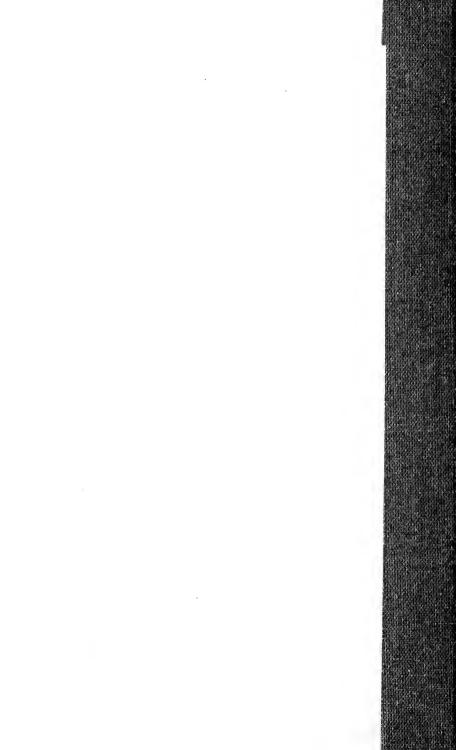
QK 127 .D72	2				
		Alfred on the	of	Connect	cicut



. . 

# Connecticut School Document

212

### No. 16-1901

(WHOLE NUMBER - 198)

Notes on the Flora of Connecticut





## **MEMBERS**

#### OF THE

## State Board of Education

## 1901

GEORGE P. McLEAN, Governor .	•	•		Simsbury
EDWIN O. KEELER, LIEUTGOVERNOR				Norwalk
GEORGE M. CARRINGTON				Winsted
WILLIAM G. SUMNER				New Haven
EDWARD D. ROBBINS				Wethersfield
WILLIAM H. PALMER, JR.,	•		•	Norwich

### SECRETARY OF THE BOARD

CHARLES D. HINE, Hartford

OFFICE ROOM 42, CAPITOL, Hartford

## NOTES ON THE FLORA OF CONNECTICUT

PREPARED BY

#### A. W. DRIGGS

In the preparation of these notes I have received generous assistance from the following persons: Dr. B. L. Robinson and Mr. Merritt L. Fernald of the Gray Herbarium; Prof. F. Lamson-Scribner of the Div. of Agrostology at Washington; Mr. C. A. Weatherby, East Hartford; Mr. Hans J. Koehler, Hartford; Mr. E. H. Austin, Gaylordsville; Mr. Irving Holcomb, Granby; Mr. H. S. Clark, Mr. John T. Withers, Mr. E. C. Swan, Hartford; Dr. C. B. Graves, New London; Mr. M. B. Tobey, Canaan; Prof. J. B. McLean, Simsbury; Mr. James N. Bishop, Plainville; Mrs. Elisha E. Rogers, Norwich; Miss Henrietta C. Devon, Highland Park; Miss May L. White, Colebrook; Mr. Thos. W. Harvey, Jr., Orange, N. J.; Members of the Hartford Scientific Society and the New England Botany Club.

March 1, 1901.

A. W. DRIGGS.

NOTE — Species with the dagger (†) prefixed were not listed in the State Catalogue of 1895, nor in the "Additions and Corrections" of the same

Species with the asterisk (\*) prefixed have been recognized since the publication of the Sixth Edition of Gray's Manual. Descriptions of most of these species may be found in Britton and Brown's "Illustrated Flora of the Northern United States and Canada"

## FLORA OF CONNECTICUT

#### Adder's Tongue Family

+ GRAPE FERN Botrychium matricariæfolium Braun

Gaylordsville, several plants

West Hartford, summit of the Talcott Mt. Range; rare (Weatherby-Driggs)

Adder's-Tongue Ophioglossum vulgatum Linnæus

East Hartford, pastures about Long Hill, frequent Gaylordsville, locally abundant

Glastonbury, pastures along Salmon Brook; well distributed

Granby, rare

. .

Hartford, locally abundant in Kenev Park

Manchester, open ground west of the power house; abundant South Windsor, old bogs near Burnham St; well distributed West Hartford, near the reservoirs; one station known

#### Apple Family

COCKSPUR THORN Cratagus Crus-galli Linnæus

Granby, rare Hartford, hillsides.and old pastures; frequent New London County, plains; rare North Bloomfield, uncultivated hillsides; frequent

AMERICAN MOUNTAIN ASH Pyrus Americana DeCandolle

Granby, occasional Salisbury, occasional

#### Arum Family

GREEN DRAGON Arisæma Dracontium Schott

East Hartford, local in the Connecticut meadows Gaylordsville, banks of the Housatonic River; alluvial soil New London County only one station known

#### Barberry Family

EUROPEAN BARBERRY Berberis vulgaris Linnæus

Hartford, occasional

New London County, roadsides and old fields; common South Windsor, common on high banks of the Podunk River Torrington, along roadsides

West Hartford, open ground near the reservoirs; several plants Windsor, T. S. Loomis estate and vieinity, (Kœhler-Withers

#### **Bayberry Family**

WAX-MYRTLE Myrica cerifera Linnæus

Branford, hills along the coast (Clark) East Hartford, dry hills in the eastern part of the town; frequent Glastonbury, banks along Cold Brook; quite noticeable Hartford, dry upland ground; frequent (Withers) Manehester, fields along the middle turnpike; common New London County, dry sandy and stony soil; common

SWEET GALE Myrica Gale Linnaus

East Granby, (Holcomb)

Salisbury, along mountain streams and rivulets; common Stafford, influence of water courses; frequent

#### **Bellflower Family**

WATER LOBELIA Lobelia Dortmanna Linnæus

Salisbury, borders of the lake; frequent

#### Bladderwort Family

SWOLLEN BLADDERWORT Utricularia inflata Walter Windsor, common in ponds on the Goodwin estate

#### **Borage Family**

VIPER'S BUGLOSS Echium vulgare Linnæus

Canaan, fields (Tobey) Poquonock, open field; abundant (Clark)

#### **Buckbean Family**

BUCKBEAN Menyanthes trifoliata Linnæus

Granby, common in places Hartford, southern part of the town; very local (Clark)

#### **Buckwheat Family**

SWAMP PERSICARIA Polygonum Muhlenbergii Watson Poquonock, pond margins on the Goodwin estate

#### **Carrot** Family

PUBESCENT ANGELICA Angelica hirsuta Muhlenberg East Canaan, in woods (Harvey) Salisbury, bog-land and clearings; occasional

GOLDEN MEADOW-PARSNIP Zizia aurea Koch

Hartford, Litchfield and Tolland Counties; common throughout

#### **Chicory Family**

FIELD HAWK-WEED Hieracium pratense Tausch

Burlington, cultivated ground; few plants (Bishop-Clark) A recent addition to our flora

ARROW-LEAVED LETTUCE Lactuca integrifolia. Bigelow

Hartford, scattering plants in Keney Park Stafford, roadsides and hill-pastures; occasional

TALL BLUE LETTUCE Lactuca Leucophaa Gray

Hartford, quite a colony of it in Keney Park West Hartford, reservoir drive near Albany Avenue Winsted, waste ground about the town

+ \* TALL RATTLESNAKE-ROOT Nabalus trifoliolatus Cassini

Hartford, occasional in Keney Park Windsor, open woods (Clark)

#### **Climbing Fern Family**

HARTFORD FERN Lygodium palmatum Swartz

Granby, rare East Hartford, three stations known East Windsor, near the depot by the roadside South Windsor, pine woods near the paper-mill

#### **Club-Moss Family**

CLUB-MOSS Lycopodium clavatum Linnæus

East Hartford, low woods and thickets; frequent Gaylordsville; common Hartford, local in Keney Park Manchester, not in great quantity New London County, sandy soil in woods; rare Norwich, local Salisbury, margin of sphagnum bogs South Windsor, occasional places throughout the swamps Windsor, deep woods along the brooks

#### **Crowfoot Family**

LONG-FRUITED ANEMONE Anemone cylindrica Gray Avon, mountain pastures; frequent Farmington, roadsides about Rattlesnake Mt; common New London County, dry sandy or stony soil; very rare North Canaan, Salisbury, Stafford; dry ground, woods and pastures

PURPLE VIRGIN'S BOWER *Clematis verticillaris* DeCandolle Granby, common in places Farmington, Rattlesnake Mt., in broken trap rock; rare

SHARP-LOBED LIVER-LEAF *Hepatica acutiloba* DeCandolle Canaan, mountain woods; scarce

WATER PLANTAIN SPEARWORT *Ranunculus ambigens* watson Common throughout Hartford County

EARLY BUTTERCUP Ranunculus fascicularis Muhlenberg Bloomfield, open woods along the Farmington River Farmington, open places on Rattlesnake Mt Middletown, mountain slopes about White Rocks; well distributed

BRISTLY BUTTERCUP *Ranunculus Pennsylvanicus* Linnæus Canaan, main roadside west of the mountain; not rare

PURPLISH MEADOW-RUE *Thalictrum purpurascens* Linnæus New London County; usually in moist soil, edges of meadows, etc

#### **Dogwood Family**

ROUND-LEAVED DOGWOOD *Cornus circinata* L'Heritier de Brutelle Common in the western ; art, much less in the eastern

DWARF CORNEL Cornus Canadensis Linnæus

East Hartford, deep pine woods; very rare

Litchfield County, frequent or common throughout

Manchester, depressions north of the power house

New London County, borders of cedar swamps; very rare and local Poquonock, scattered plants

Tolland County, usually under heavy pine growth

FLOWERING DOGWOOD Cornus florida Linnæus

Well distributed Collected extensively at flowering time for decorative purposes

SILKY CORNEL Cornus sericea Linnæus

The most abundant of the cornels

RED-OSIER DOGWOOD *Cornus stolonifera* Michaux The least frequent of the cornels

#### **Evening-Primrose Family**

SMALLER ENCHANTER'S NIGHTSHADE Circa alpina Linnaus

East Hartford, locally rare Gaylordsville, damp woods; frequent Manchester, not rare in places Canaan, Torrington, Salisbury, Winchester; not rare Stafford, deep pine woods; frequent New London County, rocky slopes; very rare

SINUATE-LEAVED EVENING PRIMROSE (Enothera sinuata Linnæus East Hartford, introduced with grain

#### Fern Family

BOOTT'S SHIELD-FERN Aspidium Boottii Tuckerman

Hartford, low woods along the mid-road in Keney Park South Windsor, one station known

WALL RUE SPLEENWORT Asplenium Ruta-muraria Linnæus

Salisbury, rocks and cliffs; scarce

WALKING FERN Camptosorus rhizophyllus Link

Bolton Notch, face of rocks near the cavern Bloomfield, solitary bowlders; not common Canaan, limestone formation; abundant in places Farmington, cliffs and bowlders; not rare Granby, rare Manchester, Highland Park vicinity; rare (Miss Devon) Plainville, overhanging rocks and detached bowlders; frequent Salisbury, Toms and Miles Mts; etc Simsbury, ledges on Talcott Mt Southington, on bowlders (not limestone) Lake Compounce region

BULBLET CYSTOPTERIS Cystopteris bulbifera Bernhardi

Canaan, moist limestone rocks; common Salisbury, Twin Lakes region (Harvey) CLIFF-BRAKE Pellaa atropurpurea Link

Granby, rare

West Hartford, cliffs of Talcott Mt; rare and local (Clark) Salisbury, occurs sparingly

#### BLUNT-LOBED WOODSIA Woodsia obtusa Torrey

Hartford, Hemlock Gorge in Keney Park; very rare and local Farmington, one known station on Rattlesnake Mt; few plants North Canaan, mountain cliffs not easy of access Salisbury, shelving faces of rocks Southington, ledges west of Lake Compounce West Hartford, Talcott Mt. west of reservoir No. 3

NET-VEINED CHAIN-FERN Woodwardia angustifolia Smith

East Hartford, very local and scarce

CHAIN-FERN IVoodwardia Virginica Smith

East Hartford, East Windsor, Hartford, South Windsor, Windsor The typical ferm of the sphagnum bogs; abu. dant and prolific

#### **Figwort Family**

SCARLET PAINTED-CUP Castilleja coccinea Linnæus

Gaylordsville, locally abundant Glastonbury, old pastures along Salmon Brook; abundant Granby, occasional Litchfield, reported as scarce Manchester, abundant in several fields New London County, meadows near brooks; not common

Donuoli county, meadows near brooks, not common

SMALL-FLOWERED GERARDIA Gerardia paupercula Britton

East Hartford, wet sandy soil on Burnham Street; not plentiful Hartford, open meadows in Keney Park near the Alms-house Manchester, wet gravel-soil on Birch Mt Orange, in wet places; common (Clark) South Windsor, pond margin at Pleasant Valley Stafford, moist roadsides; well distributed

SMOOTH BEARD-TONGUE Penstemon lavigatus Solander

East Hartford, cultivated meadows along the Conn. River (Clark) Manchester, introduced with grass seed

MONKEY-FLOWER Mimulus alatus Aiton

East Hartford, meadows along the Hockanum River (Smith) Hartford, meadows along the Connecticut River (Ciark) Windsor, several plants at one station

#### **Gentian Family**

White varieties of the fringed and closed gentian have been reported from various parts of the state

Ague-weed *Gentiana quinquefolia* Linnæus North Canaan, mountain pastures; frequent

#### Ginseng Family

BRISTLY SARSAPARILLA Aralia hispida Ventenat

East Hartford, wood-bogs and clearings, two stations known New London County, dry sand or stony soil; not common Salisbury, Torrington, Winsted; common Stafford, crevices of rocks; apparently well distributed

GINSENG Aralia quinquefolia Decaisne & Planchon

Granby, occasional

Southington, has been gathered west of Lake Compounce West Hartford, in places along the Talcott Range

#### Gooseberry Family

WILD GOOSEBERRY Ribes Cynosbati Linnæus

Canaan, fields and woods; frequent Salisbury, Stafford, Tolland; occasional

#### **Goosefoot Family**

MEXICAN TEA Chenopodium ambrosioides Linnæus

Thoroughly established in waste places throughout the city of Hartford, and spreading to adjacent towns

RUSSIAN THISTLE Salsola Tragus Linnaus

Westbrook, not plentiful (Clark) A recent addition to our flora

#### Grass Family

FLATTENED WILD OAT-GRASS *Danthonia compressa* Austin East Hartford, sandy woods on Goodwin Street; one station known

STRONG-SCENTED ERAGROSTIS Eragrostis major Host

Frequent, becoming more so

\* \* BARBED PANICUM Panicum barbulatum Michaux

Hartford, has been collected in Keney Park South Windsor, (Weatherby) + \* LARGE-FRUITED PANICUM Panicum macrocarpon Le Conte

Hartford, roadsides and margins of woods; frequent South Windsor, waste places and open ground; plentiful

+ \* ROUND-FRUITED PANICUM Panicum sphærocarpon Elliott

Hartford, has been collected in quantity in Keney Park Manchester, (Weatherby)

† SLENDER PANICUM *Panicum xanthophysum* Gray South Windsor, in sandy soil near the brick kilns: few plants

#### Heath Family

Swamp Leucotноё *Leucothoë racemosa* Gray East Hartfor<sup>†</sup>, ditches along Park Avenue; plentiful Haddam Neck (Swan)

GREAT LAUREL Rhododendron maximum Linnæus

Barkhamsted, loca<sup>+</sup> and rare (Holcomb) Union, near Lake Mashapaug

#### RHODORA Rhododendron Rhodora Don

East Hartford, thickets and old bogs; not frequent Hartford, original localities in Keney Park are becoming extinct Manchester, old pastures at Williams' R. R. crossing Salisbury, open woods and pasture bogs South Windsor, wood-roads throughout the swales and clearings

SWAMP HONEYSUCKLE Rhododendron viscosum Torrey

Canaan, scarce (Tobey) Generally common throughout the state

GLAUCOUS AZALEA Rhododendron viscosa glauca Michaux

Hartford, plentiful in Keney Park South Windsor, low woods and sphagnum bogs; common

#### Holly Family

SMOOTH WINIER-BERRY Ilex lavigata Gray

East Hartford, Hartford, South Windsor, Windsor, etc Open, low woods, bogs and swamps; frequent

MOUNTAIN HOLLY Nemopanthes fascicularis Muhlenberg

East Hartford, Hartford Windsor, East Windsor, South Windsor, East Windsor Hill; common in low woods throughout

#### **Honeysuckle Family**

TWIN-FLOWER Linnæa borealis Linnæus

Granby, rare

† MOUNTAIN FLY HONEYSUCKLE Lonicera carulea Linnæus Stafford, common in local high bogs The fruit is collected for cooking purposes

AMERICAN FLY HONEYSUCKLE Lonicera ciliata Muhlenberg Granby, occasional Torrington, wooded banks along Hart Brook Winsted, open mountain slopes along the railroad

TRUMPET HONEYSUCKLE *Lonicera sempervirens* Linnæus South Windsor, open field near the depot; scarce

WITHE-ROD *Viburnum cassinoides* Linnxus Hartford, East Hartford, Glastonbury, Manchester, South Windsor, Windsor, Granby; common in low woods Gaylordsville, very rare Stafford, thickets and low bogs; not common

SHEEP-BERRY *Viburnum Lentago* Linnæus Less frequent in Hartford County than V. cassinoides

HOBBLE-BUSH Viburnum lantanoides Michaux

Barkhamsted, about Riverton; not abundant Canaan, on the mountain; plentiful Salisbury, along the roadside to Mt. Riga; frequent Torrington, by mountain streams; not common Winsted, woods about Highland Lake; becoming scarce

CRANBERRY-TREE Viburnum Opulus Linnæus

Canaan, wooded streams; not rare East Windsor, open swales and clearings; scarce Gaylordsville, swampy, wet places; common Glastonbury brooksides; occasional Granby, occasional New London County, frequent Salisbury, upland bogs; frequent Stafford, hillside-pastures; not plentiful

#### **Huckleberry** Family

CREEPING SNOWBERRY Chiogenes serpyllifolia Salisbury

Burlington, in sphagnum (Bishop-Clark) Salisbury, margin of Bingham Pond; abundant

#### Iris Family

STOUT BLUE-EVED GRASS *Sisyrinchium anceps* Cavanilles Hartford, East Hartford, Windsor, South Windsor, etc In open meadows, grass-land and pasture-bogs; common

#### Jewel-weed Family

PALE TOUCH-ME-NOT *Impatiens pallida* Nuttall Canaan, low grounds near the depot; one station Gaylordsville not rare

#### Lily-of-the-Valley Family

YELLOW CLINTONIA Clintonia borealis Rafinesque-Schmaltz

Canaan, Gaylordsville, Salisbury, Torrington, Winchester; abundant East Hartford, wooded depressions along Forbes St; locally abundant Manchester, deep swales north of R. R. at Williams' crossing; in quantity

New Hartford, West Hill Pond vicinity; common (Clark) Stafford, under pine growth; not plentiful throughout

PAINTED TRILLIUM *Trillium erythrocarpum* Michaux Canaau, Torrington, Winchester; often plentiful in rich woods Hartford, one station in Keney Park Granby, scarce South Windsor, deep woods; scarce

#### Loosestrife Family

WINGED-ANGLED LOOSESTRIFE Lythrum alatum Pursh Hartford, in city limits; one station (Clark)

PURPLE LOOSESTRIFE Lythrum Salicaria Linnæus Haddam Neck, very vigorous growth in a meadow-bog (Swan)

#### **Maple Family**

SILVER MAPLE Acer dasycarpum Ehrhart

East Hartford, Connecticut River front and meadows; common Gaylordsville, common Granby, rare Hartford, well distributed New London County, river banks South Windsor, roadsides and meadows, etc; common

STRIPED MAPLE Acer Pennsylvanicum Linnæus

Bloomfield, plentiful Canaan, Salisbury, Torrington, Winchester; common Farmington, slopes of Rattlesnake Mt; well distributed Gaylordsville, in proper places Manchester, Highland Park region; frequent Middletown, throughout the vicinity of white Rocks Simsbury, headlands of the Talcott Mt. Range; abundant

#### MOUNTAIN MAPLE Acer spicatum Lamarck

Canaan, Salisbury, Torrington, Winchester; common Gaylordsville, several localities Hartford, rare eastward Plainville, Farmington, Granby, Avon; frequent West Hartford, Talcott Mt. Range; common Winsted, Winchester, Litchfield, etc

+ Box ELDER Negundo aceroides Manch

Gaylordsville, banks of the Housatonic River

#### Meadow-Beauty Family

MEADOW-BEAUTY Rhexia Virginica Linnæus

Connecticut and Farmington Valleys; common New London County, open meadows; common

#### **Mezereum Family**

LEATHERWOOD Direa palustris Linnæus

Bloomfield, ravine south of Tariffville; abundant (Clark) East Hartford, scarce; one station known Farmington, wooded mountain brooks; local Gaylordsville, along the Housatonic River Granby, common Plainville, rich mountain woods; frequent West Hartford, about the reservoirs; many plants

#### **Mint Family**

WILD BERGAMOT Monarda fistulosa Linnæus

Avon, mountain pastures; frequent Bloomfield, occasional (Withers) Hartford, Manchester, South Windsor; frequent Wethersfield, roadside near Cedar Mt; scattering plants (Clark) West Hartford, reservoir drives; locally common

FALSE DRAGON-HEAD Physostegia Virginiana Bentham

East Canaan, near the Blackberry River; a few specimens (Harvey) South Windsor, a few plants from a sandy plain Winsted. locally plentiful HYSSOF SKULLCAP Scutellaria integrifolia Linnæus East Hartford, low ground near Fox Hill; one plant (Weatherby) Hartford, one station of few plants in Keney Park South Windsor, open meadows along Podunk Brook; scaree

CREEPING THYME *Thymus Serpyllum* Linnæus Manchester, a plot near Olcott's grass garden

#### Morning-Glory Family

SMALL BINDWEED *Convolvulus arvensis* Linnæus Hartford, rare and local (Clark)

#### Mustard Family

PURPLE ROCK-CRESS *Arabis confinis* S. Watson Bloomfield, rocky places; rare West Hartford, crags and ledges on Talcott Mt; very rare

HAIRY ROCK-CRESS *Arabis hirsuta* Scopoli Bolton Notch, face of rocks opposite the depot; local

† \* SMALL-FLOWERED BITTER-CRESS Cardomine parviflora Linnæus Southington, flat rocks well up the mountain near Lake Compounce

YELLOW CRESS Nasturtium sylvestre Robert Brown

Hartford, meadows and roadsides; this is the most abundant of the water-cresses, forming large mats which at flowering time are quite noticeable

#### Orchid Family

PUTTY-ROOT Aplectrum hiemale Nuttall

Simsbury, rare (Holcomb) West Hartford, in the mountains (Clark)

† SMALL WHITE LADY'S SLIPPER Cypripedium candidum Muhlenberg Simsbury, rare (Holcomb-McLean)

YELLOW LADY'S SLIPPER Cypripedium pubescens Willdenow Bloomfield, low river woods near the power house Granby, occasional New London County, woods; very rare North Canaan, low elevations about the mountains Plainville, mountain slopes near the head of the Meriden Range Poquonock, low woods along the rivers West Hartford, reservoir region; not common † \* RATTLESNAKE PLANTAIN Goodyera tesselata Loddiges East Hartford, west slope of Long Hill; rare (Weatherby-1893) '' '' low woods in the vicinity of Burnham Street (Kœhler) Gaylordsville, two known stations

Granby, occasional

South Windsor, very dry pine woods in sandy soil; one station See "Rhodora" Journal of the New England Bot. Club 1: 6 1899

LONG-BRACTED ORCHIS Habenaria bracteata R. Brown Farmington, rich woods about Rattlesnake Mt; occasional Gaylordsville, rich soil; well distributed Middletown, throughout the vicinity of White Rocks Plainville, near White Oak grove; scattering plants Windsor, east bank of the Farmington River near Poquonock The most frequent rein-orchis of the Talcott Mt. Range

HOOKER'S ORCHIS Habenaria Hookeri Torrey

Farmington, west slope of Rattlesnake Mt. near the northern head Granby, occasional

Manchester, east slope of the north hill at Williams' R. R. crossing

Middletown, ravines in the vicinity of White Rocks

New London County, only one station known

North Canaan, mountain woods; frequent

Poquonock, woodland valleys along the east bank of the Farmington river

TALL LEAFY GREEN ORCHIS Habenaria hyperborea R. Brown Canaan, west slope of the mountain; scattered plants

TWAYBLADE Liparis Læselii Richardson

East Hartford, one plant in Burnside-1894 Granby, rare; two plants Wapping, open meadows; one station recorded

NODDING POGONIA *Pogonia pendula* Lindley Evidently rare in the northern part of the state

WHORLED POGONIA Pogonia verticillata Nuttall

Most frequent in the low sandy woods of the valleys

#### Showy ORCHIS Orchis spectabilis Linnæus

Bloomfield, near the gorge; in soil of its preference
Farmington, Talcott Mt. Range; found only in rich leaf mold
Granby, occasional
Middletown, vicinity of White Rocks; scarce
North Canaan, distributed throughout the mountains; in rich soil
Plainville, mountain woods near White Oak grove; scattering plants
Southington, vicinity of Compounce Lake; not plentiful
Windsor, a handsome variety with pure white flowers has been collected in quantity

LADIES' TRESSES Spiranthes præcox Watson

Hartford County, here and there a plant New London County, usually open sandy soil; frequent

#### Pea Family

HOARY TICK-TREFOIL *Desmodium canescens* DeCandolle Conflecticut Valley, sandy roadsides and plains; common

HAIRY SMALL-LEAVED TICK-TREFOIL *Desmodium ciliare* DeCandolle Manchester, dry barren soil on hillsides; scarce

YELLOW VETCHLING Lathyrus pratensis Linnæus

Hartford, burying ground on Maple Avenue (Clark) A recent addition to our flora

+ WAND-LIKE BUSH CLOVER Lespedeza frutescens Britton

East Hartford, dry open woods in eastern part of the town (Weatherby) Rainbow, dry soil; frequent (Clark) Salisbury, sterile soil on south slope of Toms Mt; few plants

KIDNEY BEAN Phaseolus perennis Walter

Has not been reported from the following:---Hartford, Litchfield, New London nor Tolland Counties

#### WILD BEAN Strophostyles angulosa Elliot

Hartford, one station (Clark) New London, dry sandy soil; common The plant is evidently rare in the northern part of the state

GOAT'S RUE Tephrosia Virginiana Persoon

East Haddam, station is becoming extinct (Swan) East Hartford, one station; few plants Gaylordsville, hills or mountains; dry barren soil Manchester, sandy woods near Olcott's turf garden New London County, dry soil; local South Windsor, in pure sand; local Windsor, in sand; two stations

#### **Phlox Family**

GROUND PINK Phlor subulata Linnæus

Bloomfield, completely escaped from cultivation (Clark) East Hartford, thoroughly established in old cemeteries A recent addition to our flora

#### Pine Family

+ \* SPREADING JUNIFER Juniperus communis Canadensis Loddiges

Specimens of the type have not been collected in the northern part of the state; this variety is well distributed

See J. C. Loudon's "Arboretum et Fruticetum Brittanicum" Abr. Ed. 1853, pp. 1,082

† CANADIAN PINE *Pinus resinosa* Aiton Salisbury, west shore of Grass Pond; rare

#### Pink Family

NODDING CHICKWEED Cerastium nutans Rafinesque-Schmaltz East Hartford, about the greenhouses; abundant

+ RAGGED ROBIN Lychnis Flos-cuculi Linnæus Hartford, Connecticut meadows; scattering plants (Clark)

CORN COCKLE Lychnis Githago Linnæus East Hartford, introduced with grain (Smith) New Haven, roadside plants in city limits (Clark)

PROCUMBENT PEARLWORT Sagina procumbens Linnæus Farmington, local and scarce; one station known Manchester, ravine of Bigelow Brook; very local

SWEET WILLIAM Silene Armeria Linnæus East Hartford, South Windsor, Stafford; a frequent escape

#### Plantain Family

LARGE-BRACTED PLANTAIN Plantago Patagonica aristata Gray

East Hartford, newly made ground on South Main Street Farmington, newly made ground (Weatherby) Hartford, waste ground in Keney Park South Manchester, sandy fields near the engine-house; abundant Its increase of distribution is very noticeable

#### **Plum Family**

#### SAND CHERRY Prunus pumila Linnæus

East Hartford, in pure sand; frequent East Windsor, throughout the woodlands Farmington, gravelly soil about Rattlesnake Mt Granby, rare Hartford, sandy plains and woods; not rare Manchester, in sand; occasional Poquonock, sandy roadsides; conspicuous

#### Pondweed Family

SMALL PONDWEED Potamogeton pusillus Linnæus Hartford, Gully Brook in Keney Park; locally abundant

#### **Poppy Family**

DUTCHMAN'S BREECHES Dicentra Cucullaria DeCandolle

Farmington, gulches on Rattlesnake Mt; frequent Granby, rare Hartford, eastern slope of Cedar Mt; local (Clark) Plainville, rich woods along mountain rivulets West Hartford, leaf-mold in gullies on the Talcott Range

#### Purslane Family

CAROLINA SPRING BEAUTY Claytonia Caroliniana Michaux West Cornwall, (Austin)

SPRING BEAUTY Claytonia Virginica Linnæus East Hartford, low woods along the Hockanum River; local Gaylordsville, in the neighborhood Hartford, banks along the Park River; local Simsbury, two stations known (Holcomb) South Windsor, banks of the Podunk River near the mouth; local West Hartford, two stations known

#### **Rock-Rose Family**

† \* HOARY FROSTWEED Helianthemum majus Britton-Sterns-Poggenberg Hartford, poor soil in Keney Park; frequent

† \* LARGE-PODDED PIN-WEED Lechea intermedia Leggett Hartford, occasional in Keney Park Smith Street (Kœhler)

#### **Rose Family**

TALL CINQUE-FOIL *Potentilla arguta* Pursh The plant is not common throughout the state

THREE-TOOTHED CINQUE-FOIL *Potentilla tridentata* Solander Salisbury, bare summits of Mt. Riga and Bear Mt; abundant

CANADIAN BURNET *Poterium Canadense* Bentham & Hooker Poquonock, low open meadow; local (Kœhler)

SMOOTH Rose *Rosa blanda* Aiton Hartford, west bank of the Conn. River; well established (Kœhler)

#### **Rush Family**

SHARP-FRUITED RUSH *Juncus acuminatus* Michaux Hartford, influence of water courses in Keney Park; abundant South Windsor, water and wet soil about Vinton's Mill Pond; common Stafford, wet places throughout

GRASS-LEAVED RUSH Juncus marginatus Rostkovius Hartford, wet heavy soil; frequent Stafford, wet roadsides and meadow-pastures; frequent

#### St. John's-Wort Family

GREAT ST. JOHN'S-WORT Hypericum Ascyron Linnæus Canaan, along the Housatonic River; abundant Gaylordsville, common in several localities

#### Saxifrage Family

GRASS OF PARNASSUS Parnassia Caroliniana Michaux

East Hartford, open meadows; often abundant Hartford, in pasture-bogs throughout; in quantity New London County, wet meadows; frequent North Canaan, in great abundance (Harvey) Tolland County, bogs and mountain pastures; plentiful

FALSE MITRE-WORT Tiarella cordifolia Linnæus

Hartford County, rare eastward Litchfield County, abundant in rocky woods

#### Sedge Family

† BROAD-WINGED SEDGE Carex alata Torrey Hartford, along ditches in Keney Park; locally common

+ WOOLLY SEDGE Carex lanuginosa Michaux Hartford, frequent throughout

NECKLACE SEDGE Carex monile Tuckerman Hartford, in wet heavy soil; frequent

† POINTED BROOM SEDGE Carex scoparia Schkuhr Along the coast (Clark)

LITTLE PRICKLY SEDGE Carex sterilis Willdenow
 Open fields and meadows; abundant

† BLUNT BROOM SEDGE *Carex tribuloides* Muhlenberg One of our most common sedges + \* CAT-TAIL SEDGE Carex typhinoides Schweinitz
East Hartford, bog margius; one station known

† Fox SEDGE *Carex vulpinoidea* Michaux Hartford and adjacent towns; very abundant

SHINING CYPERUS *Cyperus rivularis* Kunth Hartford, wet ground in Keney Park; frequent

STRAW-COLORED CYPERUS *Cyperus strigosus* Linnæus East Hartford, Hartford; abundant Stafford, wet heavy soil; common

† WOOL-GRASS Eriophorum cyperinum laxum Watson & Coulter East Hartford, Hartford; open meadows and borders of swamps; common

† PAPILLOSE NUT-RUSH Scleria pauciflor a Muhlenberg Hartford, Keney Park vicinity; rare (Kochler)

TALL NUT-RUSH Scleria triglomerata Michaux Hartford, in Keney Park; scarce

#### Senna Family

PARTRIDGE PEA Cassia Chamæerista Linnæus Glastonbury, local (Clark) Hartford, in sand near Keney Park; locally abundant

#### Tape-Grass Family

WATER-WEED *Elodea Canadensis* Michaux Common in ponds and streams of the Connecticut Valley New London County, still or slowly running water; common

#### Thistle Family

LARGE-LEAVED ASTER Aster macrophyllus Linnæus Canaan, on the mountains where the soil is rich; common Hartford, wooded areas in good soil; frequent Stafford, in rich shaded woods; frequent West Hartford, reservoir region near Albany Avenue; noticeable

† \* TALL WHITE ASTER Aster paniculatus simplex Burgess Along the coast (Clark)

† \* VARIOUS-LEAVED ASTER Aster multiformis Burgess Near the coast, locality not recorded (Clark) † NORTHEASTERN ASTER Aster tardiflorus Linnæus East Hartford; a few plants only (Weatherby)

† MICHAELMAS DAISY Aster Tradescanti Linnæus East Hartford, distribution not known

SMALL BEGGAR-TICKS *Corcopsis discoidea* Torrey & Gray Hartford, moist waste places; one station known

GALINSOGA *Galinsoga parviflora* <sub>Cavanilles</sub> East Hartford, Governor Street; local and scarce Hartford, city streets (Clark)

DECURRENT EVERLASTING Gnaphalium decurrens Ives Canaan, Colebrook, Salisbury; dry hillsides Has not been reported from Hartford, New London nor Tolland Counties

THIN-LEAVED SUNFLOWER Helianthus decapetalus Linnæus Canaan, abundant on the mountain East Hartford, Prospect Street; one station Hartford, frequent about Keney Park Salisbury, frequent Its soil preference is variable

CLIMBING HEMP-WEED Mikania scandens Willdenow Bloomfield, one station (Clark) East Hartford, Burnside Mill Pond; one thicket Orange, near Merwin's Point; local (Clark) Plainville, pond margins; abundant

COLTSPOOT Tussilago Farfara Linnæus Canaan, has been collected in the northern part of the town Granby, occasional Windsor, in clay soil; somewhat local

#### Violet Family

+ \* OVATE-LEAVED VIOLET *Viola ovata* Nuttall Hartford County, probably more frequent than V. sagittata

BIRD'S-FOOT VIOLET *Viola pedata* Linnæus Connecticut Valley, sandy plains and woods Gaylordsville, hills and mountains; plentiful Granby, common in the southern part of the town, less so in the western and northern portions Litchfield, not common throughout the county Sand plains along the Hartford Div. of the Consolidated R. R. Canaan, Salisbury, Torrington, Winchester; common Gaylordsville, scattered plants in three known localities Glastonbury, high banks of Cold Brook; searce Manchester, ravine at Highland Park; local Southington, mountain slopes about Compounce Lake West Hartford, rivulets along the Talcott Range

#### Water-Leaf Family

WATER-LEAF Hydrophyllum Virginicum Linnæus

Gaylordsville, rich woods and wood-roads South Windsor, banks of the Podunk; local

#### Water-Milfoil Family

Low WATER-MILFOIL Myriophyllum ambiguum Nuttall Salisbury, margin of Grass Pond; abundant

#### Water-Plantain Family

GRASS-LEAVED SAGITTARIA Sagiitaria graminea Michaux

New Hartford, West Hill Pond; common (Clark) Rainbow, margm of pond; abundant (Clark)

+ SESSUE-FRUITED ARROW-HEAD Sagittaria heterophylla Pursh Hartford, west shore of the Conn. River near Fish-fry Point (Kochler)

#### Willow Family

COTTON WOOD Populus monilifera Aiton

Abundant along the Connecticut River

#### Yew Family

#### YEW Taxus Canadensis Willdenow

Canaan, Salisbury, Torrington, Winchester; common Gaylordsville, not rare Simsbury, on the mountains; common (Withers) Stafford, Bloomfield; frequent or common in proper places Windsor, rare

÷

