

Changes in the taxonomy and nomenclature as well as recent additions, exclusions, and status changes  
in the New York Flora Atlas

These are all the major changes (not counting errata) since the publication of the Catalogue of the Vascular Plants of New York State by David Werier.

**Changes made in 2018**

**Accepted List**

Add *Vincetoxicum* as an accepted genus  
Change *Cynanchum louiseae* to *Vincetoxicum nigrum*  
Change *Cynanchum rossicum* to *Vincetoxicum rossicum*  
Change *Cynanchum vincetoxicum* to *Vincetoxicum hirundinaria*  
Add *Spiranthes incurva* as native  
Add *Spiranthes arcisepala* as native  
Add *Aphyllon* as an accepted genus  
Change *Orobanche uniflora* to *Aphyllon uniflorum*  
Change *Ammophila breviligulata* to *Calamagrostis breviligulata*  
Change *Calamagrostis cinnoides* to *Calamagrostis coarctata*  
Add *Silene gallica* as nonnative, not naturalized  
Add *Psammophiliella* as an accepted genus  
Change *Gypsophila muralis* to *Psammophiliella muralis*  
Remove *Vaccaria* as an accepted genus  
Change *Vaccaria hispanica* to *Gypsophila vaccaria*  
Change *Sparganium emersum* to *Sparganium chlorocarpum*  
Add *Passiflora lutea* as nonnative, not naturalized  
Add *Rumex cristatus* as nonnative, naturalized  
Change *Ageratina altissima* var. *altissima* to *Ageratina altissima*  
Change *Disakisperma dubia* to *Disakisperma dubium*  
Add *Stapfochloa* as an accepted genus  
Change *Chloris ciliata* to *Stapfochloa ciliata*

**Excluded List**

Remove *Silene gallica*  
Add *Symphyotrichum oblongifolium*  
Add *Sparganium emersum*

**Changes made in 2019**

**Accepted List**

*Dittrichia graveolens* change from not naturalized to naturalized  
Change *Chenopodium strictum* to *Chenopodium betaceum*  
Change *Drosera intermedia* × *D. rotundifolia* = *D. ×belezeana* to *Drosera intermedia* × *D. rotundifolia* = *D. ×eloisiana*  
*Oenothera grandis* change from native to not naturalized nonnative  
Change *Malus pumila* to *Malus domestica*  
Change *Nuttallanthus canadensis* to *Linaria canadensis*  
Remove *Nuttallanthus* as an accepted genus  
Change *Isoetes echinospora* × *I. septentrionalis* = *I. ×dodgei* to *Isoetes echinospora* × *I. septentrionalis* = *I. ×robusta*  
Change *Ranunculus aquatilis* var. *diffusus* to *Ranunculus longirostris* and *Ranunculus trichophyllus*  
Change the spelling of the genus *Ciclospermum* to *Cyclospermum*  
Add *Stellaria pallida* as nonnative, naturalized  
Add *Bromus riparius* as nonnative, unknown nonnative status  
Add *Cardamine occulta* as nonnative, naturalized  
Add *Sagina apetala* as nonnative, unknown nonnative status  
Add *Euphorbia hypericifolia* as nonnative, naturalized  
Add *Osmanthus* as an accepted genus  
Add *Osmanthus heterophyllus* as nonnative, naturalized

Add *Geum canadense* × *G. laciniatum* = *G. ×cortlandicum* as native  
Add *Geum rivale* × *G. urbanum* = *G. ×intermedium* as nonnative, naturalized  
Add *Geum laciniatum* × *G. urbanum* = *G. ×macneillii* as nonnative, naturalized  
*Sisymbrium loeselii* change from unknown nonnative status to naturalized  
Add *Elymus glabriflorus* var. *glabriflorus* as native  
Change *Solanum ptychanthum* to *Solanum emulans*  
Add *Callicarpa* as an accepted genus  
Add *Callicarpa japonica* as nonnative, unknown nonnative status  
Add *Callicarpa dichotoma* as nonnative, unknown nonnative status  
*Cephalotaxus harringtonia* change from not naturalized to naturalized  
Change *Solanum physalifolium* var. *nitidibaccatum* to *Solanum nitidibaccatum*  
Add *Bromus carinatus* var. *carinatus* as nonnative, not naturalized  
Add *Diodia virginiana* as nonnative, not naturalized  
Add *Edrastima* as an accepted genus  
Change *Oldenlandia uniflora* to *Edrastima uniflora*  
Remove *Oldenlandia* as an accepted genus  
*Geranium pyrenaicum* ssp. *pyrenaicum* change from unknown nonnative status to naturalized

#### Excluded List

Add *Ranunculus subrigidus*  
Add *Cardamine flexuosa*  
Remove *Bromus carinatus* var. *carinatus*

### Changes made in 2020

#### Accepted List

Change *Bromus hordeaceus* ssp. *pseudothominei* from accepted taxon to a synonym of *Bromus hordeaceus*  
Change *Bromus hordeaceus* ssp. *hordeaceus* to *Bromus hordeaceus*  
Add *Alopecurus arundinaceus* as nonnative, not naturalized  
Add *Greeneochloa* as an accepted genus  
Change *Calamagrostis coarctata* to *Greeneochloa coarctata*  
Change *Trisetum spicatum* to *Koeleria spicata*  
*Tripidium ravennae* change from not naturalized to unknown nonnative status  
Change *Poa laxa* ssp. *fernaldiana* to *Poa flexuosa* ssp. *fernaldiana*

### Changes made in 2021

#### Accepted List

Add *Bromus catharticus* var. *catharticus* as nonnative, naturalized  
Add *Elymus curvatus* as unknown nativity status  
Add *Eragrostis mexicana* ssp. *virescens* as nonnative, naturalized  
Add *Eragrostis pectinacea* var. *miserrima* as unknown nativity status  
Add *Festuca ovina* as nonnative, naturalized  
Change *Digitaria ciliaris* var. *ciliaris* to *Digitaria ciliaris*  
*Calamagrostis canadensis* var. *macouniana* from accepted taxon to synonym of *Calamagrostis canadensis* var. *canadensis*  
Change *Deschampsia cespitosa* to *Deschampsia cespitosa* ssp. *cespitosa*  
Change *Briza maxima* from unknown nonnative status to not naturalized  
Change *Leymus arenarius* from unknown nonnative status to naturalized  
Change *Hordeum pusillum* from unknown nonnative status to naturalized  
Change *Trisetum flavescens* from unknown nonnative status to not naturalized  
Add *Aesculus flava* as nonnative, naturalized  
Change *Corispermum pallasii* from not naturalized to naturalized  
Change *Liatris aspera* from not naturalized to unknown nonnative status  
Add *Piaropus* as an accepted genus

Change *Eichhornia crassipes* to *Piaropus crassipes*  
 Change *Galega officinalis* from unknown nonnative status to naturalized  
 Add *Trillium cernuum* × *T. erectum* as native  
 Change *Microthlaspi perfoliatum* from unknown nonnative status to naturalized  
 Change *Arabis pycnocarpa* var. *adpressipilis* to *Arabis adpressipilis*  
 Change *Arabis pycnocarpa* var. *pycnocarpa* to *Arabis pycnocarpa*  
 Add *Scilla forbesii* as nonnative, naturalized  
 Change *Chionodoxa luciliae* to *Scilla luciliae*  
 Change *Maianthemum racemosum* ssp. *racemosum* to *Maianthemum racemosum*  
 Change *Muscari neglectum* from unknown nonnative status to naturalized  
 Change *Sagittaria montevidensis* ssp. *spongiosa* to *Sagittaria spatulata*  
 Change *Pinellia ternata* from not naturalized to unknown nonnative status  
 Change *Arisaema triphyllum* ssp. *pusillum* to *Arisaema pusillum*  
 Change *Arisaema triphyllum* ssp. *stewardsonii* to *Arisaema stewardsonii*  
 Change *Arisaema triphyllum* ssp. *triphyllum* to *Arisaema triphyllum*  
 Change *Arisaema triphyllum* ssp. *stewardsonii* × *A. triphyllum* ssp. *triphyllum* to *Arisaema stewardsonii* × *A. triphyllum*  
 Change *Ornithogalum nutans* from unknown nonnative status to naturalized  
 Add *Sorghum bicolor* ssp. *drummondii* as nonnative, not naturalized  
 Change *Allium tricoccum* var. *burdickii* to *Allium burdickii*  
 Change *Allium tricoccum* var. *tricoccum* to *Allium tricoccum*  
 Add *Cyperus nipponicus* as nonnative, naturalized  
 Add *Euphorbia prostrata* as nonnative, naturalized  
 Add *Carex adusta* as native  
 Add *Spiranthes odorata* as native  
 Change *Sabulina caroliniana* to *Mononeuria caroliniana*  
 Add *Muhlenbergia schreberi* × *M. frondosa* = *M. ×curtisetosa* as native  
 Add *Coryphopteris* as an accepted genus  
 Change *Thelypteris simulata* to *Coryphopteris simulata*  
 Add *Ludwigia polycarpa* as native  
 Change *Coleataenia stipitata* to *C. pulchra*  
 Change *Viburnum nudum* var. *nudum* to *Viburnum nudum*  
 Change *Viburnum nudum* var. *cassinoides* to *Viburnum cassinoides*  
 Change *Tripidium ravennae* from unknown nonnative status to naturalized  
 Add *Amauropelta* as an accepted genus  
 Change *Thelypteris noveboracensis* to *Amauropelta noveboracensis*  
 Change *Clinopodium calamintha* to *Clinopodium nepeta*  
 Add *Impatiens balfourii* as nonnative, unknown nonnative status  
 Change *Ligustrum ovalifolium* from unknown nonnative status to naturalized  
 Add *Euphorbia ophthalmica* as nonnative, not naturalized  
 Add *Streptopus amplexifolius* × *S. lanceolatus* = *S. ×oreopolus* as native  
 Change *Solidago arguta* var. *arguta* to *Solidago arguta*  
 Add *Croton glandulosus* var. *septentrionalis* as nonnative, naturalized  
 Change *Ipomoea lacunosa* from not naturalized to naturalized  
 Add *Erigeron bonariensis* as nonnative, naturalized  
 Add *Inula racemosa* as nonnative, naturalized  
 Add *Spiranthes bightensis* as native

#### **Excluded List**

Remove *Elymus curvatus*  
 Remove *Eragrostis pectinacea* var. *miserrima*  
 Remove *Festuca ovina*  
 Remove *Bromus catharticus* var. *catharticus*  
 Remove *Aesculus flava*  
 Remove *Sorghum bicolor* ssp. *drummondii*  
 Remove *Carex adusta*  
 Remove *Streptopus amplexifolius* × *S. lanceolatus* = *S. ×oreopolus*

## Changes made in 2022

### Accepted List

Change *Cyperus flavicomus* from not naturalized to unknown nonnative  
Change *Cyperus compressus* from not naturalized to unknown nonnative

### Excluded List

## Changes made in 2023

### Accepted List

Add *Mummenhoffia* as an accepted genus  
Add *Mummenhoffia alliacea* as nonnative, naturalized  
Add *Veronica sublobata* as nonnative, naturalized  
Add *Lycopus americanus* ssp. *laurentianus* as native  
Change *Lycopus americanus* to *Lycopus americanus* ssp. *americanus*  
Split *Solidago uliginosa* into *Solidago uliginosa* var. *peracuta* and *Solidago uliginosa* var. *uliginosa*  
Add *Persicaria filiformis* as nonnative, naturalized  
Add *Hexasepalum* as an accepted genus  
Change *Diodia teres* to *Hexasepalum teres*  
Add *Dactylorhiza* as an accepted genus  
Change *Coeloglossum viride* to *Dactylorhiza viridis*  
Add *Palustricodon* as an accepted genus  
Change *Campanula aparinoides* to *Palustricodon aparinoides*  
Change *Myosoton aquaticum* to *Stellaria aquatica*  
Change *Viola bicolor* to *Viola rafinesquei*  
Add *Cubelium* as an accepted genus  
Change *Hybanthus concolor* to *Cubelium concolor*  
Change *Viola pallens* to *Viola minuscula*  
Change *Viola pallens* × *V. primulifolia* to *Viola minuscula* × *V. primulifolia*  
Change *Viola lanceolata* × *V. pallens* to *Viola lanceolata* × *V. minuscula*  
Change *Tiarella cordifolia* to *Tiarella stolonifera*  
Change *Isoetes lacustris* to *Isoetes macrospora*  
Add *Emilia* as an accepted genus  
Add *Emilia sonchifolia* as nonnative, not naturalized  
Change *Carex viridula* ssp. *viridula* to *Carex oederi* ssp. *oederi*  
Change *C. flava* × *C. viridula* = *C. ×ruedtii* to *C. flava* × *C. oederi* = *C. ×subviridula*  
Change *Piaropus crassipes* to *Oshuna crassipes*  
Change *Ulmus procera* to *U. minor*  
Change *Cycloloma atriplicifolium* to *Dysphania atriplicifolia*  
Add *Petrosedum* as an accepted genus  
Add *Petrosedum forsterianum* × *P. thartii* as nonnative, unknown nonnative status  
Remove *Petrosedum rupestre*  
Change to *Stellaria holostea* to *Rabelera holostea*  
Change *Trichophorum cespitosum* ssp. *cespitosum* to *Trichophorum cespitosum*  
Add *Cyperus grayi* × *C. lupulinus* as native  
Add *Juncus vaseyi* as native  
Change *Juncus ensifolius* var. *ensifolius* from unknown nativity status to nonnative, naturalized  
Add *Juncus scirpoides* var. *compositus* as native  
Add *Campanulastrum* as an accepted genus  
Change *Campanula americana* to *Campanulastrum americanum*  
Add *Eriochloa villosa* as nonnative, naturalized  
Change the spelling of *Dryopteris goldiana* to *Dryopteris goldieana*  
Change *Juncus conglomeratus* from unknown nonnative to naturalized

Change *Carex cryptolepis* × *C. viridula* to *Carex cryptolepis* × *C. oederi*  
 Add *Pourthiaea* as an accepted genus  
 Change *Photinia villosa* to *Pourthiaea villosa*  
 Remove *Bolboschoenus maritimus* ssp. *maritimus*  
 Add *Trillium cuneatum* as nonnative, naturalized  
 Add *Euphorbia oblongata* as nonnative, not naturalized  
 Change *Geum aleppicum* × *G. canadense* to *Geum aleppicum* × *G. canadense* = *G. ×hainesianum*  
 Change *Rabelera holostea* from not naturalized to naturalized  
 Add *Carex tenuiflora* × *C. trisperma* = *C. ×trichina* as native  
 Add *Carex arcta* × *C. brunnescens* as native  
 Change *Juncus brevicaudatus* to *Juncus tweedyi*  
 Change *Veronica triphyllos* from not naturalized to naturalized  
 Change *Fallopia ciliinodis* to *Parogonum ciliinode* - note that the original spelling of specific epithet of the basionym *Polygonum ciliinode* was *cilinode*, which under the ICN is correctable to *ciliinode*. Therefore all the specific epithets based on this basionym are corrected to have a double "ii" replacing the single "i".  
 Add *Carex cryptolepis* × *C. flava* as native  
 Add *Luzula campestris* as nonnative, naturalized  
 Add *Carex muskingumensis* as nonnative, naturalized  
 Change *Viola pubescens* var. *pubescens* to *Viola pubescens*  
 Change *Viola pubescens* var. *scabriuscula* to *Viola eriocarpa*  
 Change *Viola sagittata* var. *sagittata* to *Viola sagittata*  
 Change *Viola sagittata* var. *ovata* to *Viola fimbriatula*  
 Add *Viola emarginata* as native  
 Change *Viola affinis* × *V. sagittata* var. *sagittata* to *Viola affinis* × *V. sagittata*  
 Change *Viola brittoniana* × *V. sagittata* var. *sagittata* to *Viola brittoniana* × *V. sagittata*  
 Change *Viola cucullata* × *V. sagittata* var. *sagittata* to *Viola cucullata* × *V. sagittata*  
 Change *Viola palmata* to *Viola palmata* var. *triloba*  
 Change *Viola palmata* × *V. sagittata* var. *sagittata* to *Viola palmata* var. *triloba* × *V. sagittata*  
 Change *Viola sagittata* var. *sagittata* × *V. sororia* to *Viola sagittata* × *V. sororia*  
 Change *Viola sagittata* var. *sagittata* × *V. sagittata* var. *ovata* to *Viola fimbriatula* × *V. sagittata*  
 Change *Viola sagittata* var. *sagittata* × *V. subsinuata* to *Viola sagittata* × *V. subsinuata*  
 Change *Viola sagittata* var. *sagittata* × *V. septentrionalis* to *Viola sagittata* × *V. septentrionalis*  
 Change *Viola affinis* × *V. sagittata* var. *ovata* to *Viola affinis* × *V. fimbriatula*  
 Change *Viola brittoniana* × *V. sagittata* var. *ovata* to *Viola brittoniana* × *V. fimbriatula*  
 Change *Viola cucullata* × *V. sagittata* var. *ovata* to *Viola cucullata* × *V. fimbriatula*  
 Change *Viola hirsutula* × *V. sagittata* var. *ovata* to *Viola fimbriatula* × *V. hirsutula*  
 Change *Viola palmata* × *V. sagittata* var. *ovata* to *Viola fimbriatula* × *V. palmata* var. *triloba*  
 Change *Viola sagittata* var. *ovata* × *V. septentrionalis* to *Viola fimbriatula* × *V. septentrionalis*  
 Change *Viola sagittata* var. *ovata* × *V. sororia* to *Viola fimbriatula* × *V. sororia*  
 Change *Viola sagittata* var. *ovata* × *V. subsinuata* to *Viola fimbriatula* × *V. subsinuata*  
 Change *Viola affinis* × *V. palmata* to *Viola affinis* × *V. palmata* var. *triloba*  
 Change *Viola brittoniana* × *V. palmata* to *Viola brittoniana* × *V. palmata* var. *triloba*  
 Change *Viola cucullata* × *V. palmata* to *Viola cucullata* × *V. palmata* var. *triloba*  
 Change *Viola palmata* × *V. sororia* to *Viola palmata* var. *triloba* × *V. sororia*  
 Change *Viola canadensis* var. *canadensis* to *Viola canadensis*  
 Split *Viola blanda* into *Viola blanda* and *Viola incognita*  
 Add *Viola arcuata* as nonnative, naturalized  
 Add *Viola prionantha* as nonnative, not naturalized  
 Add *Viola patrinii* as nonnative, naturalized  
 Add *Viola baxteri* as native  
 Add *Phegopteris excelsior* as native  
 Add *Viola communis* as native  
 Add *Chasmanthium latifolium* as nonnative, not naturalized  
 Change Adoxaceae to Viburnaceae  
 Change *Equisetum hyemale* × *E. variegatum* = *E. ×mackayi* to *Equisetum hyemale* × *E. variegatum* = *E. ×trachyodon*  
 Change *Viola pedata* var. *pedata* to *Viola pedata* ssp. *pedata*

Add *Acalypha setosa* as nonnative, not naturalized  
Add *Juniperus chinensis* as nonnative, naturalized  
Add *Juniperus rigida* var. *conferta* as nonnative, naturalized  
Add *Tilia tomentosa* as nonnative, unknown nonnative status  
Add *Clerodendrum trichotomum* as nonnative, naturalized  
Add *Prunus speciosa* as nonnative, naturalized  
Change *Alopecurus arundinaceus* from not naturalized to naturalized  
Add *Puccinellia nuttalliana* as nonnative, not naturalized  
Change *Sporobolus rigidus* var. *magnus* from not naturalized to naturalized  
Remove *Poa interior*  
Add *Carex hystericina* × *C. schweinitzii* as native  
Change *Sagittaria spatulata* to *Sagittaria spongiosa*

#### **Excluded List**

Remove *Ulmus minor*  
Change *Ulmus glabra* × *U. procera* to *Ulmus glabra* × *U. minor*  
Add *Petrosedum rupestre*  
Change *Sedum ochroleucum* to *Petrosedum ochroleucum*  
Remove *Juncus scirpoides* var. *compositus*  
Remove *Elymus glabriflorus* var. *glabriflorus*  
Add *Bolboschoenus maritimus* ssp. *maritimus*  
Remove *Juncus vaseyi*  
Remove *Luzula campestris*  
Change *Viola canadensis* var. *rugulosa* to *Viola rugulosa*  
Add *Viola japonica*  
Remove *Puccinellia nuttalliana*  
Add *Poa interior*