornus amomum ssp. obliqua	Swida obliqua	genus change	elevation to species of something that is a split		N
=	Cornus canadensis	Chamaepericlymenum canadense	genus change			N
=	Cornus drummondii	Swida drummondii	genus change			I
=	Cornus florida	Benthamidia florida	genus change			N
=	Cornus racemosa	Swida racemosa	genus change			N
=	Cornus rugosa	Swida rugosa	genus change		S4	N
=	Cornus sericea	Swida sericea	genus change			N
=	Coronilla varia	Securigera varia	genus change			I
=	Coronopus didymus	Lepidium didymum	genus change			I
=	Corydalis aurea var. aurea	Corydalis aurea	Weakley dropped var. or ssp. and it's our only one (=)		S1	N
=	Corydalis sempervirens	Capnoides sempervirens	genus change		S4	N
<	Crataegus chrysocarpa	Crataegus margaretiae var. margaretiae	addition spp or var so we have multiple in the species			N
=	Crataegus dilatata	Crataegus coccinioides	epithet change			N
=	Crataegus holmsiana	Crataegus holmesiana	spelling			N
<	Crataegus intricata	Crataegus intricata var. intricata	addition spp or var so we have multiple in the species			N
=	Crataegus pruinosa var. pruinosa	Crataegus pruinosa var. pruinosa	addition spp or var so we have multiple in the species			N
=	Crotonopsis elliptica	Croton willdenowii	genus change		SX	N
=	Cuscuta cephalanthii	Cuscuta cephalanthi	spelling		S2	N
=	Cuscuta corylii	Cuscuta coryli	spelling		SH	N
=	Cyclachaena xanthifolia	Cyclachaena xanthiifolia	spelling			I
=	Cycloloma atriplicifolium	Dysphania atriplicifolia	genus change			I
=	Cymophyllus fraserianus	Carex fraseriana	genus change		S1	N
=	Cynoglossum boreale	Andersonglossum boreale	genus change		SH	N
=	Cynoglossum virginianum	Andersonglossum virginianum	genus change		S4	N
<	Cyperus lupulinus	Cyperus lupulinus var. lupulinus	addition spp or var so we have multiple in the species			N
=	Cyperus odoratus	Cyperus odoratus var. odoratus	Weakley added var. or ssp. and it's our only one (=)		S4	N
=	Cyperus tenuifolius	Cyperus hortensis	epithet change		SH	N
<	Daucus carota	Daucus carota ssp. carota	addition spp or var so we have multiple in the species			I
=	Dennstaedtia punctilobula	Sitobolium punctilobulum	genus change			N
=	Deschampsia flexuosa	Avenella flexuosa	genus change			N

Name Changes

Rel.	Plants of Pennsylvania Name	FSUS Name	kind of name change	kind of name change 2	State Rank	Nativity
=	Desmodium glutinosum	Hylodesmum glutinosum	genus change			N
=	Desmodium humifusum	Desmodium ×humifusum	adding hybrid symbol			N
=	Desmodium nudiflorum	Hylodesmum nudiflorum	genus change			N
<	Deutzia scabra	Deutzia crenata var. crenata	epithet change			I
<	Dichanthelium dichotomum	Dichanthelium dichotomum var. dichotomum	addition spp or var so we have multiple in the species			N
=	Digitaria cognatum	Leptoloma cognatum	genus change			N
=	Diodia teres	Hexasepalum teres	genus change			N
=	Dioscorea batatas	Dioscorea polystachya	epithet change			I
=	Diphasiastrum digitatum × tristachyum	Diphasiastrum ×habereri	change of hybrid epithet			N
=	Diplazium pycnocarpon	Diplaziopsis pycnocarpa	genus change			N
=	Dipsacus sylvestris	Dipsacus fullonum	epithet change			I
=	Disporum lanuginosum	Prosartes lanuginosa	genus change			N
<	Dodecatheon meadia	Primula meadia	genus change		S1	N
=	Draba reptans	Tomostima reptans	genus change		SH	N
=	Dryopteris goldiana	Dryopteris goldieana	spelling		S4	N
=	Duchesnea indica	Potentilla indica	genus change			I
=	Echinochloa colona	Echinochloa colonum	spelling			I
=	Echinochloa crusgalli var. frumentacea	Echinochloa frumentacea	elevation to species of something that is a split			I
=	Echinochloa muricata	Echinochloa muricata var. muricata	addition spp or var so we have multiple in the species			N
=	Eleocharis tenuis var. verrucosa	Eleocharis verrucosa	elevation to species of something that is a split		S1	N
=	Elymus canadensis var. wiegandii	Elymus wiegandii	elevation to species of something that is a split			N
<	Elymus hystrix	Elymus hystrix var. hystrix	addition spp or var so we have multiple in the species			N
<	Elymus trachycaulus	Elymus trachycaulus ssp. trachycaulus	addition spp or var so we have multiple in the species		S3	N
=	Epilobium strictum	Epilobium densum	epithet change		S3	N
=	Equisetum ×ferrissii	Equisetum ferrissii	dropping hybrid symbol			N
=	Equisetum hyemale var. affine	Equisetum praealtum	epithet change			N
=	Erechtites hieraciifolia	Erechtites hieraciifolius				N
=	Erechtites hieraciifolia var. hieraciifolia	Erechtites hieraciifolius	spelling	Weakley dropped var. or ssp. and it's our only one (=		
=	Eruca vesicaria	Eruca vesicaria ssp. sativa	Weakley added var. or ssp. and it's our only one (=)			I

Name Changes

Rel.	Plants of Pennsylvania Name	FSUS Name	kind of name change	kind of name change 2	State Rank	Nativity
=	Eupatorium hyssopifolium var. hyssopifolium	Eupatorium hyssopifolium	Weakley dropped var. or ssp. and it's our only one (=)			N
=	Eupatorium rotundifolium var. ovatum	Eupatorium pubescens	elevation to species of something that is a split		S1	N
=	Eupatorium rotundifolium var. rotundifolium	Eupatorium rotundifolium	elevation to species of something that is a split			N
<	Eupatorium sessilifolium	Eupatorium sessilifolium var. sessilifolium	addition spp or var so we have multiple in the species			N
<	Fagus grandifolia	Fagus grandifolia var. grandifolia	addition spp or var so we have multiple in the species			N
=	Fallopia cilinodis	Parogonum ciliinode	genus change			N
=	Fallopia dumentorum	Fallopia dumetorum	spelling			I
=	Fallopia japonica	Reynoutria japonica var. japonica	genus change			I
=	Fallopia sachalinensis	Reynoutria sachalinensis	genus change			I
=	Filago vulgaris	Filago germanica	epithet change			I
=	Fimbristylis puberula var. puberula	Fimbristylis puberula	Weakley dropped var. or ssp. and it's our only one (=)		SX	N
=	Fragaria vesca ssp. americana	Fragaria americana	elevation to species of something that is a split			N
=	Fragaria vesca ssp. vesca	Fragaria vesca	elevation to species of something that is a split			I
=	Fraxinus americana var. biltmoreana	Fraxinus biltmoreana	elevation to species of something that is a split			N
=	Galium verum var. verum	Galium verum	elevation to species of something that is a split			I
=	Galium verum var. wirtgenii	Galium wirtgenii	elevation to species of something that is a split			I
=	Gamochaeta purpurea var. purpurea	Gamochaeta purpurea	elevation to species of something that is a split			N
=	Gaura biennis	Oenothera gaura	genus change			N
=	Gentiana catesbaei	Gentiana catesbyi	spelling		SX	N
=	Glyceria canadensis × grandis	Glyceria laxa	dropping hybrid symbol			hybrid
=	Gratiola aurea	Gratiola lutea	epithet change		S1	N
=	Hedeoma hispidum	Hedeoma hispida	spelling			I
=	Helenium amarum var. amarum	Helenium amarum	Weakley dropped var. or ssp. and it's our only one (=)			I
=	Helianthemum bicknellii	Crocianthemum bicknellii	genus change		S2	N
=	Helianthemum canadense	Crocianthemum canadense	genus change			N
=	Helianthemum propinquum	Crocianthemum propinquum	genus change			N
=	Helianthus maximiliani	Helianthus maximilianii	spelling			I
=	Helianthus petiolaris var. petiolaris	Helianthus petiolaris ssp. petiolaris	change of var. to ssp. or ssp. to var.			I

Name Changes

Rel.	Plants of Pennsylvania Name	FSUS Name	kind of name change	kind of name change 2	State Rank	Nativity
=	Heracleum lanatum	Heracleum maximum	epithet change		S4	N
=	Hieracium aurantiacum	Pilosella aurantiaca	genus change			I
=	Hieracium caespitosum	Pilosella caespitosa	genus change			I
=	Hieracium flagellare	Pilosella flagellaris	genus change			I
=	Hieracium pilosella	Pilosella officinarum	genus change			I
=	Hieracium piloselloides	Pilosella piloselloides	genus change			I
<	Hordeum murinum	Hordeum murinum ssp. murinum	addition spp or var so we have multiple in the species			I
<	Houstonia longifolia	Houstonia longifolia var. longifolia	addition spp or var so we have multiple in the species			N
=	Houstonia purpurea var. purpurea	Houstonia purpurea	Weakley dropped var. or ssp. and it's our only one (=)		S1S2	N
=	Humulus japonicus	Humulus scandens	epithet change			I
=	Humulus lupulus var. lupuloides	Humulus americanus	elevation to species of something that is a split			N
=	Humulus lupulus var. lupulus	Humulus lupulus	elevation to species of something that is a split			I
=	Humulus lupulus var. pubescens	Humulus pubescens	elevation to species of something that is a split			N?/I
=	Hybanthus concolor	Cubelium concolor	genus change			N
=	Juncus arcticus var. littoralis	Juncus balticus var. littoralis	epithet change		S2	N
=	Juncus brevicaudatus	Juncus tweedyi	epithet change			N
=	Juncus effusus var. pylaei	Juncus pylaei	elevation to species of something that is a split			N
=	Juncus effusus var. solutus	Juncus effusus ssp. solutus	elevation to species of something that is a split			N
=	Juncus gerardii	Juncus gerardi	spelling			N
=	Kochia scoparia	Bassia scoparia	genus change			I
=	Lamiastrum galeobdolon	Lamium galeobdolon	genus change			I
>	Lathyrus japonicus var. glaber	Lathyrus japonicus var. maritimus	variety or ssp. name change			N
=	Lechea villosa	Lechea mucronata	epithet change		S3S4	N
=	Leonurus marrubiastrum	Chaiturus marrubiastrum	genus change			I
=	Leonurus sibiricus	Leonurus japonicus	epithet change			I
=	Lespedeza intermedia	Lespedeza violacea	epithet change			N
=	Lespedeza violacea	Lespedeza frutescens	epithet change			N
=	Leucothoe racemosa	Eubotrys racemosus	genus change		S3	N
=	Liatris spicata var. spicata	Liatris spicata	Weakley dropped var. or ssp. and it's our only one (=)			N
=	Ligustrum amurense	Ligustrum obtusifolium var. suave	demotion to variety or spp			I

Name Changes

Rel.	Plants of Pennsylvania Name	FSUS Name	kind of name change	kind of name change 2	State Rank	Nativity
=	Ligustrum obtusifolium	Ligustrum obtusifolium var. obtusifolium	demotion to variety or spp			I
=	Linaria genistifolia ssp. dalmatica	Linaria dalmatica ssp. dalmatica	epithet change			I
=	Lindernia dubia var. anagallidea	Lindernia anagallidea	elevation to species of something that is a split			N
=	Lipocarpa micrantha	Cyperus subsquarrosus	genus change		S1	N
=	Listera australis	Neottia bifolia	genus change		S1	N
=	Listera cordata var. cordata	Neottia cordata	genus change	Weakley dropped var. or ssp. and it's our only one (=)	S1	N
=	Listera smallii	Neottia smallii	genus change		S1	N
=	Ludwigia peploides ssp. glabrescens	Ludwigia peploides var. glabrescens	change of var. to ssp. or ssp. to var.			I
<	Luzula acuminata	Luzula acuminata var. acuminata	addition spp or var so we have multiple in the species			N
=	Lycopodiella alopecuroides × appressa	Lycopodiella ×copelandii	change of hybrid epithet			hybrid
=	Lycopodiella margueritae	Lycopodiella margueriteae	spelling		S1	N
=	Lycopodium ×brucei	Lycopodiella ×brucei	genus change			hybrid
=	Lycopodium annotinum	Spinulum annotinum	genus change			N
=	Lycopodium dendroideum	Dendrolycopodium dendroideum	genus change			N
=	Lycopodium hickeyi	Dendrolycopodium hickeyi	genus change			N
=	Lycopodium obscurum	Dendrolycopodium obscurum	genus change			N
=	Lysimachia ciliata	Steironema ciliatum	genus change			N
=	Lysimachia hybrida	Steironema hybridum	genus change		S1	N
=	Lysimachia lanceolata	Steironema lanceolatum	genus change		S4	N
=	Lysimachia quadriflora	Steironema quadriflorum	genus change		SX	N
=	Magnolia soulangeana	Magnolia ×soulangeana	adding hybrid symbol			I
=	Malaxis monophyllos var. brachypoda	Malaxis brachypoda	elevation to species of something that isn't a split (our only one)		S1	N
=	Malus pumila	Malus domestica	epithet change			I
=	Malva rotundifolia	Malva pusilla	epithet change			I
=	Melilotus alba	Melilotus albus	spelling			I
=	Mentha ×piperata	Mentha ×piperita var. piperita	Weakley added var. or ssp. and it's our only one (=)			I
=	Menziesia pilosa	Rhododendron pilosum	genus change		S3	N
=	Micranthemum micranthemoides	Hemianthus micranthemoides	genus change		SX	N
=	Mimulus guttatus	Erythranthe guttata	genus change			I
=	Mimulus moschatus	Erythranthe moschata	genus change			N

Name Changes

Rel.	Plants of Pennsylvania Name	FSUS Name	kind of name change	kind of name change 2	State Rank	Nativity
=	Minuartia glabra	Geocarpon glabrum	genus change		S2	N
=	Minuartia michauxii	Sabulina michauxii	genus change		S2	N
=	Minuartia patula	Sabulina patula	genus change			N?
<	Monarda fistulosa	Monarda fistulosa var. fistulosa	addition spp or var so we have multiple in the species			N
<	Monotropa hypopithys	Hypopitys lanuginosa	genus change	epithet change		N
=	Myosoton aquaticum	Stellaria aquatica	genus change			I
<	Nymphaea odorata	Nymphaea odorata ssp. odorata	addition spp or var so we have multiple in the species			N
=	Onosmodium molle var. hispidissimum	Lithospermum parviflorum	genus change	elevation to species of something that isn't a split (our only one)	S1	N
=	Onosmodium virginianum	Lithospermum virginianum	genus change		SH	N
=	Ophioglossum vulgatum var. pycnostichum	Ophioglossum pycnostichum	elevation to species of something that isn't a split (our only one)			S4 N
=	Osmunda cinnamomea	Osmundastrum cinnamomeum	genus change			N
=	Osmunda claytoniana	Claytasmunda claytoniana	genus change			N
=	Osmunda regalis var. spectabilis	Osmunda spectabilis	elevation to species of something that isn't a split (our only one)			N
<	Packera plattensis	Packera paupercula var. appalachiana	demotion to variety or spp			N
=	Panax trifolius	Nanopanax trifolius	genus change			N
=	Panicum amarum var. amarulum	Panicum amarulum	elevation to species of something that is a split			N
=	Panicum amarum var. amarum	Panicum amarum	elevation to species of something that is a split			I
=	Panicum gattingeri	Panicum philadelphicum ssp. gattingeri	elevation to species of something that isn't a split (our only one)			N
=	Panicum stipitatum	Coleataenia pulchra	genus change			N
=	Panicum verrucosum	Kellochloa verrucosa	genus change			N
=	Papaver argemone	Roemeria argemone	genus change			I
=	Paronychia fastigiata var. pumila	Paronychia montana	elevation to species of something that isn't a split (our only one)			N
=	Paspalum floridanum var. glabratum	Paspalum floridanum	Weakley dropped var. or ssp. and it's our only one (=)			N
<	Paspalum laeve	Paspalum laeve var. laeve	addition spp or var so we have multiple in the species			N
=	Pellaea glabella var. glabella	Pellaea glabella ssp. glabella	change of var. to ssp. or ssp. to var.			N
=	Petunia xhybrida	Petunia xatkinsiana	change of hybrid epithet			I
=	Peucedanum ostruthium	Imperatoria ostruthium	genus change			I
=	Phlox divaricata	Phlox divaricata var. divaricata				N
=	Phlox divaricata ssp. divaricata	Phlox divaricata var. divaricata	change of var. to ssp. or ssp. to var.			N

Name Changes

Rel.	Plants of Pennsylvania Name	FSUS Name	kind of name change	kind of name change 2	State Rank	Nativity
<	Phlox maculata	Phlox maculata ssp. maculata	addition spp or var so we have multiple in the species			N
=	Photinia floribunda	Aronia prunifolia	genus change			N
=	Photinia melanocarpa	Aronia melanocarpa	genus change			N
=	Photinia pyrifolia	Aronia arbutifolia	genus change			N
=	Photinia villosa	Pourthiaea villosa	genus change			I
=	Phragmites australis ssp. americanus	Phragmites americanus	elevation to species of something that is a split		S1	N
=	Phragmites australis ssp. australis	Phragmites australis	elevation to species of something that is a split			I
=	Physalis alkekengi	Alkekengi officinarum	genus change			I
=	Physalis subglabrata	Physalis longifolia var. subglabrata	elevation to species of something that isn't a split (our only one)			N
=	Piptatherum pungens	Piptatheropsis pungens	genus change		S2	N
=	Piptatherum racemosus	Patis racemosa	genus change			N
=	Plantago psyllium	Plantago indica	epithet change			I
=	Platanthera blephariglottis var. blephariglottis	Platanthera blephariglottis	Weakley dropped var. or ssp. and it's our only one (=)		S2	N
=	Platanus xacerifolia	Platanus xhispanica	change of hybrid epithet			I
<	Poa bulbosa	Poa bulbosa var. bulbosa	addition spp or var so we have multiple in the species			I
<	Poa pratensis	Poa pratensis ssp. pratensis	addition spp or var so we have multiple in the species			I
=	Polemonium van-bruntiae	Polemonium vanbruntiae	spelling		S1	N
=	Polygala paucifolia	Polygaloides paucifolia	genus change			N
=	Polygala verticillata var. ambigua	Polygala ambigua	elevation to species of something that is a split			N
=	Polygonum ramosissimum ssp. prolificum	Polygonum prolificum	elevation to species of something that is a split		S1S2	N
=	Polygonum ramosissimum ssp. ramosissimum	Polygonum ramosissimum	elevation to species of something that is a split			N
=	Polygonum tenue	Duravia species 2	genus change			N
=	Poncirus trifoliata	Citrus trifoliata	genus change			I
<	Populus deltoides	Populus deltoides ssp. deltoides	addition spp or var so we have multiple in the species			N
=	Potamogeton filiformis var. borealis	Stuckenia filiformis var. alpina	genus change		SH	N
=	Potamogeton pectinatus	Stuckenia pectinata	genus change			N
=	Potentilla arguta	Drymocallis arguta	genus change			N
=	Potentilla palustris	Comarum palustre	genus change			N
=	Potentilla tridentata	Sibbaldiopsis tridentata	genus change		S1	N
=	Prenanthes alba	Nabalus albus	genus change			N

Name Changes

Rel.	Plants of Pennsylvania Name	FSUS Name	kind of name change	kind of name change 2	State Rank	Nativity
=	<i>Prenanthes altissima</i>	<i>Nabalus altissimus</i>	genus change			N
=	<i>Prenanthes crepidinea</i>	<i>Nabalus crepidineus</i>	genus change		S4	N
=	<i>Prenanthes racemosa</i>	<i>Nabalus racemosus</i>	genus change		SH	N
=	<i>Prenanthes serpentaria</i>	<i>Nabalus serpentaria</i>	genus change		S3	N
=	<i>Prenanthes trifoliolata</i>	<i>Nabalus trifoliolatus</i>	genus change			N
=	<i>Prunella vulgaris</i> ssp. <i>lanceolata</i>	<i>Prunella vulgaris</i> var. <i>lanceolata</i>	change of var. to ssp. or ssp. to var.			N
=	<i>Prunella vulgaris</i> ssp. <i>vulgaris</i>	<i>Prunella vulgaris</i> var. <i>vulgaris</i>	change of var. to ssp. or ssp. to var.			I
=	<i>Prunus pumila</i> var. <i>susquehanae</i>	<i>Prunus susquehanae</i>	elevation to species of something that is a split		S2	N
=	<i>Pueraria lobata</i>	<i>Pueraria montana</i> var. <i>lobata</i>	demotion to variety or spp			I
=	<i>Pycnanthemum torrei</i>	<i>Pycnanthemum torreyi</i>	spelling		S1	N
=	<i>Pycnanthemum verticillatum</i> var. <i>pilosum</i>	<i>Pycnanthemum pilosum</i>	elevation to species of something that is a split		SH	N
=	<i>Pycnanthemum verticillatum</i> var. <i>verticillatum</i>	<i>Pycnanthemum verticillatum</i>	elevation to species of something that is a split			N
=	<i>Quercus muhlenbergii</i>	<i>Quercus muehlenbergii</i>	spelling		S4	N
<	<i>Quercus rubra</i>	<i>Quercus rubra</i> var. <i>rubra</i>	addition spp or var so we have multiple in the species			N
<	<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	<i>Ranunculus longirostris</i>	elevation to species of something that is a split		S3	N
=	<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	<i>Ranunculus trichophyllus</i>	elevation to species of something that is a split		S3	N
<	<i>Ranunculus ficaria</i>	<i>Ficaria verna</i> ssp. <i>verna</i>	genus change	addition spp or var so we have multiple in the species		
=	<i>Ranunculus hispidus</i> var. <i>caricetorum</i>	<i>Ranunculus caricetorum</i>	elevation to species of something that is a split			N
=	<i>Ranunculus hispidus</i> var. <i>hispidus</i>	<i>Ranunculus hispidus</i>	elevation to species of something that is a split			N
=	<i>Ranunculus hispidus</i> var. <i>nitidus</i>	<i>Ranunculus septentrionalis</i>	elevation to species of something that is a split			N
=	<i>Rhamnus alnifolia</i>	<i>Endotropis alnifolia</i>	genus change		S4	N
=	<i>Rhamnus frangula</i>	<i>Frangula alnus</i>	genus change			I
=	<i>Rhamnus lanceolata</i>	<i>Endotropis lanceolata</i>	genus change		S1	N
=	<i>Rhus copallina</i>	<i>Rhus copallinum</i>	spelling			N
=	<i>Rhynchospora recognita</i>	<i>Rhynchospora cymosa</i>	epithet change		S1	N
=	<i>Ribes odoratum</i>	<i>Ribes aureum</i> var. <i>villosum</i>	demotion to variety or spp			I
<	<i>Rorippa palustris</i>	<i>Rorippa palustris</i> ssp. <i>palustris</i>	addition spp or var so we have multiple in the species			N
<	<i>Rosa carolina</i>	<i>Rosa carolina</i> ssp. <i>carolina</i>	addition spp or var so we have multiple in the species			N
=	<i>Rosa eglanteria</i>	<i>Rosa rubiginosa</i> var. <i>rubiginosa</i>	demotion to variety or spp			I
=	<i>Rosa micrantha</i>	<i>Rosa rubiginosa</i> var. <i>nemorialis</i>	demotion to variety or spp			I

Name Changes

Rel.	Plants of Pennsylvania Name	FSUS Name	kind of name change	kind of name change 2	State Rank	Nativity
=	Rubus allegheniensis	Rubus allegheniensis var. allegheniensis	addition spp or var so we have multiple in the species			N
=	Rubus discolor	Rubus pascuus	epithet change			I
=	Rubus odoratus	Rubacer odoratum	genus change			N
=	Rudbeckia fulgida var. fulgida	Rudbeckia fulgida	elevation to species of something that is a split		S3	N
=	Rudbeckia fulgida var. speciosa	Rudbeckia speciosa	elevation to species of something that is a split		S3?	N
=	Rumex acetosa	Acetosa pratensis	genus change			I
=	Rumex acetosella	Acetosa acetosella	genus change			I
=	Rumex hastatulus	Acetosa hastatula	genus change		SX	N
=	Saccharum giganteum	Erianthus giganteus	genus change		SX	N
=	Sagittaria graminea var. graminea	Sagittaria graminea	Weakley dropped var. or ssp. and it's our only one (=)			N
=	Salix humilis var. humilis	Salix humilis	elevation to species of something that is a split			N
=	Salix humilis var. tristis	Salix occidentalis	elevation to species of something that is a split			N
=	Salix lucida ssp. lucida	Salix lucida	Weakley dropped var. or ssp. and it's our only one (=)			N
=	Saxifraga micranthidifolia	Micranthes micranthidifolia	genus change		S4	N
=	Saxifraga virginensis	Micranthes virginensis	genus change			N
=	Schedonorus arundinaceus	Lolium arundinaceum	genus change			I
=	Schedonorus pratensis	Lolium pratense	genus change			I
=	Schizachyrium scoparium var. littorale	Schizachyrium littorale	elevation to species of something that is a split		S1	N
=	Schoenoplectus acutus	Schoenoplectus acutus var. acutus	Weakley added var. or ssp. and it's our only one (=)		S2	N
=	Schoenoplectus fluviatilis	Bolboschoenus fluviatilis	genus change		S3	N
=	Schoenoplectus mucronatus	Schoenoplectiella mucronata	genus change			I
=	Schoenoplectus purshianus var. purshianus	Schoenoplectiella purshiana var. purshiana	genus change			N
=	Schoenoplectus smithii var. smithii	Schoenoplectiella smithii var. smithii	genus change			N
<	Scleria pauciflora	Scleria pauciflora var. pauciflora	addition spp or var so we have multiple in the species		S2	N
=	Sedum kamtschaticum ssp. ellacombianum	Aizopsis ellacombeana ssp. ellacombeana	genus change			I
=	Sedum spurium	Phedimus spurius	genus change			I
=	Sedum telephioides	Hylotelephium telephioides	genus change		S3	N
=	Sedum telephium	Hylotelephium telephium	genus change			I
=	Selaginella rupestris	Bryodesma rupestre	genus change			N

Name Changes

Rel.	Plants of Pennsylvania Name	FSUS Name	kind of name change	kind of name change 2	State Rank	Nativity
=	Sesamum orientale	Sesamum indicum ssp. indicum	epithet change			I
=	Sherardia arvensis	Galium sherardia	genus change			I
=	Sida hermaphrodita	Ripariosida hermaphrodita	genus change		S2	N
=	Silene armeria	Atocion armeria	genus change			I
=	Silene caroliniana ssp. pensylvanica	Silene caroliniana var. pensylvanica	change of var. to ssp. or ssp. to var.			N
=	Silene flos-cuculi	Silene flos-cuculi ssp. flos-cuculi	Weakley added var. or ssp. and it's our only one (=)			I
=	Silphium perfoliatum var. perfoliatum	Silphium perfoliatum	Weakley dropped var. or ssp. and it's our only one (=)		S4	N/I
=	Sinapis arvensis	Rhamphospermum arvense	genus change			I
=	Smallanthus uvedalius	Smallanthus uvedalia	spelling		S4	N
=	Solidago arguta var. arguta	Solidago arguta	elevation to species of something that is a split			N
=	Solidago arguta var. harrisii	Solidago harrisii	elevation to species of something that is a split		S1	N
=	Solidago odora ssp. odora	Solidago odora	Weakley dropped var. or ssp. and it's our only one (=)			N
=	Solidago patula ssp. patula	Solidago patula	Weakley dropped var. or ssp. and it's our only one (=)			N
=	Solidago rugosa ssp. aspera var. aspera	Solidago rugosa var. aspera	Weakley dropped var. or ssp. and it's our only one (=)			N
=	Solidago rugosa ssp. rugosa var. rugosa	Solidago rugosa var. rugosa	Weakley dropped var. or ssp. and it's our only one (=)			N
=	Solidago simplex ssp. randii var. racemosa	Solidago racemosa	elevation to species of something that is a split		S1	N
<	Solidago simplex ssp. randii var. racemosa	Solidago randii	elevation to species of something that is a split			N
<	Solidago uliginosa	Solidago uliginosa var. uliginosa	addition spp or var so we have multiple in the species		S2	N
=	Sonchus arvensis ssp. arvensis	Sonchus arvensis var. arvensis	change of var. to ssp. or ssp. to var.			I
=	Sonchus arvensis ssp. uliginosus	Sonchus arvensis var. glabrescens	change of var. to ssp. or ssp. to var.			I
=	Sophora japonica	Styphnolobium japonicum	genus change			I
=	Sorghum bicolor ssp. xdrummondii	Sorghum bicolor ssp. drummondii	dropping hybrid symbol			I
=	Spergularia salina	Spergularia marina	epithet change			I
=	Sphenopholis obtusata x pensylvanica	Sphenopholis xpallens	change of hybrid epithet			N
=	Sphenopholis obtusata var. major	Sphenopholis intermedia	elevation to species of something that is a split			N
=	Sphenopholis obtusata var. obtusata	Sphenopholis obtusata	elevation to species of something that is a split			N
=	Spiraea betulifolia var. corymbosa	Spiraea corymbosa	elevation to species of something that isn't a split (our only one)		S1	N

Name Changes

Rel.	Plants of Pennsylvania Name	FSUS Name	kind of name change	kind of name change 2	State Rank	Nativity
=	Stachys hyssopifolia var. ambigua	Stachys aspera	elevation to species of something that is a split			N
=	Stellaria holostea	Rabelera holostea	genus change			I
<	Stenanthium gramineum	Stenanthium gramineum var. gramineum	addition spp or var so we have multiple in the species		S4	N
=	Swertia caroliniensis	Frasera caroliniensis	genus change		S1	N
=	Symphyotrichum laeve var. concinnum	Symphyotrichum concinnum	elevation to species of something that is a split		S2	N
=	Symphyotrichum laeve var. laeve	Symphyotrichum laeve	elevation to species of something that is a split			N
<	Symphyotrichum racemosum	Symphyotrichum racemosum var. racemosum	addition spp or var so we have multiple in the species		S3S4	N
=	Teucrium canadense var. boreale	Teucrium canadense var. occidentale	variety or ssp. name change			?
>	Teucrium canadense var. virginicum	Teucrium canadense var. canadense	variety or ssp. name change			N
=	Thaspium trifoliatum var. flavum	Thaspium trifoliatum var. aureum	variety or ssp. name change			N
=	Thelypteris noveboracensis	Amauropelta noveboracensis	genus change			N
=	Thelypteris simulata	Coryphopteris simulata	genus change			N
=	Thlaspi alliaceum	Mummenhoffia alliacea	genus change			I
=	Thlaspi perfoliatum	Noccaea perfoliata	genus change			I
=	Torreyochloa pallida var. fernaldii	Torreyochloa fernaldii	elevation to species of something that is a split			N
=	Torreyochloa pallida var. pallida	Torreyochloa pallida	elevation to species of something that is a split			N
<	Toxicodendron radicans	Toxicodendron radicans var. radicans	addition spp or var so we have multiple in the species			N
=	Trichomanes intricatum	Crepidomanes intricatum	genus change			N
=	Triglochin palustre	Triglochin palustris	spelling		S1	N
=	Trillium undulatum	Trillidium undulatum	genus change			N
=	Triodanis perfoliata var. biflora	Triodanis biflora	elevation to species of something that is a split			I
=	Triodanis perfoliata var. perfoliata	Triodanis perfoliata	elevation to species of something that is a split			N
<	Triosteum angustifolium	Triosteum angustifolium var. angustifolium	addition spp or var so we have multiple in the species		S1	N
<	Triosteum aurantiacum	Triosteum aurantiacum var. aurantiacum	addition spp or var so we have multiple in the species			N
=	Typha xglauca	Typha angustifolia x latifolia	change of hybrid epithet			N

Name Changes

Rel.	Plants of Pennsylvania Name	FSUS Name	kind of name change	kind of name change 2	State Rank	Nativity
=	<i>Urtica dioica</i> ssp. <i>gracilis</i>	<i>Urtica gracilis</i> ssp. <i>gracilis</i>	elevation to species of something that isn't a split (our only one)			N
=	<i>Uvularia pudica</i>	<i>Uvularia puberula</i>	spelling		S3	N
=	<i>Vaccaria hispanica</i>	<i>Gypsophila vaccaria</i>	genus change			I
=	<i>Veratrum latifolium</i>	<i>Melanthium hybridum</i>	genus change			N
=	<i>Veratrum virginicum</i>	<i>Melanthium virginicum</i>	genus change		S1	N
=	<i>Verbena canadensis</i>	<i>Glandularia canadensis</i>	genus change			I
=	<i>Veronica peregrina</i> ssp. <i>peregrina</i>	<i>Veronica peregrina</i> var. <i>peregrina</i>	change of var. to ssp. or ssp. to var.			N
=	<i>Veronica peregrina</i> ssp. <i>xalapensis</i>	<i>Veronica peregrina</i> var. <i>xalapensis</i>	change of var. to ssp. or ssp. to var.			I?
=	<i>Viburnum rafinesquianum</i>	<i>Viburnum rafinesqueanum</i>	spelling			N
=	<i>Viola bicolor</i>	<i>Viola rafinesquei</i>	epithet change			N
=	<i>Viola lanceolata</i> var. <i>lanceolata</i>	<i>Viola lanceolata</i>	Weakley dropped var. or ssp. and it's our only one (=)			N
=	<i>Viola macloskeyi</i> ssp. <i>pallens</i>	<i>Viola minuscula</i>	elevation to species of something that isn't a split (our only one)			N
=	<i>Viola palmata</i>	<i>Viola palmata</i> var. <i>palmata</i>	Weakley added var. or ssp. and it's our only one (=)			N
<	<i>Viola pedata</i>	<i>Viola pedata</i> var. <i>cuneatiloba</i>	addition spp or var so we have multiple in the species			N
=	<i>Viola pedata</i>	<i>Viola pedata</i> var. <i>pedata</i>	addition spp or var so we have multiple in the species			N
=	<i>Viola pubescens</i> var. <i>pubescens</i>	<i>Viola pubescens</i>	elevation to species of something that is a split			N
=	<i>Viola pubescens</i> var. <i>scabriuscula</i>	<i>Viola eriocarpa</i>	elevation to species of something that is a split			N
=	<i>Viola sagittata</i> var. <i>ovata</i>	<i>Viola fimbriatula</i>	elevation to species of something that is a split			N
=	<i>Viola sagittata</i> var. <i>sagittata</i>	<i>Viola sagittata</i>	elevation to species of something that is a split			N
>	<i>Viola sororia</i>	<i>Viola sororia</i> var. <i>sororia</i>	addition spp or var so we have multiple in the species			N
=	<i>Viola subsinuata</i>	<i>Viola subsinuata</i> var. <i>subsinuata</i>	Weakley added var. or ssp. and it's our only one (=)			N
=	<i>Viola tripartita</i> var. <i>glaberrima</i>	<i>Viola glaberrima</i>	elevation to species of something that isn't a split (our only one)		S1	N
=	<i>Vitis xlabruscana</i>	<i>Vitis xalexanderi</i>	change of hybrid epithet			I
<	<i>Vitis aestivalis</i>	<i>Vitis aestivalis</i> var. <i>aestivalis</i>	addition spp or var so we have multiple in the species			N
=	<i>Vitis cinerea</i> var. <i>baileyana</i>	<i>Vitis baileyana</i>	elevation to species of something that isn't a split (our only one)		S1	N
=	<i>Vulpia myuros</i>	<i>Festuca myuros</i>	genus change			I
	<i>Vulpia octoflora</i>	<i>Festuca octoflora</i>	genus change			
<	<i>Vulpia octoflora</i>	<i>Festuca octoflora</i> var. <i>octoflora</i>	addition spp or var so we have multiple in the species	genus change		N
=	<i>Vulpia octoflora</i> var. <i>glauca</i>	<i>Festuca octoflora</i> var. <i>tenella</i>	genus change	variety name change		N
=	<i>Woodwardia areolata</i>	<i>Lorinseria areolata</i>	genus change		S3	N

Name Changes

Rel.	Plants of Pennsylvania Name	FSUS Name	kind of name change	kind of name change 2	State Rank	Nativity
=	Woodwardia virginica	Anchistea virginica	genus change		S4	N
=	Zigadenus glaucus	Anticlea glauca	genus change		S1	N

Split taxa: new species, subspecies, and varieties (166 taxa)

Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	new taxon
<	<i>Acer rubrum</i>	<i>Acer rubrum</i> var. <i>trilobum</i>		N	var
<	<i>Acer saccharum</i>	<i>Acer saccharum</i> var. <i>schneckii</i>		N	var
<	<i>Agalinis paupercula</i>	<i>Agalinis paupercula</i> var. <i>borealis</i>		N	var
<	<i>Allium tricoccum</i>	<i>Allium burdickii</i>		N	species (split)
<	<i>Amaranthus blitum</i>	<i>Amaranthus blitum</i> ssp. <i>emarginatus</i>		I	ssp
<	<i>Amaranthus blitum</i>	<i>Amaranthus blitum</i> ssp. <i>pseudogracilis</i>		I	ssp
<	<i>Amelanchier canadensis</i>	<i>Amelanchier intermedia</i>		N	species (split)
<	<i>Amphicarpa bracteata</i>	<i>Amphicarpaea bracteata</i> var. <i>comosa</i>		N	var
<	<i>Antennaria howellii</i>	<i>Antennaria howellii</i> ssp. <i>canadensis</i>		N	var
<	<i>Antennaria howellii</i>	<i>Antennaria howellii</i> ssp. <i>neodioica</i>		N	var
<	<i>Antennaria howellii</i>	<i>Antennaria howellii</i> ssp. <i>petaloidea</i>		N	var
<	<i>Antennaria parlinii</i>	<i>Antennaria parlinii</i> ssp. <i>fallax</i>		N	var
<	<i>Apocynum cannabinum</i>	<i>Apocynum sibiricum</i>		N	species (split)
<	<i>Arisaema triphyllum</i> ssp. <i>triphyllum</i>	<i>Arisaema</i> species 2		N	species (split)
<	<i>Artemisia vulgaris</i>	<i>Artemisia verlotiorum</i>		I	species (split)
<	<i>Asarum canadense</i>	<i>Asarum reflexum</i>		N	species (split)
<	<i>Asclepias tuberosa</i>	<i>Asclepias tuberosa</i> var. <i>cordata</i>		N	var
<	<i>Betula papyrifera</i>	<i>Betula cordifolia</i>	S4	N	species (split)
<	<i>Boltonia asteroides</i>	<i>Boltonia montana</i>		N	species (split)
<	<i>Botrychium simplex</i>	<i>Botrychium tenebrosum</i>		N (some concern this shouldn't be recognized)	species (split)
<	<i>Bromus pubescens</i>	<i>Bromus nottowanus</i>	S2S4	N	species (split)
<	<i>Calystegia sepium</i>	<i>Convolvulus americanus</i>		N	species (split)
<	<i>Calystegia sepium</i>	<i>Convolvulus</i> species 2 [= <i>Calystegia sepium</i> ssp. <i>appalachianus</i>]		N	species (split)
<	<i>Calystegia sepium</i>	<i>Convolvulus</i> species 3 [= <i>Calystegia sepium</i> ssp. <i>erratica</i>]		N	species (split)
<	<i>Calystegia sepium</i>	<i>Convolvulus</i> species 4 [= <i>Calystegia sepium</i> ssp. <i>angulatus</i>]		N	species (split)
<	<i>Calystegia spithamea</i>	<i>Convolvulus stans</i>	S4	N	species (split)
<	<i>Campanula aparinoides</i>	<i>Palustricodon aparinoides</i> var. <i>grandiflorus</i>		N	var
<	<i>Cardamine pratensis</i>	<i>Cardamine dentata</i>		N	species (split)
<	<i>Carex abscondita</i>	<i>Carex cumberlandensis</i>		N	species (split)

Split taxa: new species, subspecies, and varieties (166 taxa)

Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	new taxon
<	<i>Carex hirsutella</i>	<i>Carex complanata</i>		N	species (split)
<	<i>Carex intumescens</i>	<i>Carex intumescens</i> var. <i>fernaldii</i>		N	var
<	<i>Carex leptalea</i>	<i>Carex leptalea</i> var. <i>harperi</i>		N	var
<	<i>Carex muhlenbergii</i>	<i>Carex muehlenbergii</i> var. <i>enervis</i>		N	var
<	<i>Carex nigromarginata</i>	<i>Carex reznicekii</i>		N	species (split)
<	<i>Carex trisperma</i>	<i>Carex billingsii</i>		N	species (split)
<	<i>Carya glabra</i>	<i>Carya ovalis</i>		N	species (split)
<	<i>Caulophyllum thalictroides</i>	<i>Caulophyllum giganteum</i>		N	species (split)
<	<i>Chaerophyllum procumbens</i>	<i>Chaerophyllum procumbens</i> var. <i>shortii</i>		N	var
<	<i>Chenopodium berlandieri</i>	<i>Chenopodium berlandieri</i> var. <i>boscianum</i>		I	var
<	<i>Chenopodium berlandieri</i>	<i>Chenopodium berlandieri</i> var. <i>zschackei</i>		I	var
<	<i>Corallorhiza maculata</i>	<i>Corallorhiza maculata</i> var. <i>occidentalis</i>		N	var
<	<i>Crataegus chrysocarpa</i>	<i>Crataegus margaretiae</i> var. <i>brownii</i>		N	var
<	<i>Crataegus intricata</i>	<i>Crataegus intricata</i> var. <i>biltmoreana</i>		N	var
<	<i>Crataegus intricata</i>	<i>Crataegus intricata</i> var. <i>fortunata</i>		N	var
<	<i>Crataegus intricata</i>	<i>Crataegus intricata</i> var. <i>rubella</i>		N	var
<	<i>Crataegus intricata</i>	<i>Crataegus intricata</i> var. <i>straminea</i>		N	var
<	<i>Crataegus pruinosa</i>	<i>Crataegus pruinosa</i> var. <i>dissona</i>		N	var
<	<i>Crataegus pruinosa</i>	<i>Crataegus pruinosa</i> var. <i>gattingeri</i>		N	var
<	<i>Crataegus pruinosa</i>	<i>Crataegus pruinosa</i> var. <i>parvula</i>		N	var
<	<i>Crataegus pruinosa</i>	<i>Crataegus pruinosa</i> var. <i>virella</i>		N	var
<	<i>Crataegus schuettei</i>	<i>Crataegus beata</i>		N	species (split)
<	<i>Crataegus succulenta</i>	<i>Crataegus succulenta</i> var. <i>macracantha</i>		N	var
<	<i>Crataegus succulenta</i>	<i>Crataegus succulenta</i> var. <i>neofluvialis</i>		N	var
<	<i>Cyperus lupulinus</i>	<i>Cyperus lupulinus</i> var. <i>macilentus</i>		N	var
<	<i>Cypripedium parviflorum</i> var. <i>pubescens</i>	<i>Cypripedium parviflorum</i> var. <i>makasin</i>		N	var
<	<i>Daucus carota</i>	<i>Daucus carota</i> ssp. <i>sativus</i>		I	ssp
<	<i>Dichanthelium acuminatum</i>	<i>Dichanthelium acuminatum</i> var. <i>fasciculatum</i>	SH	N	var
<	<i>Dichanthelium acuminatum</i>	<i>Dichanthelium acuminatum</i> var. <i>lindheimeri</i>	SH	N	var
<	<i>Dichanthelium acuminatum</i>	<i>Dichanthelium longiligulatum</i>	SH	N	species (split)
<	<i>Dichanthelium boreale</i>	<i>Dichanthelium bicknellii</i>	S2S3	N	species (split)

Split taxa: new species, subspecies, and varieties (166 taxa)

Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	new taxon
<	<i>Dichanthelium dichotomum</i>	<i>Dichanthelium dichotomum</i> var. <i>nitidum</i>		N	var
<	<i>Dodecatheon meadia</i>	<i>Primula fassettii</i>	S2	N	species (split)
<	<i>Echinochloa muricata</i>	<i>Echinochloa muricata</i> var. <i>microstachya</i>		N	var
<	<i>Eleocharis obtusa</i>	<i>Eleocharis aestuum</i>	S1	N	species (split)
<	<i>Eleocharis obtusa</i>	<i>Eleocharis ovata</i>		N	species (split)
<	<i>Elymus hystrix</i>	<i>Elymus hystrix</i> var. <i>bigelovianus</i>		N	var
<	<i>Elymus trachycaulus</i>	<i>Elymus trachycaulus</i> ssp. <i>subsecundus</i>	S3	N	ssp
<	<i>Elymus virginicus</i>	<i>Elymus hirsutiglumis</i>		N	species (split)
<	<i>Elymus virginicus</i>	<i>Elymus jejunos</i>		N	species (split)
<	<i>Elymus virginicus</i>	<i>Elymus macgregorii</i> var. <i>hirsutispiculus</i>		N	var
<	<i>Elymus virginicus</i>	<i>Elymus macgregorii</i> var. <i>macgregorii</i>		N	species (split)
<	<i>Eupatorium album</i>	<i>Eupatorium subvenosum</i>	S1	N	species (split)
<	<i>Eupatorium hyssopifolium</i>	<i>Eupatorium torreyanum</i>		N	species (split)
<	<i>Eupatorium sessilifolium</i>	<i>Eupatorium sessilifolium</i> var. <i>brittonianum</i>		N	var
<	<i>Euthamia graminifolia</i>	<i>Euthamia floribunda</i>		N	species (split)
<	<i>Euthamia graminifolia</i>	<i>Euthamia lanceolata</i>		N	species (split)
<	<i>Fagus grandifolia</i>	<i>Fagus grandifolia</i> var. <i>caroliniana</i>		N	var
<	<i>Fraxinus americana</i> var. <i>americana</i>	<i>Fraxinus smallii</i>		N	species (split)
<	<i>Gamochaeta purpurea</i> var. <i>purpurea</i>	<i>Gamochaeta pensylvanica</i>		I	species (split)
<	<i>Gaylussacia dumosa</i>	<i>Gaylussacia bigeloviana</i>	SH	N	species (split)
<	<i>Hordeum murinum</i>	<i>Hordeum murinum</i> ssp. <i>leporinum</i>		I	ssp
<	<i>Houstonia longifolia</i>	<i>Houstonia longifolia</i> var. <i>compacta</i>		N	var
<	<i>Houstonia longifolia</i>	<i>Houstonia tenuifolia</i>		N	species (split)
<	<i>Isoetes engelmannii</i>	<i>Isoetes appalachiana</i>		N	species (split)
<	<i>Isoetes engelmannii</i>	<i>Isoetes valida</i>		N	species (split)
<	<i>Isoetes riparia</i>	<i>Isoetes septentrionalis</i>		N	species (split)
<	<i>Juncus alpinoarticulatus</i>	<i>Juncus alpinoarticulatus</i> ssp. <i>fuscescens</i>		false report	ssp
<	<i>Juncus tenuis</i> var. <i>tenuis</i>	<i>Juncus anthelatus</i>		N	species (split)
<	<i>Liatris scariosa</i>	<i>Liatris novae-angliae</i> var. <i>nieuwlandii</i>	S2	N	var
<	<i>Liatris scariosa</i>	<i>Liatris novae-angliae</i> var. <i>novae-angliae</i>	S2	N	species (split)
<	<i>Luzula acuminata</i>	<i>Luzula acuminata</i> var. <i>carolinae</i>		N	var
<	<i>Lycopodium clavatum</i>	<i>Lycopodium lagopus</i>		N	species (split)
<	<i>Monarda fistulosa</i>	<i>Monarda fistulosa</i> var. <i>mollis</i>		N	var

Split taxa: new species, subspecies, and varieties (166 taxa)

Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	new taxon
<	<i>Monarda media</i>	<i>Monarda fistulosa</i> var. <i>rubra</i>		N	var
<	<i>Monotropa hypopithys</i>	<i>Hypopitys species 3</i>		N	species (split)
<	<i>Myrica pensylvanica</i>	<i>Morella caroliniensis</i>	S4	N	species (split)
<	<i>Nymphaea odorata</i>	<i>Nymphaea odorata</i> ssp. <i>tuberosa</i>		N	ssp
<	<i>Opuntia humifusa</i>	<i>Opuntia cespitosa</i>		N	species (split)
<	<i>Oxalis dillenii</i>	<i>Oxalis florida</i>		N	species (split)
<	<i>Packera paupercula</i>	<i>Packera crawfordii</i>		N	species (split)
<	<i>Paspalum laeve</i>	<i>Paspalum laeve</i> var. <i>circulare</i>		N	var
<	<i>Persicaria amphibia</i>	<i>Persicaria amphibia</i> ssp. <i>laevimarginata</i>		N	ssp
<	<i>Persicaria amphibia</i>	<i>Persicaria coccinea</i>		N	species (split)
<	<i>Phegopteris connectilis</i>	<i>Phegopteris excelsior</i>		N	species (split)
<	<i>Phlox maculata</i>	<i>Phlox maculata</i> ssp. <i>pyramidalis</i>		N	ssp
<	<i>Platanthera grandiflora</i>	<i>Platanthera shriveri</i>		N	species (split)
<	<i>Platanthera huronensis</i>	<i>Platanthera aquilonis</i>	S1	N	species (split)
<	<i>Poa bulbosa</i>	<i>Poa bulbosa</i> var. <i>vivipara</i>		I	var
<	<i>Poa pratensis</i>	<i>Poa pratensis</i> ssp. <i>angustifolia</i>		I	ssp
<	<i>Polygonum aviculare</i>	<i>Polygonum aviculare</i> ssp. <i>depressum</i>		I	ssp
<	<i>Polygonum aviculare</i>	<i>Polygonum aviculare</i> ssp. <i>neglectum</i>		I	ssp
<	<i>Populus deltoides</i>	<i>Populus deltoides</i> ssp. <i>monilifera</i>		N	ssp
<	<i>Potamogeton perfoliatus</i>	<i>Potamogeton richardsonii</i>		N	species (split)
<	<i>Potamogeton pusillus</i>	<i>Potamogeton berchtoldii</i> ssp. <i>berchtoldii</i>		N	species (split)
<	<i>Quercus rubra</i>	<i>Quercus rubra</i> var. <i>ambigua</i>		N	var
<	<i>Ranunculus ficaria</i>	<i>Ficaria verna</i> ssp. <i>calthifolia</i>		I	ssp
<	<i>Ranunculus ficaria</i>	<i>Ficaria verna</i> ssp. <i>fertilis</i>		I	ssp
<	<i>Ranunculus ficaria</i>	<i>Ficaria verna</i> ssp. <i>ficariiformis</i>		I	ssp
<	<i>Rorippa palustris</i>	<i>Rorippa palustris</i> ssp. <i>hispida</i>		N	ssp
<	<i>Rosa carolina</i>	<i>Rosa carolina</i> ssp. <i>subserulata</i>		N	ssp
<	<i>Rubus allegheniensis</i>	<i>Rubus allegheniensis</i> var. <i>gravesii</i>		N	var
<	<i>Rubus pensilvanicus</i>	<i>Rubus argutus</i>		N	species (split)
<	<i>Rudbeckia fulgida</i>	<i>Rudbeckia sullivantii</i>	S3	N	species (split)
<	<i>Sagittaria calycina</i>	<i>Sagittaria spatulata</i>	S1	N	species (split)
<	<i>Salix babylonica</i> complex	<i>Salix xpendulina</i>		I	hybrid (split)
<	<i>Salix babylonica</i> complex	<i>Salix xsepulcralis</i>		I	hybrid (split)

Split taxa: new species, subspecies, and varieties (166 taxa)

Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	new taxon
<	<i>Salix eriocephala</i>	<i>Salix cordata</i>		N	species (split)
<	<i>Scleria pauciflora</i>	<i>Scleria pauciflora</i> var. <i>caroliniana</i>	S2	N	var
<	<i>Selaginella apoda</i>	<i>Selaginella eclipses</i>	no known occurrences	N	species (split)
<	<i>Sericocarpus asteroides</i>	<i>Sericocarpus caespitosus</i>		N	species (split)
<	<i>Solidago arguta</i> var. <i>arguta</i>	<i>Solidago tarda</i>		N	species (split)
<	<i>Solidago uliginosa</i>	<i>Solidago uliginosa</i> var. <i>peracuta</i>	S2	N	var
<	<i>Spiranthes cernua</i>	<i>Spiranthes arcisepala</i>		N	species (split)
<	<i>Spiranthes cernua</i>	<i>Spiranthes incurva</i>		N	species (split)
<	<i>Spiranthes cernua</i>	<i>Spiranthes sheviakii</i>		N	species (split)
<	<i>Stachys nuttallii</i>	<i>Stachys cordata</i>	S1	N	species (split)
<	<i>Stachys nuttallii</i>	<i>Stachys eplingii</i>	SH	N	species (split)
<	<i>Stachys palustris</i> var. <i>pilosa</i>	<i>Stachys arenicola</i>		N	species (split)
<	<i>Stachys tenuifolia</i>	<i>Stachys hispida</i>		N	species (split)
<	<i>Stenanthium gramineum</i>	<i>Stenanthium gramineum</i> var. <i>robustum</i>	S4	N	var
<	<i>Symphyotrichum lanceolatum</i>	<i>Symphyotrichum lanceolatum</i> var. <i>latifolium</i>		N	var
<	<i>Symphyotrichum racemosum</i>	<i>Symphyotrichum racemosum</i> var. <i>subdumosum</i>	S3S4	N	var
<	<i>Thalictrum revolutum</i>	<i>Thalictrum amphibolum</i>		N	species (split)
<	<i>Thaspium barbinode</i>	<i>Thaspium chapmanii</i>		N	species (split)
<	<i>Toxicodendron radicans</i>	<i>Toxicodendron radicans</i> var. <i>negundo</i>		N	var
<	<i>Triosteum angustifolium</i>	<i>Triosteum angustifolium</i> var. <i>eamesii</i>		N	var
<	<i>Triosteum aurantiacum</i>	<i>Triosteum aurantiacum</i> var. <i>glaucescens</i>		N	var
<	<i>Triosteum aurantiacum</i>	<i>Triosteum aurantiacum</i> var. <i>illinoense</i>		N	var
<	<i>Utricularia gibba</i>	<i>Utricularia striata</i>		N	species (split)
<	<i>Vaccinium corymbosum</i>	<i>Vaccinium caesariense</i>		N	species (split)
<	<i>Vaccinium corymbosum</i>	<i>Vaccinium fuscatum</i>		N	species (split)
<	<i>Vaccinium stamineum</i>	<i>Vaccinium stamineum</i> var. 2		N	var
<	<i>Veronica anagallis-aquatica</i>	<i>Veronica catenata</i>		N	species (split)
<	<i>Veronica hederifolia</i>	<i>Veronica sublobata</i>		I	species (split)
<	<i>Viola blanda</i>	<i>Viola incognita</i>		N	species (split)
<	<i>Viola pedata</i>	<i>Viola pedata</i> var. <i>cuneatiloba</i>		N	var
<	<i>Viola sororia</i>	<i>Viola communis</i>		N	species (split)

Split taxa: new species, subspecies, and varieties (166 taxa)

Relationship	Plants of Pennsylvania Name	FSUS Name	State Rank	Nativity	new taxon
<	<i>Viola sororia</i>	<i>Viola septentrionalis</i>		N	species (split)
<	<i>Viola sororia</i>	<i>Viola sororia</i> var. 1 ["glabrous" variant]		N	var
<	<i>Viola sororia</i>	<i>Viola sororia</i> var. 2 ["hirsutula-like" variant]		N	var
<	<i>Viola subsinuata</i>	<i>Viola palmata</i> var. 1 ["pseudo-stoneana" variant]		N	var
<	<i>Viola subsinuata</i>	<i>Viola palmata</i> var. <i>triloba</i>		N	var
<	<i>Viola subsinuata</i>	<i>Viola stoneana</i>		N	species (split)
<	<i>Vitis aestivalis</i>	<i>Vitis aestivalis</i> var. <i>bicolor</i>		N	var
<	<i>Xanthium strumarium</i>	<i>Xanthium chinense</i>		N	species (split)
<	<i>Xanthium strumarium</i>	<i>Xanthium orientale</i>		N	species (split)

Split taxa: new species, subspecies, and varieties (166 taxa)

Additions to the flora (561 total)

FSUS Name	State Rank	Nativity
<i>Arundinaria tecta</i>		N?/I
<i>Cyperus grayi</i>		N?/I
<i>Oxybasis rubra</i> var. <i>rubra</i>		N?/I
<i>Dryopteris filix-mas</i> ssp. <i>brittonii</i>	S1	N/I?
<i>Amelanchier amabilis</i>		N
<i>Apocynum floribundum</i>		N
<i>Calamagrostis inexpansa</i>		N
<i>Carex aestivaliformis</i>		N
<i>Carex gynocrates</i>	SH	N
<i>Carex roanensis</i>	S1	N
<i>Dichanthelium acuminatum</i> var. <i>acuminatum</i>		N
<i>Dichanthelium angustifolium</i>		N
<i>Dichanthelium recognitum</i>		N
<i>Diphasiastrum complanatum</i>		N
<i>Edrastima uniflora</i>		N
<i>Eleocharis quinqueflora</i>		N
<i>Equisetum scirpoides</i>	S1	N
<i>Fraxinus quadrangulata</i>	S1	N
<i>Gratiola virginiana</i>		N
<i>Heuchera alba</i>	S1S2	N
<i>Juncus caesariensis</i>		N
<i>Liatris pilosa</i>	S1S2	N
<i>Lycopus amplexans</i>		N
<i>Magnolia fraseri</i>	S1	N
<i>Malus angustifolia</i>		N
<i>Oreojuncus trifidus</i>	SH	N
<i>Physalis grisea</i>	S3S4	N
<i>Pluchea camphorata</i>	SH	N
<i>Pseudognaphalium micradenium</i>		N
<i>Pseudolycopodiella caroliniana</i>		N
<i>Pteridium pseudocaudatum</i>		N
<i>Quercus michauxii</i>	S1	N

FSUS Name	State Rank	Nativity
<i>Rubus aboriginum</i>		N
<i>Rubus alumnus</i>		N
<i>Rubus curtipes</i>		N
<i>Rubus deamii</i>		N
<i>Rubus frondosus</i>		N
<i>Rubus heterophyllus</i>		N
<i>Rubus invisus</i>		N
<i>Rubus laudatus</i>		N
<i>Rubus orarius</i>		N
<i>Rubus roribaccus</i>		N
<i>Rubus rosa</i>		N
<i>Sagittaria engelmanniana</i>		N
<i>Solidago rupestris</i>	SH	N
<i>Stenanthium leimanthoides</i>		N
<i>Trifolium stoloniferum</i>	S1	N
<i>Triglochin maritima</i>		N
<i>Ulmus thomasii</i>		N
<i>Valerianella radiata</i>		N
<i>Viola baxteri</i>		N
<i>Viola walteri</i>	S1	N
<i>Xyris fimbriata</i>		N
<i>Passiflora incarnata</i>		I?
<i>Sagittaria platyphylla</i>		I?
<i>Suaeda calceoliformis</i>		I?
<i>Acalypha ostryifolia</i>		I
<i>Acanthospermum australe</i>		I
<i>Acer japonicum</i>		I
<i>Acicarpha tribuloides</i>		I
<i>Actaea rubifolia</i>		I
<i>Aegilops triuncialis</i> var. <i>triuncialis</i>		I
<i>Aeschynomene rudis</i>		I
<i>Aesculus pavia</i> var. <i>pavia</i>		I
<i>Agarista populifolia</i>		I
<i>Aira praecox</i>		I

FSUS Name	State Rank	Nativity
<i>Aizopsis aizoon</i>		I
<i>Alcea rosea</i>		I
<i>Alchemilla monticola</i>		I
<i>Allium cepa</i>		I
<i>Allium porrum</i>		I
<i>Allium sativum</i>		I
<i>Alopecurus creticus</i>		I
<i>Alopecurus geniculatus</i>		I
<i>Alopecurus myosuroides</i>		I
<i>Alopecurus rendlei</i>		I
<i>Alternanthera pungens</i>		I
<i>Amaranthus hypochondriacus</i>		I
<i>Amaranthus viridis</i>		I
<i>Ampelopsis aconitifolia</i>		I
<i>Amphiachyris dracunculoides</i>		I
<i>Amsinckia intermedia</i>		I
<i>Amsinckia lycopoides</i>		I
<i>Anacyclus clavatus</i>		I
<i>Anagallis latifolia</i>		I
<i>Anchusa officinalis</i>		I
<i>Anoda cristata</i>		I
<i>Anthriscus caucalis</i>		I
<i>Anthriscus cerefolium</i>		I
<i>Anthyllis vulneraria</i>		I
<i>Apera spica-venti</i>		I
<i>Apium graveolens</i>		I
<i>Arachis hypogaea</i>		I
<i>Arnoseris minima</i>		I
<i>Artemisia abrotanum</i>		I
<i>Artemisia frigida</i>		I
<i>Artemisia stelleriana</i>		I
<i>Asperugo procumbens</i>		I
<i>Atriplex rosea</i>		I
<i>Atriplex tatarica</i>		I

FSUS Name	State Rank	Nativity
<i>Avena sterilis</i>		I
<i>Beckmannia syzigachne</i>		I
<i>Beta vulgaris</i> ssp. <i>vulgaris</i>		I
<i>Bidens alba</i> var. <i>radiata</i>		I
<i>Bidens pilosa</i>		I
<i>Bifora radians</i>		I
<i>Bolboschoenus robustus</i>		I
<i>Borago officinalis</i>		I
<i>Bouteloua gracilis</i>		I
<i>Brassica napus</i>		I
<i>Brassica oleracea</i>		I
<i>Briza minor</i>		I
<i>Bromus arenarius</i>		I
<i>Bromus briziformis</i>		I
<i>Bromus catharticus</i> var. <i>catharticus</i>		I
<i>Bromus sitchensis</i> var. <i>marginatus</i>		I
<i>Bromus squarrosus</i>		I
<i>Brunnera macrophylla</i>		I
<i>Buddleja alternifolia</i>		I
<i>Bunias erucago</i>		I
<i>Calamagrostis arenaria</i>		I
<i>Calendula arvensis</i>		I
<i>Calendula officinalis</i>		I
<i>Callicarpa dichotoma</i>		I
<i>Callirhoe involucrata</i> var. <i>involucrata</i>		I
<i>Callistephus chinensis</i>		I
<i>Campanula glomerata</i>		I
<i>Campanula latifolia</i>		I
<i>Campanula persicifolia</i>		I
<i>Campanula trachelium</i>		I
<i>Capsicum annuum</i> var. <i>annuum</i>		I
<i>Caragana arborescens</i>		I
<i>Carduus crispus</i>		I
<i>Carduus tenuiflorus</i>		I

FSUS Name	State Rank	Nativity
<i>Carex caryophylla</i>		I
<i>Carex distans</i>		I
<i>Carex distenta</i>		I
<i>Carex gravida</i>		I
<i>Carex nebrascensis</i>		I
<i>Carex sylvatica</i>		I
<i>Castanea sativa</i>		I
<i>Caucalis platycarpus</i>		I
<i>Cedrus deodara</i>		I
<i>Cenchrus americanus</i>		I
<i>Centaurea benedicta</i>		I
<i>Centaurea melitensis</i>		I
<i>Centaurea phrygia</i>		I
<i>Centaurea scabiosa</i>		I
<i>Centipeda minima</i>		I
<i>Chaenomeles japonica</i>		I
<i>Chaerophyllum temulem</i>		I
<i>Chenopodium ficifolium</i>		I
<i>Chenopodium leptophyllum</i>		I
<i>Chenopodium opulifolium</i>		I
<i>Chenopodium vulvaria</i>		I
<i>Chloris virgata</i>		I
<i>Chrysanthemum indicum</i>		I
<i>Cicerbita muralis</i>		I
<i>Cichorium endivia</i>		I
<i>Cirsium palustre</i>		I
<i>Cirsium undulatum</i>		I
<i>Citrullus lanatus</i>		I
<i>Cladrastis kentukea</i>		I
<i>Clematis ligusticifolia</i>		I
<i>Cleome ornithopodioides</i>		I
<i>Cleoserrata serrata</i>		I
<i>Colchicum autumnale</i>		I
<i>Collinsia parviflora</i>		I

Additions to Flora

FSUS Name	State Rank	Nativity
<i>Colutea arborescens</i>		I
<i>Coreopsis major</i>		I
<i>Coriandrum sativum</i>		I
<i>Corrigiola litoralis ssp. litoralis</i>		I
<i>Corydalis incisa</i>		I
<i>Corynandra viscosa ssp. viscosa</i>		I
<i>Corynephorus canescens</i>		I
<i>Crepis biennis</i>		I
<i>Croton monanthogynus</i>		I
<i>Crypsis alopecuroides</i>		I
<i>Cucumis melo var. cantalupo</i>		I
<i>Cucumis melo var. inodorus</i>		I
<i>Cucumis sativus</i>		I
<i>Cucurbita maxima</i>		I
<i>Cucurbita moschata</i>		I
<i>Cyanus montanus</i>		I
<i>Cyclopermum leptophyllum</i>		I
<i>Cyperus aggregatus</i>		I
<i>Cyperus brevifolius</i>		I
<i>Cyperus croceus</i>		I
<i>Cyperus eragrostis</i>		I
<i>Cyperus flavicomus</i>		I
<i>Cyperus fuscus</i>		I
<i>Cyperus iria</i>		I
<i>Cyperus ochraceus</i>		I
<i>Cyperus rotundus</i>		I
<i>Cyrtosia septentrionalis</i>		I
<i>Dactyloctenium aegyptium</i>		I
<i>Dalea leporina</i>		I
<i>Dasypyrum villosum</i>		I
<i>Datura innoxia</i>		I
<i>Datura quercifolia</i>		I
<i>Datura wrightii</i>		I
<i>Delphinium pubescens</i>		I

FSUS Name	State Rank	Nativity
<i>Desmanthus illinoensis</i>		I
<i>Deutzia gracilis</i>		I
<i>Dianthus plumarius</i> ssp. <i>plumarius</i>		I
<i>Didiplis diandra</i>		I
<i>Diodia virginiana</i>		I
<i>Distimake dissectus</i>		I
<i>Dittrichia viscosa</i>		I
<i>Dracocephalum thymiflorum</i>		I
<i>Dracopis amplexicaulis</i>		I
<i>Drosera filiformis</i> var. <i>filiformis</i>		I
<i>Dysphania multifida</i>		I
<i>Ecballium elaterium</i>		I
<i>Echium plantagineum</i>		I
<i>Elaeagnus multiflora</i>		I
<i>Enemion biternatum</i>		I
<i>Eragrostis ciliaris</i> var. <i>ciliaris</i>		I
<i>Erica vagans</i>		I
<i>Erodium ciconium</i>		I
<i>Eryngium campestre</i>		I
<i>Eryngium planum</i>		I
<i>Euonymus japonicus</i>		I
<i>Eupatorium cannabinum</i>		I
<i>Eupatorium capillifolium</i>		I
<i>Euphorbia davidii</i>		I
<i>Euphorbia exigua</i>		I
<i>Euphorbia oblongata</i>		I
<i>Euphorbia ophthalmica</i>		I
<i>Euphorbia paralias</i>		I
<i>Euphorbia prostrata</i>		I
<i>Euphorbia segetalis</i>		I
<i>Exochorda racemosa</i>		I
<i>Fatoua villosa</i>		I
<i>Festuca ambigua</i>		I
<i>Ficus carica</i>		I

Additions to Flora

FSUS Name	State Rank	Nativity
<i>Filipendula vulgaris</i>		I
<i>Fimbristylis castanea</i>		I
<i>Fimbristylis littoralis</i>		I
<i>Foeniculum vulgare</i>		I
<i>Fraxinus excelsior</i>		I
<i>Fumaria parviflora</i>		I
<i>Gaillardia pulchella</i> var. <i>pulchella</i>		I
<i>Galanthus elwesii</i>		I
<i>Galeopsis tetrahit</i>		I
<i>Galium album</i>		I
<i>Galium arvense</i>		I
<i>Galium rubioides</i>		I
<i>Galium tricornutum</i>		I
<i>Geranium aequale</i>		I
<i>Geranium pratense</i>		I
<i>Geranium sanguineum</i>		I
<i>Geum urbanum</i>		I
<i>Glaucium corniculatum</i>		I
<i>Glaucium flavum</i>		I
<i>Glebionis coronaria</i>		I
<i>Glebionis segetum</i>		I
<i>Glyceria fluitans</i>		I
<i>Glycine max</i>		I
<i>Glycyrrhiza lepidota</i>		I
<i>Gomphrena globosa</i>		I
<i>Gossypium hirsutum</i>		I
<i>Grindelia camporum</i>		I
<i>Guizotia abyssinica</i>		I
<i>Gynandropsis gynandra</i>		I
<i>Gypsophila elegans</i>		I
<i>Gypsophila paniculata</i>		I
<i>Hackelia floribunda</i>		I
<i>Helenium quadridentatum</i>		I
<i>Helianthus debilis</i> ssp. <i>cucumerifolius</i>		I

Additions to Flora

FSUS Name	State Rank	Nativity
<i>Helianthus salicifolius</i>		I
<i>Heliotropium ramosissimum</i>		I
<i>Heliotropium supinum</i>		I
<i>Helleborus niger</i>		I
<i>Helleborus viridis</i>		I
<i>Helosciadium nodiflorum</i>		I
<i>Helosciadium repens</i>		I
<i>Hemarthria altissima</i>		I
<i>Herniaria hirsuta</i> var. <i>cinerea</i>		I
<i>Heuchera sanguinea</i> var. <i>sanguinea</i>		I
<i>Hippocrepis comosa</i>		I
<i>Holcus mollis</i> ssp. <i>mollis</i>		I
<i>Hordeum brachyantherum</i>		I
<i>Hordeum marinum</i> ssp. <i>gussoneanum</i>		I
<i>Houttuynia cordata</i>		I
<i>Hyacinthoides hispanica</i>		I
<i>Hyacinthoides nonscripta</i>		I
<i>Hyacinthus orientalis</i>		I
<i>Hydrocharis morsus-ranae</i>		I
<i>Hyoscyamus albus</i>		I
<i>Hyoscyamus niger</i>		I
<i>Hypecoum imberbe</i>		I
<i>Hypertelis umbellata</i>		I
<i>Hypochaeris glabra</i>		I
<i>Hyssopus officinalis</i>		I
<i>Iberis amara</i>		I
<i>Ilex cornuta</i>		I
<i>Ipomoea batatas</i>		I
<i>Ipomoea tricolor</i>		I
<i>Ipomoea triloba</i>		I
<i>Iris ensata</i>		I
<i>Iris sibirica</i>		I
<i>Jacobaea erucifolia</i>		I
<i>Jacobaea vulgaris</i>		I

FSUS Name	State Rank	Nativity
<i>Jasione montana</i>		I
<i>Juncus conglomeratus</i>		I
<i>Kallstroemia maxima</i>		I
<i>Kolkwitzia amabilis</i>		I
<i>Lablab purpureus</i>		I
<i>Lactuca sativa</i>		I
<i>Lagenaria siceraria</i> ssp. <i>siceraria</i>		I
<i>Lamprocapnos spectabilis</i>		I
<i>Laphangium luteoalbum</i>		I
<i>Lappula occidentalis</i>		I
<i>Lappula texana</i>		I
<i>Lathyrus aphaca</i>		I
<i>Lens culinaris</i>		I
<i>Leontodon hispidus</i>		I
<i>Lepidium appelianum</i>		I
<i>Lepidium graminifolium</i>		I
<i>Lepidium heterophyllum</i>		I
<i>Lepidium latifolium</i>		I
<i>Lepidium ruderae</i>		I
<i>Leptosiphon androsaceus</i>		I
<i>Leucanthemum maximum</i>		I
<i>Leucojum aestivum</i>		I
<i>Levisticum officinale</i>		I
<i>Liatris pycnostachya</i> var. <i>pycnostachya</i>		I
<i>Ligustrum sinense</i>		I
<i>Linaria genistifolia</i>		I
<i>Linaria repens</i>		I
<i>Linaria supina</i> ssp. <i>supina</i>		I
<i>Linum catharticum</i>		I
<i>Lipandra polysperma</i> var. <i>acutifolia</i>		I
<i>Lipandra polysperma</i> var. <i>polysperma</i>		I
<i>Lithospermum officinale</i>		I
<i>Lobelia erinus</i>		I
<i>Logfia minima</i>		I

FSUS Name	State Rank	Nativity
<i>Lotus tenuis</i>		I
<i>Ludwigia leptocarpa</i>		I
<i>Luzula luzuloides ssp. luzuloides</i>		I
<i>Lycopsis arvensis</i>		I
<i>Lythrum virgatum</i>		I
<i>Magnolia macrophylla</i>		I
<i>Mahonia bealei</i>		I
<i>Mahonia repens</i>		I
<i>Malus toringo</i>		I
<i>Malva alcea</i>		I
<i>Malva setigera</i>		I
<i>Malvastrum coromandelianum</i>		I
<i>Medicago arabica</i>		I
<i>Medicago polymorpha</i>		I
<i>Melilotus indicus</i>		I
<i>Melilotus sulcatus</i>		I
<i>Mentha suaveolens ssp. suaveolens</i>		I
<i>Mercurialis annua</i>		I
<i>Mesembryanthemum crystallinum</i>		I
<i>Mimosa nuttallii</i>		I
<i>Mirabilis albida</i>		I
<i>Mirabilis linearis var. linearis</i>		I
<i>Misopates orontium</i>		I
<i>Modiola caroliniana</i>		I
<i>Moenchia erecta ssp. erecta</i>		I
<i>Molinia caerulea</i>		I
<i>Moluccella laevis</i>		I
<i>Momordica charantia ssp. charantia</i>		I
<i>Montia linearis</i>		I
<i>Mulgedium oblongifolium</i>		I
<i>Muscari comosum</i>		I
<i>Myosurus minimus</i>		I
<i>Myrrhis odorata</i>		I
<i>Nama jamaicensis</i>		I

FSUS Name	State Rank	Nativity
<i>Narcissus jonquilla</i>		I
<i>Narcissus tazetta</i>		I
<i>Navarretia squarrosa</i>		I
<i>Nellica polygonoides</i>		I
<i>Nemophila maculata</i>		I
<i>Neslia paniculata</i>		I
<i>Nicotiana alata</i>		I
<i>Nicotiana longiflora</i>		I
<i>Nicotiana rustica</i>		I
<i>Nicotiana tabacum</i>		I
<i>Nonea lutea</i>		I
<i>Nonea rosea</i>		I
<i>Nonea vesicaria</i>		I
<i>Ocimum basilicum</i>		I
<i>Oenothera filiformis</i>		I
<i>Oenothera sinuosa</i>		I
<i>Oloptum miliaceum</i>		I
<i>Ononis spinosa</i>		I
<i>Oplismenus undulatifolius</i>		I
<i>Origanum majorana</i>		I
<i>Origanum vulgare ssp. vulgare</i>		I
<i>Ornithopus perpusillus</i>		I
<i>Oshuna crassipes</i>		I
<i>Paeonia lactiflora</i>		I
<i>Panicum bisulcatum</i>		I
<i>Parietaria judaica</i>		I
<i>Paspalum boscianum</i>		I
<i>Paspalum pubiflorum var. glabrum</i>		I
<i>Patellifolia procumbens</i>		I
<i>Penstemon tubaeformis</i>		I
<i>Persicaria extremiorientalis</i>		I
<i>Persicaria filiformis</i>		I
<i>Persicaria minor</i>		I
<i>Persicaria posumbu</i>		I

Additions to Flora

FSUS Name	State Rank	Nativity
<i>Petroselinum crispum</i>		I
<i>Petunia axillaris</i>		I
<i>Phacelia bipinnatifida</i>		I
<i>Phacelia hirsuta</i>		I
<i>Phalaris paradoxa</i>		I
<i>Phaseolus vulgaris</i>		I
<i>Phegopteris decursivepinnata</i>		I
<i>Phleum subulatum</i>		I
<i>Phyllostachys aurea</i>		I
<i>Phyllostachys aureosulcata</i>		I
<i>Phyllostachys bambusoides</i>		I
<i>Phyllostachys bissetii</i>		I
<i>Phyllostachys nigra</i>		I
<i>Physalis cordata</i>		I
<i>Pieris japonica</i>		I
<i>Pilosella floribunda</i>		I
<i>Pimpinella major</i>		I
<i>Pisum sativum</i>		I
<i>Planodes virginicum</i>		I
<i>Plantago coronopus</i>		I
<i>Platycodon grandiflorus</i>		I
<i>Polemonium micranthum</i>		I
<i>Polycarpon tetraphyllum ssp. tetraphyllum</i>		I
<i>Polypremum procumbens</i>		I
<i>Polystichum munitum</i>		I
<i>Potentilla inclinata</i>		I
<i>Potentilla rivalis</i>		I
<i>Prunus cerasifera</i>		I
<i>Prunus domestica</i>		I
<i>Prunus munsoniana</i>		I
<i>Prunus spinosa</i>		I
<i>Prunus triloba</i>		I
<i>Psammophiliella muralis</i>		I
<i>Puccinellia fasciculata</i>		I

Additions to Flora

FSUS Name	State Rank	Nativity
<i>Puccinellia maritima</i>		I
<i>Puccinellia rupestris</i>		I
<i>Pulicaria dysenterica</i>		I
<i>Pyracantha coccinea</i>		I
<i>Ranunculus lingua</i>		I
<i>Rapistrum rugosum</i>		I
<i>Reseda phyteuma</i>		I
<i>Reynoutria ×bohemica</i>		I
<i>Ribes nigrum</i>		I
<i>Richardia brasiliensis</i>		I
<i>Richardia scabra</i>		I
<i>Roemeria hispida</i>		I
<i>Rosa centifolia</i>		I
<i>Rubia tinctoria</i>		I
<i>Rumex conglomeratus</i>		I
<i>Rumex maritimus</i>		I
<i>Rumex sanguineus</i>		I
<i>Salix aurita</i>		I
<i>Salvia officinalis</i>		I
<i>Salvia sclarea</i>		I
<i>Salvia splendens</i>		I
<i>Sambucus nigra</i>		I
<i>Satureja hortensis</i>		I
<i>Scandix pecten-veneris</i>		I
<i>Scirpus pallidus</i>		I
<i>Scolymus hispanicus</i>		I
<i>Scorpiurus muricatus</i>		I
<i>Scrophularia nodosa</i>		I
<i>Sempervivum tectorum</i>		I
<i>Senecio sylvaticus</i>		I
<i>Sesbania herbacea</i>		I
<i>Sesuvium portulacastrum</i>		I
<i>Setaria adhaerens</i>		I
<i>Setaria verticilliformis</i>		I

FSUS Name	State Rank	Nativity
<i>Sida linifolia</i>		I
<i>Sida rhombifolia</i> var. <i>rhombifolia</i>		I
<i>Sida ulmifolia</i>		I
<i>Silene banksia</i>		I
<i>Silene viscaria</i>		I
<i>Silphium laciniatum</i>		I
<i>Sisymbrium irio</i>		I
<i>Sisymbrium loeselii</i>		I
<i>Sisymbrium polyceratium</i>		I
<i>Solanum elaeagnifolium</i>		I
<i>Solanum lycopersicum</i>		I
<i>Solanum melongena</i>		I
<i>Solanum nitidibaccatum</i>		I
<i>Solanum sarrachoides</i>		I
<i>Solanum sisymbriifolium</i>		I
<i>Solanum tuberosum</i>		I
<i>Solanum viarum</i>		I
<i>Solanum villosum</i>		I
<i>Sonchus tenerrimus</i>		I
<i>Sphenopholis filiformis</i>		I
<i>Spinacia oleracea</i>		I
<i>Spiraea ×vanhouttei</i>		I
<i>Spiraea thunbergii</i>		I
<i>Spirobassia hirsuta</i>		I
<i>Sporobolus pyramidatus</i>		I
<i>Stachys annua</i>		I
<i>Stachys arvensis</i>		I
<i>Stachys sylvatica</i>		I
<i>Suaeda maritima</i>		I
<i>Swida sanguinea</i>		I
<i>Symphyotrichum subulatum</i>		I
<i>Symphytum asperum</i>		I
<i>Syringa reticulata</i>		I
<i>Syringa xpersica</i>		I

FSUS Name	State Rank	Nativity
<i>Taeniatherum caput-medusae ssp. caput-medusae</i>		I
<i>Tagetes erecta</i>		I
<i>Tagetes patula</i>		I
<i>Tamarix parviflora</i>		I
<i>Tanacetum balsamita</i>		I
<i>Tanacetum coccineum</i>		I
<i>Teesdalia nudicaulis</i>		I
<i>Teloxys aristata</i>		I
<i>Tetragonia tetragonoides</i>		I
<i>Teucrium botrys</i>		I
<i>Teucrium orientale</i>		I
<i>Thermopsis villosa</i>		I
<i>Thymus vulgaris</i>		I
<i>Tidestromia lanuginosa</i>		I
<i>Tilia cordata</i>		I
<i>Toona sinensis</i>		I
<i>Torilis helvetica</i>		I
<i>Tricyrtis hirta</i>		I
<i>Tridens strictus</i>		I
<i>Trifolium carolinianum</i>		I
<i>Trifolium fragiferum</i>		I
<i>Trifolium lappaceum</i>		I
<i>Trifolium ornithopodioides</i>		I
<i>Trifolium squamosum</i>		I
<i>Trigonella caerulea</i>		I
<i>Trigonella corniculata</i>		I
<i>Trigonella procumbens</i>		I
<i>Tripleurospermum maritimum ssp. maritimum</i>		I
<i>Tripolium pannonicum ssp. tripolium</i>		I
<i>Tropaeolum majus</i>		I
<i>Turgenia latifolia</i>		I
<i>Ulex europaeus</i>		I
<i>Ulmus glabra</i>		I
<i>Urochloa adspersa</i>		I

Additions to Flora

FSUS Name	State Rank	Nativity
<i>Urochloa plantaginea</i>		I
<i>Verbascum nigrum ssp. nigrum</i>		I
<i>Verbena incompta</i>		I
<i>Verbesina encelioides</i>		I
<i>Vicia faba</i>		I
<i>Vicia sepium</i>		I
<i>Vigna unguiculata</i>		I
<i>Vinca major</i>		I
<i>Visnaga daucooides</i>		I
<i>Waldsteinia ternata</i>		I
<i>Weigela florida</i>		I
<i>Weigela japonica</i>		I
<i>Xanthium ambrosioides</i>		I
<i>Youngia japonica</i>		I
<i>Zea mays ssp. mays</i>		I
<i>Zinnia elegans</i>		I
<i>Zoysia japonica</i>		I
<i>Zoysia matrella</i>		I
<i>Zygophyllum fabago</i>		I

Nativity Changes

Relationship	Plants of Pennsylvania Name	FSUS Name	PofP nativity	PNHP Nativity*
<	<i>Achillea millefolium</i>	<i>Achillea gracilis</i>	I	N
<	<i>Amaranthus hybridus</i>	<i>Amaranthus hybridus ssp. hybridus</i>	I	N
<	<i>Veronica anagallis-aquatica</i>	<i>Veronica catenata</i>	I	N
=	<i>Clinopodium vulgare</i>	<i>Clinopodium vulgare</i>	I	N/I
=	<i>Silphium perfoliatum</i> var. <i>perfoliatum</i>	<i>Silphium perfoliatum</i>	I	N/I
=	<i>Persicaria lapathifolia</i>	<i>Persicaria lapathifolia</i>	I	N/I?
=	<i>Eupatorium serotinum</i>	<i>Eupatorium serotinum</i>	I	N?/I
=	<i>Festuca rubra</i>	<i>Festuca rubra</i>	I	N?/I
=	<i>Humulus lupulus</i> var. <i>pubescens</i>	<i>Humulus pubescens</i>	I	N?/I
>	<i>Rumex triangulivalvis</i> var. <i>mexicanus</i>	<i>Rumex triangulivalvis</i>	I	N?/I
=	<i>Veronica anagallis-aquatica</i>	<i>Veronica anagallis-aquatica</i>	I	N?/I
=	<i>Panicum amarum</i> var. <i>amarum</i>	<i>Panicum amarum</i>	N	I
<	<i>Aesculus glabra</i>	<i>Aesculus glabra</i> var. <i>glabra</i>	N	N/I
=	<i>Aristolochia macrophylla</i>	<i>Isotrema macrophyllum</i>	N	N/I
=	<i>Dicentra eximia</i>	<i>Dicentra eximia</i>	N	N/I
<	<i>Parthenium integrifolium</i>	<i>Parthenium integrifolium</i> var. <i>integrifolium</i>	N	N/I
=	<i>Sporobolus cryptandrus</i>	<i>Sporobolus cryptandrus</i>	N	N/I
=	<i>Symphoricarpos orbiculatus</i>	<i>Symphoricarpos orbiculatus</i>	N	N/I
=	<i>Campsis radicans</i>	<i>Campsis radicans</i>	N	N/I
=	<i>Aesculus flava</i>	<i>Aesculus flava</i>	N	N/I?
=	<i>Gymnocladus dioica</i>	<i>Gymnocladus dioica</i>	N	N?/I

*PNHP has compared FSUS and Plants of Pennsylvania nativity assignments to discern which are most correct. Corrections have been sent to FSUS where needed.