A CATALOGUE OF PLANTS...

JOHN WRIGHT
JAMES HALL
CATALOGUE OF PLANTS,
GROWING WITHOUT CULTIVATION,
IN THE
VICINITY OF TROY.
CALIFORNIA ACADEMY OF SCIENCES

Gift
Mrs. Lloyd Swift
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CATALOGUE OF PLANTS,
GROWING WITHOUT CULTIVATION,
IN
THE VICINITY OF TROY.

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AND
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The following Catalogue is intended to embrace the Phenogamous Plants and Ferns, growing spontaneously, within a circuit of 10 miles about Troy. Nearly all of them have been examined by ourselves within the last five or six years. A few which we have not seen, and some, the names of which are not decided, are marked with a ? after the specific name. We have added the popular characters of the Plants, and some brief remarks on their medicinal properties.

We are indebted to Prof. Eaton for valuable information, while preparing this Catalogue.

In 1819, the Troy Lyceum of Natural History appointed Prof. A. Eaton, and Dr. George Marvin, a committee to make a Catalogue of the Plants growing in the vicinity of Troy. A manuscript copy of a Catalogue, containing 774 species, was deposited in the Lyceum, by the committee. This Catalogue was mislaid, and was not found until preparations had been made for publishing the one now offered.

Rensselaer Institute, Troy, N. Y., March, 1836.

ABBREVIATIONS OF AUTHORS' NAMES.

Linn. Linneus. 
Moench. Moenchausen. 
P. de B. Palisot de Beauvois. 
Nutt. Nuttall. 
Spreng. Sprengel. 
Wildl. Willdenow. 
Muhl. Muhlenberg. 
Big. Bigelow. 
De Cand. De Candolle. 
Raf. Rafinesque.

ABBREVIATIONS FOR COLOR, &c.

ft. feet in height.


A. spicatum, Lamarck. Mountain Maple-bush. y-g. May. 8—12 ft. Shady banks of ravines.


A. alba, Big. w. May. 18—24 in. Berries white. Shady, moist woods.


AGROSTYRONE repens, P. de B. Couch Grass. Quack Grass. May. 18 in. Fields and fences.


A. *clandestina*? Spreng. Sept. 2 ft. Dry hills.


**Allium Canadense**, Linn. Meadow Garlic. *pale r*. May, June. 2 ft. 18 in. Wet meadows.


**Ambrosia trifida**, Willd. *g-y*. August. 4—8 ft. Alluvial soils, banks of streams, &c.


A. *furcatus*, Muhl. August. 2 ft. 2—4 ft. Gravelly soils on banks of streams.

A. *nutans*, Linn. August. 2 ft. 3—6 ft. Gravelly and sandy fields.

*Anemone Virginiana*, Linn. Wind Flower. g-w. July. 2 ft. 18 in. Dry open woods.

A. *nemorosa*, Linn. Low Anemone. r-w. May. 2 ft. 4—6 ft. Open woods. Root visicatory.

A. *thalictroides*, Linn. Rue Anemone. w. May. 2 ft. 6—10 in. Borders of woods.


Meadows.

A. *atropurpurea*, Linn. g-w. August. 21. 3—6 ft. River banks and wet meadows. Stomachic.


*Apocynum androsaemifolium*, Linn. Dog-bane. r-w. June. 2 ft. 3 ft. Fields. The root an emetic similar to ipecac in operation, deobstruent, and, in small doses, tonic.


A. *cannabinum*? Mich. g-w. July. 2 ft. 2—3 ft. Open fields and woods.

*Aquilegia Canadensis*, Linn. Wild Columbine. r. & y. April, May. 2 ft. 12—18 in. Rocks.

*Arabis lyrata*, Willd. w. April to Sept. 6—10 in. Rocks.

A. *laevigata*, Linn. w. May. 2 ft. 6—12 in. Rocky situations.

A. rhomboidea, Persoon. w. May. 2 ft. 6—12 in. Wet.
A. lyraefolia, Raf. w. June. 2 ft. 1—2 ft. Woods.
A. nudicaulis, Willd. Wild Sarsaparilla. w. May. 21. 18—24 in. The roots of this and of the preceding species, are stomachic, diaphoretic, and deobstruent.
Arbutus uva-ursi, Willd. Bearberry. w. May. 2 ft. Root and seeds diuretic, asstringent, and tonic.
Arenaria serpyllifolia, Linn. w. May—July. 3—8 in. Sandy fields and hills.
A. lateriflora, Linn. w. June. 6—10 in. Meadows.
A. Botryapium, Persoon. Shad-bush. w. Ap. May. 8—30 ft. Woods and rocky banks of ravines. An individual of this species, more than 40 feet in height, grows near the Rensselaer Institute.
A. melanocarpa, Black Choak-berry. w. May. 4—6 ft. Swamps and low grounds.
A. ovalis, Persoon. w. May, June. 2—4 ft. Rocky hills and banks of ravines.
Arum Dracontium, Linn. Green Dragon. g. June, July. 2 ft. 18 in. River banks. Acrid.
A. triphyllum, Linn. Indian Turnip. g. p. May, June. 12—18 in. Wet woods and ravines. Root acrid to the taste, and salagogue, when fresh; when recent and dried, stomachic and diaphoretic.


**A. incarnata**, Linn. *r.* July, Aug. 21. 2—4 ft. Banks of streams and margins of ponds. Root expectorant, diaphoretic, diuretic, anthelmintic, and, in large doses, cathartic. The following species probably possess similar properties.


**A. phytolaccoides**, Pursh. *w-g.* July. 21. 3—4 ft. Ravines.


**Aspidium acrostichoides**, Willd. June to August. 21. 1—1 1/2 ft. Ravines.


A. undulatus, Linn. b & y. Sept. 21. 2—3 ft. Dry woods and bushy pastures.
A. paniculatus, Aiton. w. y. Aug.—Oct. 21. 2—4 ft. Dry situations. The white rays change to blue, and the yellow disk to purple or brown.
A. eminens, Willd. r-w. Sept.—Nov. 21. 2—4 ft. Low grounds.

B. glandulosa? Scrub Birch. May. 2—8 ft.
Blitum virgatum, Linn. Slender Blite. r. June—Sept. 6—12 in. Fields and roadsides.
Boshmeria cylindrica, Willd. False Nettle. g. July. 2½. 1—3 ft. Damp or wet situations.
B. gracile, Pursh. June. Smaller than the last; perhaps only a variety of it.
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CAREX *scoparia*, Schkuhr. June. 2 ft. 18 in. Wet meadows.
C. *lagopodioides*, Schkuhr. May. 2 ft. 2 ft. Wet situations.
C. *straminea*, Willd. May. 2 ft. 18 in. Meadows and moist places.
C. *stellulata*, Schreber. May. 2 ft. 10 in. Wet places.
C. *scirpoides*, Schkuhr. May. 2 ft. 8—10 in. Wet.
C. *curta*, Gmelin. May. 2 ft. 20 in. Wet woods.
C. *festucaacea*, Schkuhr. May. 2 ft. 18 in. Damp.
C. *aurea*, Nuttall. May. 2 ft. 4—6 in. Bogs and wet situations.
C. *acuta*, Linn. May. 2 ft. 2 ft. Wet.
C. *cespitosa*, Linn. May. 2 ft. 18 in. Margin of streams.
C. *aquatilis*, Wahlenberg. May. 2 ft. 2 ft. Wet.
C. *stricta*, Gmelin. May. 2 ft. 2—3 ft. Wet.
C. *crinita*, Lamarck. May. 2 ft. 2—3 ft. Wet.
C. *polytrichoides*, Muhl. May. 2 ft. 6—10 in. Swamps.
C. *pedunculata*, Muhl. April. 2 ft. 6 in. Dry Woods.
C. *squarrosa*, Linn. May, June. 2 ft. 2 ft. Wet places in meadows.
C. *virescens*, Muhl. May. 2 ft. 18 in. Dry woods.
C. *fuliginosa?* Schkuhr. 2 ft. 20 in. Meadows.
C. *vestita*, Willy, May. 2 ft. 2 ft. Along the rail-road west of Albany.
C. *flava*, Linn. May. 2 ft. 1 ft. Wet.
C. *folliculata*, Linn. May. 2 ft. 12—18 in. Wet.
C. *huppiina*, Muhl. June. 2 ft. 2—3 ft. Wet.
C. *anceps*, Schkuhr. May. 2 ft. 8—12 in. Dry woods and ravines.
C. *alba*, Haenke. var. *setifolia*, June. 2 ft. 8 in. Rocky hills.
C. *oligocarpa*, Schkuhr. May. 2 ft. 4—8 in. Woods and hills.
C. *conoidea*, Schkuhr. May. 2 ft. 12 in. Moist fields.
C. *granularis*, Muhl. May. 2 ft. 8—12 in. Moist fields.
C. *scabrata*, Schweinitz. May. 2 ft. 18 in. Swampy places in woods.
C. *laxiflora*, Lamarck. May. 2 ft. 12—18 in. Moist places.
Carex flexuosa, Schkuhr. May, June. 2'. 18 in.—2 ft. Moist woods.

C. milacea, Muhl. May. 2'. 12—18 in. Wet grounds.

C. pallescens? Linn.

C. hysterica, Willd. May. 2'. 20 in. Swamps.

C. pseudo-Cyperus, Linn. June. 2'. 2 ft. Swamps and bogs.


C. pellita, Muhl. May. 2'. 2 ft. Swamps.

C. vesicaria, Linn. May. 2'. 2 ft. Swamps.


Carpinus Americana, Willd. Hornbeam. g. May. 20—30 ft. Woods.

Carya alba, Linn. Shag-bark Hickory. g. May. Large tree. Woods.


Celastrus scandens, Linn. False Bitter-sweet. g-y. May, June. Climbing. Woods, and margin of rivers. Deobstructant. An extract of the bark, applied in the form of ointment, to sores and bruises on horses and cows, is a popular remedy.

Celtis occidentalis, Linn. g-w. May. A single tree, 40 feet in height, grows on the bank of the Mohawk, opposite Troy.

Cenchrus echinatus, Linn. Aug. 1—2 ft. Sandy ground.


Cerastium vulgatum, Linn. w. May—Aug. 6—10 in. Fields.

C. viscosum, Linn. w. May—Aug. 6—10 in. Fields.

C. nutans? Rafinesque.

C. oblongifolium, Torrey. w. June. 6—8 in. Rocky hills.


**C. alpina**, Linn. *w.* July. 21. 6—8 in. Damp woods.


**Clematis Virginiana**, Linn. *w.* July. ©. Climbing.


Cochlearia armoracia, Linn. Horse Radish. w. June. 2 ft.
Waste grounds. Fresh plant seccernent-stimulant and rubefacient.
Collinsia Canadensis, Linn. Horse Balm. y. Aug. 2 ft.
Woods. Diuretic and slight tonic.
Woods and roadsides. Mild astringent and tonic.
Conium maculatum, Linn. Poison Hemlock. w. July. 2 ft.
Roadsides. An active narcotic and deobstruent. Poisonous.
Convallaria bifolia, Linn. w. May. 4—6 in. Shady woods.
C. stellata, Linn. w. May. June. 1 ft. River banks.
C. trifolia, Linn.
C. racemosa, Linn. y-w. May. 18 in.—2 ft. Ravines and woods.
C. borealis, g-y. May, June. 6—8 in. Wet woods.
C. multiflora, Linn. Solomon’s Seal. g. July. 2 ft. Meadows and river banks.
C. pubescens, Willd. y-w. May, June. 12—18 in. Rocks.
Convolvulus sepium, Linn. Wild Morning-glory. w. June, July.
2 ft. Climbing. Islands and margin of the river.
C. arvensis, Linn. w. June, July. 2 ft. Green Island.
C. spithamaeus, Linn. w. June. 9—12 in. Dry fields and hills.
Coptis trifolia, Salisbury. Gold Thread. w. May. 2 ft. 2—4 in.
Swamps. Tonic.
Cornus Canadensis, Linn. w. May, June. 6 in. Wet woods.
Drupe red.
Drupe scarlet.
C. sericea, L’Heritier. w. June. 5—10 ft. Banks of streams.
Drupe blue.
C. sanguinea, Linn. w. June. 8—12 ft. Low grounds. Drupe dark brown.
C. alba, Linn. w. June, July. 6—10 ft. Wet situations. Drupe white.
Cornus paniculata, Linn. w. July. 4—6 ft. Woods and banks of ravines. Drupe white. The different species of Cornus possess tonic or astringent properties, or both, in a greater or less degree.

Corydalis glauca, Pursh. g-y. & r. May—July. 12—18 in.

Open, rocky woods.


C. punctata, Jacquin. Thorn-tree. w. May. 10—30 ft. Fields, woods, and swamps. Fruit red and yellow.

C. crus-galli, Willd. w. May, June. Tall shrub or small tree. Borders of woods and fields. Fruit red.


Crypta minima, Nutt. w-g. Aug. 1 in. Abundant on the muddy shore of the Hudson, a mile below Albany.

Cryptotaenia canadensis, De Cand. w. June. 1—2 ft. Banks of streams and damp places.

Cuscuta Americana, Linn. w. July. A twining, leafless parasite. Low shady grounds.


Cyperus inflexus, Muhl. Aug. 2—3 in. West bank of the Hudson, a little below Troy.

C. flavescens, Linn. Aug. 6 in. Wet.


C. mariscoides, Elliott. Aug. 8—10 in. Sandy and rocky fields.

C. flavicomis, Mich.?

C. striigosus, Linn. Aug. 2 ft. Wet sandy grounds.

Cypripedium parviflorum, Salisbury. y. May, June. 1 ft.


The roots of this and of the preceding species are nervine.


Dalibarda fragaroides, Mx. Dry Strawberry. y. May. 2 ft. Woods.
Both species are active narcotics, the seeds the most active.
Daucus carota, Linn. Carrot, w. June 2–3 ft.
Swamps. Mild tonic and astringent.
Dentaria diphylla, Mich. w. May. 2 ft. 6–8 in. Wet and shady situations.
D. laciniata, Willd. r-w. May. 2 ft. 8 in. Shady river banks and streams.
Shady places, fences.
Diclytra cucullaria, De Cand. y-w. May. 2 ft. 6–8 in. Shady hills.
D. Canadensis, De Cand. May. 2 ft. 6–8 in. Shady woods. Hoosick.
Aug. 2–3 ft.
Drosera rotundifolia. Sun-dew. y-w. July, August. 21. 4—8 in. Wet or sphagnous swamps.


E. Canadensis, Linn. var. glaucifolius, Aug. 21. 2—4 ft. Banks of rivers.


Epigea repens, Linn. Trailing Arbutus. r. & w. April. ½. Creeping along woody hills.


E. lineare, Muhl. w-r. July. 21. 12—18 in. Moist woods, and margin of ponds.


Equisetum arvense, Linn. Horsetail. April, May. 21. 6—8 in. Moist grounds.


E. heterophyllum, Linn. w. May, June. ½. 2—3 ft. Fields.


E. strigosum, Linn. w. July, Aug. ½. 2—3 ft. Fields and meadows.

E. Canadense, Linn. w. July—Sept. ½. 6 in. to 6 ft. Dry barren fields. This and the preceding species are stomachic, astringent, and diuretic; taste aromatic and pungent, owing to an
essential oil, which is yielded in abundance by distillation, from E. Canadense.


Eriophorum vaginatum, Linn. May. 21. 12 in. Sphagnous swamps.


Ervum tetraspermum, Linn. b-w. May, June. 8—12 in. Wet meadows.


Euphorbia helioscopia, Linn. g. June, July. 8. 12—18 in.


Fedia radiata, Mich. w. June. 8. 10—15 in. Open woods on the road from Troy to Albany.


Fragaria Virginiana, Linn. Wild Strawberry. w. May, June. 4—6 in. Fields and rocky banks of ravines.


Galeopsis tetrafida, Linn. r. & w-r. July. 1—2 ft. Fences and neglected fields.

Galium trifidum, Linn. w. June, July. 6—12 in. Swamps and wet meadows.


G. aparine, Linn. w. June. 3—4 ft. Moist woods and banks of ravines. Diuretic.


G. Carolinianum, Linn. w-r. July. 12—18 in. Along the Albany and Schenectady rail-road, two miles west of Albany.

G. dissectum, Linn. Wood Geranium. r. June. 1 ft. Grows with the last.


GEUM strictum, Aiton. y. June, July. 2 ft. Wet meadows and swamps.

G. Virginianum, Linn. w. July. 2 ft. Shady woods. Root tonic and astringent.

G. album, Willd. w. July. 2 ft. Banks of streams and wet places.


GLECHOMA hederacea, Linn. Gill-over-the-ground. b. & r. May. 2 ft. Meadows.


GLYCERIA acutiflora, Torrey. June. 2 ft. Grass 2—3 ft. Ditches and wet places in meadows, a little west and north of Troy.


G. plantagineum, Linn. Mouse Ear. r-w. April—June. 2 ft. Woods and pastures.

C. uliginosum, Linn. y-w. July—Sept. 4—6 in. Wet grounds and roads.


GRATIOLA virginica, Linn. y-w. July, Aug. 6—8 in. Wet meadows and banks of streams.

GYROMA virginica, Nutt. Indian Cucumber. g-y. May, June. 2 ft. 1—2 ft. Moist woods.
H. blephariglottis, Willd. v. June, July. 2 ft. 18—24 in. Sphagnous swamps.
H. psychodes, Sprengel. y-g. July. 2 ft. Wet woods and margins of swamps.
H. dilatata, Lindley. Giant Orchis. v. or g. June, July. 2 ft. In the woods the flowers are green, in the open meadows white. 1—3 ft.
H. bracteata, R. Br. g-w. July, Aug. 2 ft. 8—12 in. Shady woods in moist places.
H. herbola, R. Br. g-w. June. 2 ft. 12—18 in. Open swamps.
H. orbiculata, Lindley. g-w. July. 2 ft. 12—18 in. Shady woods.
H. macrophylla, Torrey. g-y. June, July. 2 ft. 12—18 in. Shady woods, frequently with the last.
H. jimbriata, R. Br. p. June, July. 2 ft. Moist or wet meadows.
H. altissimus, Linn. y. July—Sept. 2 ft. 4—8 ft. Islands in the Hudson river.
Heliopsis levis, Persoon. y. July. 2 ft. 3—5 ft. Banks of streams and rivers, margins of woods, &c.
Helonias dioica, Pursh. w. June. 2 ft. 1—2 ft. Woods about the Poesten-kill, rare.
Hepatica acutiloba? De Cand. w. b. April, May. 2 ft. 5 in.


**Hieracium** carulea, Linn. *b.* & *b-w.* April, May. 21. 4—6 in. Fields and borders of woods.


**Hydrocotyle Americana**, Linn. *g-w.* June, July. 21. 4—6 in. Moist places, in ravines and meadows.


**Hypopites lanuginosa**, Nutt. *y-w.* July. 21. 3—6 in. Roots of trees in shady or open woods.


**Hyssopus nepetoïdes**, Linn. *g-y.* or *g-p.* July. 21. 3—6 ft. Woods.

Ictodes fuctidus, Big. Skunk Cabbage. p. y. & g. Ap. 2l. Wet meadows and open swamps. The recent dried root is a valuable nervine.


Iris versicolor, Linn. Blue Flag. b. June. 2l. 18 in—3 ft. Wet meadows and margins of ponds. Root an active cathartic.


Isnardia palustris, Linn. June. 2f. creeping or prostrate. Stagnant waters and overflowed grounds. A variety of this or another species, with an ascending, rigid stem, flowering in August, grows 3 miles west of Albany.


J. tenuis, Willd. June, July. 2l. 10—12 in. Low grounds, and along footpaths in fields.


J. bufonius, Linn. July, Aug. ©. 4—8 in. Moist places, often along roadsides.


Juniperus communis, Linn. Juniper. g. May—July. ½. Rocky banks of streams, and barren open woods. Berries and tops gently stimulant, diuretic, and diaphoretic.

J. Virginiana, Linn. Red Cedar. y-g. May. ½. 15—50 ft. Woods and pastures. Properties similar to those of the preceding.

Kalmia latifolia, Linn. w-r. June, July. ½. 4—10 ft. Woods 6 miles west of Troy. Narcotic and diuretic. Poisonous.

K. angustifolia, Linn. Sheep Laurel. r. or rose color. June, July. ½. Sandy woods and margins of swamps. Narcotic, and
the pulverized leaves, errhine. The honey made by bees, from the flowers of either of the species, is poisonous.


*Lemna polyrrhiza*, Linn. June, July. ¾. Leaves small, floating on stagnant waters.

*L. minor*, Linn. June, July. ½. Smaller than the preceding, and in similar situations.


*Thlaspi campestre*, Linn.


Lindernia attenuata, Muhl. pale b. July—Sept. Ø. Inundated banks of streams and rivers.


Linnea borealis, Gronovius. Twin flower. w-r. July. 2. Creeping. Woods west of Troy.


Lithospermum arvense, Linn. Stone-seed. w. May. Ø. 8—12 in. Fields.


L. Kalmii, Linn. b. July, Aug. 2. 6—18 in. Rocky margins of the Hudson.


Ludwigia alternifolia, Linn. y. July. 2. 2—3 ft. Low grounds and swamps.

Luzula pilosa, Willd. April, May. 21. 6 in. Woods and moist places.
L. campestris, De Cand. April, May. 21. 6—12 in. Meadows and woods.
Malaxis lilifolia, Swartz. w-y. June, July. 21. 4—6 in. Damp woods.
Along streams and in wet places.
species are more or less aromatic and diaphoretic; their pro-
PERTIES depend on volatile essential oils, which are stimulant and 
rubefacient.
Menyanthes trifoliata, Linn. Buck Bean. w. May. 21. 8—12 in. 
Sphagnous swamps. Root a good tonic, and, in large doses, ca-
thartic.
Microstylis ophioglossoides, Nuttall. g. July. 21. 4—8 in. Shady 
woods.
M. alatus, Aiton. b. Aug. 21. 2 ft. Near the junction of Cham-
plain and Erie canals. Wet.
Mitchella repens, Linn. Partridge-berry. w. June. 21. Small,
banks of the river and roadsides.
Momordica echinata, Muhl. v. Aug. ©. Climbing. Islands about 
Troy and on banks of the river, in moist situations. Fruit large,
nearly oval, 1—2 in. long.
Monarda didyma, Linn. r. June. 21. 18—24 in.
Monotropa uniflora, Linn. Indian pipe. w. June. 21. 5—8 in. Shad-
y woods and ravines; generally in small clusters. Whole plant 
white and leafless.
a mile east of the river dam at Troy. Berries edible.
Myriophyllum verticillatum, Linn. July. 21. In a pond near Sche-
nectady.
Nasturtium palustre, De Cand. y. July. ©. 18 in. Wet.
Berries dark red.
Nepeta cataria, Linn. Catnip. r-w. June—Sept. 21. 2—3 ft. Road-
sides. Stomachic and diaphoretic.
Nicandra physaloides, Persoon. b. July, Aug. ©. 2—3 ft. Intro-
duced.
Leaves sometimes floating. Flowers large.
Leaves floating. Flowers smaller than the preceding.


**Ophioglossum vulgatum**, Linn. Formerly grew two miles west of Troy, along the Schenectady turnpike.

**Orchis spectabilis**, Linn. *r.* May. ⑤. 6 in. Shady places in clayey soil.


**Oxalis acetosella**, Linn. Wood Sorrel. *w-r.* June. 21. 3—4 in. Flowers large. Formerly grew on a dry hill, in open woods, a little east of Troy, but we have not seen it of late.


**Panax trifolia**, Linn. *w.* May. 21. 4—6 in. Shady woods.


Panicum clandestinum, Linn. July, Aug. 2ft. 2 ft.
P. latifolium, Linn. June, July. 2ft. 1 ft. Woods.
P. nervosum, Muhl. July. 2ft. 3 ft. Moist shady woods.
P. dichotomum, Linn. Aug. 2ft. 8—12 in. Dry open woods.
P. nitidum, Lamarck. June, July. 2ft. 6—18 in. Common in dry situations.
P. agrostoides, Muhl. Aug. 2ft. 2—3 ft. River shore between Troy and Albany. Wet.
Papaver rheas, Linn. r. June. Naturalized.
Pedicularis Canadensis, Linn. y. or p. May. 2ft. 6—12 in. Woods.
P. pallida, Pursh. light y. Sept. 2ft. 1—2 ft. Damp grounds in fields.
Pentstemon pubescens, Aiton. pale p. June. 2ft. 18 in. Dry fields.
P. rigida, Linn. Pitch Pine. May. 5. Large tree.
P. pendula, Aiton. Hackmatack. Tamarack. May. 5. Middle sized tree. The turpentine contained in the Pines are stimulant, diuretic, diaphoretic, expectorant, laxative; and, externally applied, rubefacient.
Piptatherum nigrum, Torrey. Aug. 2ft. 2—3 ft. Rocky hills and banks of ravines.
Plantago lanceolata, Linn. May—Sept. 2—6 in. Pastures and roadsides.


P. serotina, Ehrhart. June. 2—3 ft.
P. capillaris, Linn. Aug. 1 ft. Sandy fields.

Podophyllum peltatum, Linn. May Apple. Wild Mandrake. w. May. 12—18 in. Moist situations; banks of streams, shady woods, meadows, &c. Fruit large, ovate. Root a good cathartic.

P. verticillata, Nutt. June, July. 1 ft. Moist shady woods one mile west of Troy.


P. mite, Persoon. w. or pale r. July, Aug. 18 in. Wet places.
P. Virginianum, Linn. w. July, Aug. 2—4 ft. Shady woods.
P. coccineum, Willdl. r. Aug. 2 ft. Creeping along the muddy banks of an island in the Hudson, above Troy, from 6—12 ft. Floating in a pond near Schenectady.
P. articulatum, Linn. r-v. Sept. 9—15 in. Sandy situations; woods 3 or 4 miles west of Albany.


P. levigata, Aiton.

P. fluitans, Linn. g. July, Aug. 2 ft. River. Upper leaves floating.
Upper leaves floating.
P. lucens, Linn. g. July, Aug. 21, River.

©. 8—15 in. Fields.
Prinos verticillatus, Linn. Winter Berry. w. June. 2. 6—8 ft. Swamps. Berries bright scarlet; adhering in the winter. Bark tonic.
P. ambiguus, Mich.? w. 2. Shrub. Wet.
Swamp 3 miles west of Albany.
Prunus Virginiana, Linn. Wild Cherry. w. May. 3. Large tree. Fruit purplish black. Bark tonic and narcotic.
P. serotina, Willd. w. June. 2. Berries astringent.
P. Pennsylvanica, Aiton. w. May. 2. 8—15 ft.
P. Americana, Marshall. w. May. 2.
P. pumila? Linn. w. May. 2. Low shrub.
P. pygmea? Willd. w. 2. Shrub. 2—3 ft. Fruit black, size of a large pea. Green Island.
Prunus depressa, Pursh. May. ½.

Pterospora Andromeda, Nutt. July. 3. 18—24 in. Leafless. Plant yellowish brown or purple. Woods west of Troy.
Pycnanthemum incanum, Mich. Wild Basil. w-r. July. 2£. Fern 2–ft. Woods. An-
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R. *bulbosus*? Linn.


R. *lacustris*, Beck & Tracy. Lake Crowfoot. *y*. June. 2 ft. In stagnant water. Most of the species are, when fresh, acrid, stimulant, and vesicatory.


Lecontia *virginica*, Cooper.

Rhus *typhina*, Linn. Stag’s Horn. *g-y*. June. 8—15 ft. Rocky situations.


R. *copallina*, Linn. *y-g*. July. 4—8 ft. Dry bushy fields. The leaves and bark of this and of the two preceding species, are astringent; berries acid and astringent.


R. *toxicodendron*, Linn. *g*. June. 2—5 ft. Shady situations. This and the *R. vernix*, when handled, produce on some persons an eruption of the skin, attended by fever; on others no effect. The smoke from the plants, while burning, will produce the eruption in a few hours.


R. *lacustre*? Pursh.

R. rubiginosa, Linn. Sweet Briar. pale r. b.
R. Carolina, Linn. Swamp Rose. r. July. b. 3—8 ft. Shady swamps.
R. occidentalis, Linn. Black Raspberry. g-w. June, July. 5 ft. Bushy fields, and along fences and banks of ravines.
R. sexadillos, Linn. w. June, July. 2 ft. Creeping. The roots of the several species are more or less astringent and a little tonic; those of R. villosus, and R. trivialis, are most used in medicine.
R. Brittanicus, Linn. July. 2 ft. 2—3 ft. Wet meadows and swampy ground. Roots of this and of the preceding species, astringent and somewhat tonic; the R. crispus, is laxative and analagous to Rhubarb.
Sagina procumbens, Linn. Pearl-wort. w. July. 2 ft. Very small.
Wet rocks near the margin of the Hudson, a little north of Troy.
S. hastata, Pursh. w. July, Aug. 2 ft. 12 in. Wet.
S. heterophylla, Pursh. w. Aug. 2 ft. 8—12 in. Wet.
S. pusilla, Nutt. Aug. 2 ft. 1—3 in. Wet.
S. obovata, Pursh. 5.
S. longifolia? Willd. Long-leaf Willow. 5.
S. falcata, Pursh. 5.
S. lucida, Muhl. May. 5.
S. cordata? Muhl.
S. vittellina, Linn. Yellow Willow. May. 5. Middle-sized tree. Introduced. The bark of the different species of S. more or less tonic and astringent. Others undetermined.
S. pubescens, Persoon. w. May. 5—8 ft. Berries red.
Sanicula Marylandica, Linn. g-w. June—Aug. 2 ft. Woods.
Root stomachic and diaphoretic.
S. Pennsylvanica, Linn. Water Saxifrage. y-g. May, June. 2 ft. 2—4 ft. Wet ground 4 miles east of Troy. Root astringent.
Schuchzeria palustris, Linn. g-w. May, June. 2 ft. 8—12 in. Sphagnous swamps.
Scirpus tenellus, Willd. June, July. 2 ft. 8—12 in. Swamps.
Scirpus planifolius, Muhl. June. 2f. 6—8 in. Damp.
S. acicularis, Linn. June, July. 2f. 2—6 in. Swampy grounds.
S. Americanus, Persoon. July. 2f. 2—3 ft. West shore of Green Island.
S. lacustris, Linn. June. 2f. 4—6 ft. Marshes and wet grounds.
S. debilis? Muhl.
S. brunneus, Muhl. Aug. 2f. 2—3 ft. Wet.
Scleranthus annuus, Linn. Knawel. g. July. 0. Small, procumbent. Dry fields and barren soil.
Scrophularia Marylandica, Linn. Fig-wort. g-brown. July. 2f. 3—4 ft. Low grounds. Deobstruent.
S. lanceolata, Pursh. 2f. 2—3 ft.
S. galericulata, Linn. b. Aug. 2f. 8—16 in. Low grounds.
S. hieracifolius, Linn. w. July, Aug. 0. 2—5 ft. Recently cleared ground, roadsides, &c.
S. obovatus, Willd. y. May, June. 2f. 1 ft. Green Island, near the river dam.
S. antirrhina, Linn. w-p. June. 2f. 1—2 ft. Dry situations.


S. recurvata, Willd. y.


S. latifolia, Muhl. y. Aug.—Oct. 2 ft. 2—3 ft.


S. Americanum, Nutt. w. Aug. 2 ft. 1 ft. In stagnant water 1½ mile northeast of Troy.


SPIREÀ salicifolia, Linn. w. July. 2—4 ft. Meadows, margin of swamps, &c.
S. tomentosa, Linn. Hard-hack. pale r. 2—3 ft. Low grounds. Tonic and astringent.
S. græcilis, Beck. Ladies' Tresses. w. July. 8—12 in. Dry woods. The leaves sometimes fall before flowering time. Neottia gracilis, Big.
STAPHYLEÀ trîfolia, Linn. Bladder-nut. y-w. May, June. 6—10 ft.
STRUTHIÓPTERIS germanica? Willd.
TEURCRIUM Canadense var. virginicum, Aug. 12—18 in. Islands, damp.
THALICTRUM dioicum, Linn. w. May. 21. 1—2 ft. Banks of streams.
T. cornellum, De Cand.
THESIUM umbellatum, Linn. False Toad Flax. w. & g. June, July. 8—12 in. Dry hills in woods.
THUYA occidentalis, Linn. American Arbor Vitæ. May. ©. Small
Rocks near the Cohoes Falls. Properties similar to those of the Pines.


_Tradescantia virginica_, Linn. Spider-wort. _p._ or _b._ May. 24. 1 ft. Damp shady situations.


_Tradescantia virginica_, Linn. Spider-wort. _p._ or _b._ May. 24. 1 ft. Damp shady situations.


_Tradescantia virginica_, Linn. Spider-wort. _p._ or _b._ May. 24. 1 ft. Damp shady situations.


_Tradescantia virginica_, Linn. Spider-wort. _p._ or _b._ May. 24. 1 ft. Damp shady situations.


U. hirsutum, Big. w. June. 2 ft. Rich soil in woods. Root stomachic.


Utricularia vulgaris, Linn. y. June, July. 2 ft. Floating in a marsh 1½ mile northeast of Troy. U. macrorhiza, Le Conte.


U. sessilifolia, Linn. pale y. May, June. 8—12 in. Shady woods.


Vallisneria spiralis var. Americana, Torrey. July, Aug. 2 ft. Hudson river. Pistillate flowers minute, white, on long filiform and spiral peduncles, floating on the surface of the water; staminate ones under water, near the root.


V. —— ? Side-walks in Schenectady.


V. arvensis, Linn. Small Speedwell. pale b. May, June. $\varnothing$. 3—5 in. Fields.

V. pereigrina, Linn. w. or pale b. May—July. $\varnothing$. 4—8 in. Damp.


V. lentago, Linn. w. June. 5. 10—15 ft. Damp or shady situations.


V. Oxyccocus, Pursh. High Cranberry. w. May, June. 21. Shrub 5—8 ft. Low woods, rare. Fruit large, red; very acid and somewhat bitter.


V. palmata, Linn. Hand-leaved Violet. p-b. May. 2±. 3—6 in. Low grounds and woods.

V. sagittata? Aiton.


V. lanceolata, Linn. w. striped with p. Ap. May. 2±. 2—4 in. Swamp a mile west of Albany. Flowers like those of the preceding one.

V. rotundifolia, Mich. y. May. 2±. 1—3 in.

V. Canadensis, Linn. June, July. 2±.


V. Muhlenbergiana, De Cand. b. May. 2±. 6 in. Swampy ground.

V. pubescens, Aiton. y. May. 2±. 4—10 in. Woods.


V. vulpina, Linn. Frost Grape. June. 5.


V. riparia, Mich. g-w. May, June. 5. River banks. Flowers odorous.

Woodria ilvensis, June. 2±. Fern 2—4 in. On rocks.


Xylosteum ciliatum, Pursh. Fly Honeysuckle. Twin-berry. y-w.


Zizia aurea, Koch. y. June. 2±. Smyrnium aureum, Linn.

