LIBRARY OF
THE NEW YORK BOTANICAL GARDEN

Given by Dr. H. L. Britton
1913
Compliments of the Author
FLORA

Of Onondaga County as Collected by the Members of the
SYRACUSE
BOTANICAL CLUB

COMPiled, CLASSIFIED AND CATALOGUED BY

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PREFACE

In planning this local, floral catalogue I have carried out Britton's arrangement of orders and genera as nearly as seemed advisable. Commencing with the Ferns, continuing through the flowerless plants to those of higher order. Throughout, priority in nomenclature with dates have been carefully studied as revised by scientists of today and endorsed by the Torrey Club, so far as I have been able to obtain them. Where such priority is given, the name under which the plant was first identified by members of the Syr. Bot. Club are indicated by the use of italics, with their dates. Also the much required common names and one locality with environment for each species is given, with date of finding. I am indebted to Mr. Fred Wheeler and Mr. Geo. Morris for the partial list of Onondaga's fungi, which with my own collection, form only a portion of those found here. I have used them as authority in quality, with Chas. H. Peck, "State Botanist," and Chas. McIlvaine, author of "One Thousand American Fungi." Those marked Ed. are considered edible. Those marked P are considered poisonous. Those without a mark are doubtful.

L. L. GOODRICH
FILICES

FERNS AND FERN ALLIES

OPHIOGLOSSACEÆ—Presl. 1836—Adder Tongue Fam.

OPHIOGLOSSUM—Lin. 1753.

O. VULGATUM—Lin., 1753. Adder's Tongue.
Infrequent in old pastures and thickets. Cicero and other places. Principally in northern part of county. Leach Farm, Cicero, July, 1895.

BOTRICHIUM—Swartz, 1800.

B. SIMPLEX—E. Hitchcock, 1823. Little Grape Fern.
Rare. Damp places; very small (2 inches); July and August.

B. LUNARIA—Swartz, 1800. Moonwort.

B. MATRICARIEFOLIUM—A. Br., 1843. Matricary Grape Fern.
Rare. Moist and swampy grounds. May and June 1889.

B. TERNATUM—Swartz, 1800. Ternate Grape Fern.

Smaller and more dissected. Oblique lanceolate segments. Centerville, September, 1895.
B. Ternatum var dissectum—Swartz, 1800. Dissected Grape Fern.
Frequent. Very small with fine and narrowly dissected segments. Tully, August, 1897.

Very rare. Baldwinsville only locality reported.

Rare. Meadows and swamps. Baldwinsville, Tully, etc., June, 1896.

B. Virginianum—Swartz, 1800. Rattlesnake Fern.

B. Gracile—Pursh, 1814. Small Rattlesnake Fern.

OSMUNDACEÆ—R. Br. 1810—Royal Fern Fam.

OSMUNDA—Lin. 1753.

O. Regalis—Lin., 1853. Royal Fern.


O. Cinnamomea var Frondosa—A. Gray, 1843.
O. **CLAYTONIANA—Lin., 1753.** *(Osmunda interrupta Michx, 1803.)* Clayton’s Fern.

**POLYPODIACEÆ—R. Br. 1810—Fern Fam.**

**ONOCLEA—Lin., 1753.**

O. **SENSIBILIS—Lin., 1753.** Sensitive Fern.

O. **STRUTHIOPTERIS—Hoffm, 1795.** Ostrich Fern.
Frequent along streams or low grounds. Jamesville Road, August, 1895. Goodrich wild flower garden, July, 1897.

**WOODSIA—R. Brown, 1811.**

W. **ILVENSIS—R. Brown, 1811.** Rusty Woodsia.

W. **OBTUSA—Torr, 1840.** Blunt lobed Obtusa.

**DENSTEADTIA—Und.**
*(Dicksonia—Lin., 1753.)*

D. **PUNCTILOBULA—Bernh, 1806.** *(Dicksonia punctilobula A. Gray, 1848. Dicksonia Pilosiuscula. Wild, 1809.)*
FILIX—Adams. Und.

(Cystopteris—Bernh, 1806.)

F. BULBIFERA—Und., 1900. (Torr, Man.) (Cystopteris Bulbifera—Bernh, 1806.) Bulblet Cystopteris.

F. FRAGILAS—Und., 1900. (Cystopteris Fragilis—Bernh.) Brittle Fern.
Common, with its var dentata found with same environments as F. Bulbifera.

DRYOPTERIS—Adams, 1763.

(Aspidium Swartz, 1800.)

D. NOVEBORACENSIS—A. Gray, 1848. (Aspidium Noveboracensis, Swz.)


D. CRISTATA—A. Gray, 1848. (Aspidium Cristatum, Swz.)
Crested Shield-fern, sori midway between margin and midrib. Rare. Swamps. Tamarac swamp, Aug., 1899.


D. MARGINALIS—A. Gray, 1848. (Aspidium marginale, Swz.).
PLANTS OF ONONDAGA COUNTY


D. SPINULOSA INTERMEDIA—Underw., 1891. (*Aspidium intermedium—Muhl*).

D. SPINULOSA DILITATA—Uudw., 1891. (*Aspidium spinulosum var. dilitatum—Hook*).
Indusia glabrous and naked. Frequent. Underw. gives a dwarf form as var. durnitorum. Kinney woods, 1908.

D. BOOTTII—Underw., 1893. (*Aspidium spinulosum var. Bootii—Gray*).

POLYSTICHUM—Roth.

P. ACROSTICHOIDES—Schott. (*Aspidium achrostichoides—Swz.*).

PHEGOPTERIS—Fee.


P. HEXAGONOPETRA—Fee, 1850.
P. **DREOPETRIS**—Fee, 1850. Oak Fern.

WOODWARDIA—J. E. Smith, 1793.

W. **VIRGINICA**—L. Mant. Virginia Chain Fern.
In low swampy grounds on Phenix Road. June, July.

W. **AEROLATA**—Moore. (*Woodwardia Angustifolia, S. M.*) Net-veined Chain Fern.

**PHYLLITIS**—Ludwig.


**CAMPTOSORUS**—Link.

C. **RHIZOPHYLLUS**—Link. Walking Fern.
On dry limestone rocks. Sori irregularly scattered. Fronds take root by the tip of their frond coming in contact with the soil, thus producing another plant. Aug., Oct.

**ASPLENIUM**—Lin.

A. **PLATYNEURUM**—Oakes. (*Asplenium ebeneum—Oit.*) Ebony Spleenwort.
Near or on top of exposed lime cliffs. Indusia opening upper side. Adapts itself to cold or hot climates. Not common here. Lafayette Road, Green Lakes, Jamesville Road, Hopper’s Glen. July, Sept.
On and in crevasses of rocks. Jamesville woods and
around Green Lakes. Small. Indusia opens upperside.
July, Sept.

A. AUGUSTIFOLIUM—Michx, 1803. Narrow-leaved Spleen-
wort.
In damp, shady places. Fertile fronds much narrower
than sterile. Indusia opens upper side. Peppermill
Gorge, Fayetteville woods, etc. July, Sept.

A. RUTAMARARIA—Lin., 1753. Wall Rue Spleenwort.
Very rare. In one locality to date, Jamesville limestone
secluded cliffs, back of Nottingham farm. Small, with

A. FILIX FOEMINA—Bernk, 1806. Lady Fern.
In woods and thickets. Sori short. Indusia curved,
sometimes straight, sometimes horse-shoe shaped.
June, Aug.

A. ACROSTICHOIDES—Swartz, 1800. (Asplenium thelip-
teroides—Michx, 1803.) Silver Spleenwort.
In rich moist woods. Sori slightly curved. Indusium
light colored and shining when young. Not rare. Aug.,
Oct.

ADIANTUM—Lin., 1753.

A. PEDATUM—Lin., 1753. Maiden-hair Fern.
Frequent. Rich woods and cleared grounds. Sori un-
der reflexed margin. Lily Grove, July, 1890.

PTERIS—Lin., 1753.

P. AQUILINA—Lin., 1753. Brake, or Bracken.
Common everywhere, except in extremely cold climates.
Seen in fern collections from nearly every part of the
world. Indusia double and marginal. Tamerac Swamp,
Aug., 1901.

CRYPTOGRAMMA.

C. STELLERI—Proutl. (Und.) (Pellea gracilis—Hook,
1858). Slender Cliff Brake.
Rare. Skaneateles Lake and Green Lake, June, 1882.
PELLEA—Link, 1841.

P. ATROPURPUREA—Link, 1841. Purple Stemmed Cliff Brake.

POLYPODIUM—Lin., 1753.


MARSILEACEÆ—R. Br.

MARSILEA.

M. QUADRIFOLIA—Lin., 1753. Marsilea.
Rare. Only locality reported, Hoyt Farm, Green Point, by L. M. Underwood, 1890.

SALVINACEÆ—Adams, 1763.

SALVINIA—Adams, 1763. (Marsilea.)

MARSILEA.


EQUISETACEÆ—Michx.

EQUISETUM—Lin. 1753. Horsetail Fam.

E. ARVENSE—Lin., 1753. Com. or Field Horsetail.
Sandy soil, along railroad tracks and in moist soil. Tamerac swamp and creek banks. Common. May.

E. **PRATENSE**—Ehrli, 1784. Thicket Horsetail.

E. **PALUSTRE**—Lin. Marsh Horsetail.

E. **FLUVIATILE**—Lin. (*E. Limosum Sp.*) Swamp Horsetail.


E. **SCIRPOIDES**—Michx, 1803. Sedglike Equisetum.
Roots of trees near Baldwinsville. Delicate. Sheaths with three teeth. Rare. May, June.

**LYCOPODIACEÆ**—Michx—Club Moss Fam.

**LYCOPODIUM**—Lin.

L. **SELAGO**—Lin., 1753. Fir Club Moss.
Near Brewerton and Clay. Rare. Sept.

L. **LUCIDULUM**—Michx, 1803. Shining Club Moss.

L. **OBSCURUM**—Lin. Ground Pine.

L. **CLAVATUM**—Lin., 1753. Running Pine.

L. **COMPLANATUM**—Lin. Trailing Christmas Green.


**ISOETACEÆ—Underwood, 1881**

Quillwort Fam.

**ISOETES. (Lin., 1753—Quillwort.)**

I. **ENGLERMANNI**—A. Braum, 1846. Engleman’s Quillwort. Largest of the species. Abundant in Tully, 1890.

I. **ENGLERMANNI var VALIDA**—Englem, 1867. Engleman’s Broad Quillwort. Rare. Broad stemmed Quillwort. Reservation.

MOSSES

ADNATUM—Lin.

(AMBLYSTEGIUM—Hedw.)

A. ADNATUM—Hedw. Baldwinsville.
A. ORTHOCLADON—Beauv. Tamerac Swamp.
A. RADICALE—Beauv. Tamerac.
A. RIPARIUM—Run. South Bay.
A. SERPENS—Lin. South Bay.
A. SERPENS VAR. VARIUM—Beauv. Montfreedy’s Gorge.

ANLACOMNIUM—Schwarz.

A. HETEROSTICHIUM—Bruch. Montfredy’s.
A. PALUSTRE—Lin. Mud Lake.

ANOMODON—Hook.

A. ATTENUATUS—Hueb. Epipactis Woods.
A. VITICULOSUS—Hook. Green Lake.

ATRICHUM—Beauv.

A. ANGUSTATUM—Br. Baldwinsville.
A. UNDULATUM—Beauv. Euclid.

BARBULA—Hedw.

B. CAESPITOSA—Schw. Twin Lakes.
B. MUCRONIFOLIA—Bruch. Jamesville Road.
B. RECURVIFOLIA—Schimp. Jamesville Road.

BARTRAMIA—Hedw.

B. POMIFORMIS—Hedw. Onon. Hill.
BRACHYTHERCIIUM—Sub. Or. to Hypnum.

B. LACTUM—Brid. Tamerac Swamp.
B. RUTABULUM—Lin. LaFayette.
B. SALEBROSUM—Hoff. Twin Lakes.

BRYUM—Dill.

B. ANOTINUM—Hedw. Jamesville.
B. CAESPTICUM—Lin. Twin Lakes.
B. INTERMEDIUM—Brid. South Bay.

CERATODON—Brid.

C. PURPURENS—Brid. South Bay.

CLIMACEUM—Weh. & M.

C. AMERICANUM—Brid. Clay.

CYLINDROTHERCIIUM—Br. & Sch.

C. SEDUCTRIX—Sull. Green Lake.

DICRANUM—Hedw.

D. FLAGELLARE—Hedw. Geddes Gorge.
D. MONTANUM—Hedw. Manlius.
D. SCOPARIIUM VAR. PALUDOSUM—Lin. Mud Lake.
D. UNDULATUM—Voit. LaFayette Road.

DICHELYMA—Myr.

D. CAPILLACEUM—Bru. &Sch. Near Seneca River.

DICRANELLA—Schi.

D. VARIA—Schi. Peppermill Gorge.

EURHYNCHIIUM—Schi.

E. BOSCHI—Schwaegr. Onon. Hill.
E. STRIGOSUM—Hoffm. Oran.
FISSIDENS—Hedw.

F. GRANDIFRONS—Brid. Edwards Falls.
F. OSMUNDOIDES—Hedw. Manlius.
F. SUBBASILARIS—Hedw. Hoyt Woods.

GRIMMIA—Ehrh.

G. APOCARPA—Hedw. Geddes Gorge.

HEDWIGIA—Ehrh.

H. CILIATA—Ehrh. Onon. Hill.

HYLOCOMIUM—Schi.


HYPNUM—Dill.

H. ADNUCUM—Hedw. Twin Lakes.
H. ADUNCAN—Hedw. Euclid.
H. BOSCHII—Schim. Marcellus.
H. CORDIFOLIUM—Hedw. Jamesville.
H. ELEGANS—Hook. Phoenix.
H. FILICINUM—Lin. LaFayette Woods.
H. HISPIDULUM—Brid. Montfrefdy.
H. IMPONENS—Hedw. Baldwinsville.
H. LAETUM—Brid. Onon. Hill.
H. MINUTULUM—Hedw. Onon. Hill.
H. MOLLUSCUM—Hedw. Otisco.
H. ORTHOCLADON—Beauv. Tamerac.
H. *Rutabulum*—Lin. Otisco.
H. *Salebrosum*—Hoffm. Marcellus.
H. *Schreberi*—Willd. Green Lake.
H. *Serrulatum*—Hedw. Otisco.
H. *Splendens*—Hedw. Otisco.
H. *Squarrosum*—Lin. Onon. Hill.
H. *Stellatum*—Drum. Manlius.
H. *Sullivantii*—Spruce. Otisco.
H. *Temariscum*—Hedw. Elmwood.
H. *Triquetrum*—Lin. Fiddler’s Green.

**Leptobrium**—Schimp.

L. *Pyriforme*—Schimp. Green Lake.

**Leptodon**—Mohr.

L. *Trichomitrium*—Mohr. Loomis Hill.

**Mnium**—Lin.

M. *Affine*—Bland. Oran.
M. *Cuspidatum*—Hedw. Tully.
M. *Orthorrhyncum*—Bruch. Twin Lakes.
M. *Serratum*—Laich. LaFayette.

**Neckera**—Hedw.

N. *Pennata*—Hedw. Skaneateles.

**Orthotrichum**—Hedw.

O. *Obtusifolium*—Schrad. Euclid.
O. *Ohioense*—Sulv. Baldwinsville.
O. *Hutchinsiae*—Smith. Orville.

**Philonotis**—Brid.

P. *Marchica*—Brid. Montfredy’s.

**Plagiothecium**—Schimp.

P. *Denticulatum*—Dill. Geddes.
P. *Denticulatum var. Lactum*—Dill. Geddes.
POLYTRICHUM.
P. COMMUNE—Lin. Centerville.
P. JUNIPERINUM—Willd. Euclid.

PTYCHOMITRIUM—Br. & Sc.
P. INCURVATUM—Lin. Green Lake.

POTTIA—Ehrh.

RHYNCOSTEGIUM—Schimp.
R. MICANS VAR. ALBULUM—Lind. Twin Lakes.
R. RECURVANS—Schuz. Peppermill Gorge.

SPHAGNUM—Dill.
S. ACUTIFOLIUM—Ehrh. S. Hunt’s Swamp.
S. CUSPIDATUM—Ehrh. Dewitt.
S. CYMBIFOLIUM—Ehrh. Cicero Swamp.

TRICHOSTOMUM—Smith.
T. PALLIDUM—Hampe. Centerville.

TETRAPHIS—Hedw.
T. PELLUCIDA—Hedw. Euclid.

ULOTA—Mohr.
U. CRISPULA—Brid. Euclid.

WEISIA—Hedw.
W. VIRIDULA—Brid. Geddes.

HEPATICE/E—Scale Mosses.
ANEURA—Lindb.
A. LATIFRONS—Lindb. Jamesville Road.

ASTERELLA.
A. HEMISPHERICA—Undw. Jamesville Road.
BAZZANIA—S. F. Gray.


BLASIA—Micheli.


BLEPHAROSTEMA.

B. TRICHOPTYLLUM—Dumort. Rare. Onon. Valley.

CEPHALOZIA—Dumort.

C. BICUSPIDATA—Dumort. Jamesville Road.
C. CURVIFOLIA—Dumort. Marcellus.
C. DIVARICATA—Dumort. Marcellus Falls.
C. MULTIFIDA—Spruce. Valley.

CHILOSCYPHUS—Corda.


DIPLOPHYLLUM—Dumort.

D. ALBICANS VAR. TAXIFOLIUM—Nees. Tamerac Swamp.

FRULLANIA—Raddi.

F. ASAGRAYANA—Mont. Hopper's Glen.

JUNGERMANIA.

J. BARBATA—Schreb. Primrose Hill.
J. EXCISA—Schrad. East Syracuse.
J. INCISA—Schrad. Valley.
J. PUMILA—With. Peppermill Gorge.
J. SCHRADERI—Martin. Salt Marsh.
J. VENTRICOSA—Dicks. Clay.
KANTIA—S. F. Gray.


LEJEUNEA—Libert.

L. SERPYLLIFOLIA—Libert. East Syracuse.

LEPIDOZIA—Dumort.

L. EPARTANS—Dumort. Jamesville Road.
L. SETACEA—Mitt. Marcellus.

LIOCHL/ENA.

L. LANCEOLATA—Nees. Dewitt.

LOPHOCOLEA—Dumort.

L. BIDENTATA—Dumort. Dewitt.
L. HETEROPHYLLA—Nees. Davis Woods.
L. MINOR—Nees. Riegal Woods.

LUNULARIA—Mich.


MARSUPELLA—Dumort.

M. EMARGINATA—Dumort. Howlett Gorge.

METZGERIA—Roddi.

M. CONJUGATA—Lindb. Cazenovia Road, May, 1889. Undw.

MYLIA—S. F. Gray.

M. TAYLORI—S. F. Gray. Jamesville Road.

NARLIA—S. F. Gray.

N. CRENULATA—Lindb. Old field, Onon. Hill.

ODONTOSCHISMA—Dumort.

O. SPHAGNI—Dumort. South Onondaga.

PALLAVICINIA—S. F. Gray.


PELLIA.

P. ENDIVIAEFO利亚—Dumort. Harbor ditch.
PLAGIOCHILA—Dumort.
P. PORELLOIDES—Lind. Cicero Swamp.

PORELLA—Dill.

P. PLATAPHYLLA—Lindb. On old chestnut tree.

PTILLIDIIUM—Nees.
P. CILIARE—Nees. Old stump. Tamerac Swamp.

RADULA—Dumont.

R. SPICATA—Und. East Syracuse.

SCAPANIA—Dumort.
S. NEMEROSA—Dumort. Tamerac.
S. UNDULATA—Dumort. Onondaga Hill.

TRICHOCOLEA—Dumort.
T. TOMENTELLA—Dumort. Tamerac Swamp.

MARCHANTIACE/E—Marchant—Liverworts.

CONOCEPHALUS—Neck.
C. CONICUS—Dumort. Howlett Gorge.

FIMBRIARIAM—Nees.

F. TENELLA—Nees. Primrose Hill.

GRIMALDIA—Raddi.
G. RUPESTRIS—Lindenb. Marcellus rocks.

LUNULARIA—Micheli.
L. VULGARIS—Raddi. Marquisee’s Green-house.

MARCHANTIA—March.
M. POLYMORPHIA—Nees. Common everywhere.

PREISSIA—Nees.
P. COMMUTATA—Nees. Jamesville Road.

RICCIA.
R. CRYSTALLINA—Lin. Mud Lock.
R. LUTESCENS—Schwein. Ditch north from Salina.
R. FLUITANS—Lin. With lutescens.
R. NATANS—Lin. Open field, Valley road.
SUBKINGDOM. SPERMATOPHYTA

SEED-BEARING PLANTS

PINACEÆ—Lindl, 1836—Pine Fam.

PINUS—Lin., 1753.

Frequent, especially in northern part of county, occasionally forming groves. Fascicles of five leaves. North Syracuse, June, 1903.

P. RESINOSA—Ait, 1789. Canadian or Red Pine.
Rare. Fascicles of two leaves. Scattered throughout the county. Clay, July, 1903.


LARIX—Adams, 1763.

L. LARICINA—Koch, 1873. (Larix Americana—Michx, 1803.) Tamarack, or American Larch.

PICEA—Link, 1830.


P. MARIANA—B. S. P. (Picea Nigra, Link, 1841.)
Frequent. Swamps, throughout the county. Clay, May, 1899.

P. RUBRA—Link, 1841. (Pinus Rubra.) Red Spruce.
Frequent. With and similar to P. Mariana. Clay, May, 1899.
TSUGA—Carr, 1855.

T. **Canadensis**—Carr, vree. (*Trait—Conif., 1890.*) (*Pinu Canadensis.*) Hemlock.


ABIES—Juss, 1789.

A. **Balsamea**—Mill, 1768. Balsam Fir.

Bark smooth, with blisters of balsom. One locality only reported. North Cicero Swamp, June, 1902.

THUJA—Tourn, 1753.


Very small, closely imbricated, oppressed, persistent leaves, forming a flat spray. Decorative. Frequent. May, June.

J. **COMMUNIS**—Lin. Juniper.


J. **VIRGINIANA**—Lin. Red Cedar.


Shrubby Red Cedar.


TAXACEÆ.

TAXUS—Lin.


T. **Canadensis**—Wild.

Common. Low, straggling bush. Fertile flowers, becoming a bright red drupe. April, May.
MONOCOTALEDONES.

TYPHACEÆ.

TYPHA—Lin.


SPARGANIACEÆ—Agardli.

SPARGANIUM.


NAIDACEÆ—Lindl, 1836—Pondweed Fam.

POTAMOGETON—Lin, 1753.


Frequent. Similar though much smaller than P. Natans in every part. Ponds and ditches. Valley, August, 98.

P. AMPLIFOLIUS—Tuckerm, 1848. Large-leaved Pondweed.

P. NUTTALLII—Cham, 1827. (P. Claytonia—Tuck, 1843.) Nuttall's Pondweed.

P. ALPINUS—Balbis, 1804. (P. rufesceno—Schrad, 1815.) Northern Pondweed.
Frequent. Ponds etc. Hoyt Pond, 1896.

P. LONCHITES—Tuck, 1848. Long-leaved Pondweed.
Occasional. Floating leaves, pointed both ends; submerged leaves, long, wavy and pellucid. Slow streams etc. Clay, 1896.

P. HETEROPHYLLUS—Schreb, 1771. Various-leaved Pondweed.

Frequent. Ponds etc. Leaves all submerged, shining above. Tully Lake, July, 1895.

Leaves all submerged. Fruit keel shaped. Seneca River, summer, 1895.


Leaves linear, auricled at base. Flowers under water.
Apulia Pond, Aug., 1889.

P. **SPIRILLUS**—Tucks, 1848. Spiral Pondweed.
Embryo spiral. Leaves linear. Onondaga Creek, July, 1900.

**RUPPIA**—Lin, 1753.

R. **MARITIMA**—Lin., 1753. Maratime Ruppia.
Fertilizes above surface of water. After fertilization peduncles coil, drawing fruit below the surface. Found in a brackish puddle. Salt Marsh near Salina, July, 1895, by L. L. G.

**ZANNICHELLIA**—Lin, 1753.

Leaves filliform; Fruit submerged. Frequent. Pond, Little York, July, 1897.

**NAIAS**—Lin, 1753.

N. **MARINA**—Lin., 1753. (*N. Major, All, 1785.*) Large Naias.
Stem stout; Armed with prickles. Leaves coarsely toothed; whorled. Frequent. Tully Lake, 1895.

N. **MARINA GRACILIS**—Morong, 1885. Small Nais.
Leaves narrow with teeth on edge and back. Marsh near Long Branch.

N. **MARINA RECURVATA**—Dudley, 1886. Dudley's Nais.
Leaves recurved; 3 to 4 teeth on margin; none on back. One each side of base. Frequent. Onondaga and Cayuga Marshes. Long Branch, 1889.

N. **FLEXILIS**—Root and Schmidt, 1824. Slender Nais.
Leaves linear; pellucid; finely serrulate. Common. Streams and roads. Summer.

Thread-like Naias.
SCHEUCHZERIAE—Agardh, 1858—Arrow-grass Fam.

TRIGLOCHIN—Lin, 1753.


ALISMACEÆ—D. C., 1805—Water Plantain Fam.

ALISMA—Lin, 1753.


SAGITTARIA—Lin, 1753.


VALIANERIACEÆ—Dumort, 1829—Tape Grass Fam.

PHILOTRIA—Raf., 1818.


VALLISNERIA—Lin, 1753.

V. SPIRALIS—Lin., 1753. Tape Grass or Eel Grass. Like Philotrea in manner of fertilization. Then the thread-like scape coils drawing fertilized fruit under water to mature. Common. Lakes and ponds. August.

LIMNOBIUM—L. C. Richards, 1811.


GRAMINEÆ—Jues, 1789—Grass Fam.

ANDROPOGAN—Lin, 1753.


SYNTERISMA—Walt., 1788.


PANICUM—Lin, 1753.


IXOPHORUS—Schlecht, 1861.


I. VERTICILLATUS—Nash. (B. T. C., 1895.) (Setaria Verticillata—Beauv., 1812.) Fox-tail Grass.

Abundant in old gardens. Onondaga Hill, July, 1898.

I. VIRIDIS—Nash. (B. T. C., 1895.) (Setaria Viridis—Beauv. 1812.) Green Fox-tail Grass

Widely distributed in cultivated grounds. Onondaga Hill, July, 1898.


ZIZANIA—Lin, 1753.


Common in shallow water and borders of streams. Valley, 1898.

HOMALOCENCHRUS—Mieg, 1768.

H. VIRGINICUS—Brit. (N. Y. Acad. of Science, 1889.) (Leersia Virginica—Willd, 1797.) White Grass.

Swampy grounds near streams or ponds. Long Branch near Seneca River. Aug., 1899.

H. ORYZOIDES—Poll., 1776. (Leersia Oryzoides—Swartz, 1792.) Rice Cut-grass.


PHALARIS—Lin., 1753.

P. ARUNDINACEA—Lin., 1753. Reed Canary Grass.

Rare in wet places. Bear road, Centerville and Elmwood. Probably escaped.

ANTHOXANTHUM—Lin., 1753.


ORYZOPSIS—Michx, 1803.

In rocky places, Jamesville Road hillside. June.


MILIUM—Lin.

MILIUM EFFUSUM—Lin., 1753. Tall Millet Grass.

MUHLENBERGIA—Shreber, 1789.

MUHLENBERGIA SOBOLIFERA—Trin, 1824. Rock Muhlenbergia.

M. MEXICANA—Trim, 1824. Meadow Muhlenbergia.


**BRACHYELYTRUM**—Beauv., 1812.


**PHLEUM**—Lin., 1753.


**ARISTIDA**—Lin., 1753.


**ALOPECURUS**—Lin., 1753.


**SPOROBOLUS**—R. Br., 1810.

PLANTS OF ONONDAGA COUNTY

CINNA—Lin., 1753.

C. ARUNDINACEAE—Lin., 1753. Wood Reed-grass.
Frequent. Moist woods and swamps. Onondaga Hill, Sept., 1893.

C. LATIFOLIA—Griseb, 1853. (C. Pendula—Trin.) Slender Wood Reed-grass.

AGROSTIS—Lin., 1753.


A. ALBA VAR VULGARIS—Thurber in A. Gray, 1890. Herd Grass, or Slim Redtop.
Fields and roadsides, same as Alba.


A. PERENNANS—Tuckerm, 1843. Thin-grass.
Aug., 1890.

CALAMAGROSTIS—Adams, 1763.

C. CANADENSIS—Beauv, 1812. Blue-joint Grass.
In swampy places. Color similar to Red Top. Common in July.

C. NEGLECTA—Gaertn, 1799. Narrow Reed Grass.
In high places. Rare. Pompey Hill, Aug., 1883.

AMMOPHILA—Host, 1809.

A. ARENARIA—Link. Sea Sand Reed.
Shores of lakes. Sandy Beach, Onondaga Lake, Aug., 1883.

APERÁ—Adams, 1763.

A. SPICA VENTI—Beauv, 1812. Silky Bent Grass.
In waste grounds. Rare. In dump ground, city, July. 1885.
DESCHAMPSIA—Beauv.

D. **CAESPITOSA**—Beauv, 1812. Tufted Hair Grass.

D. **FLEXUOSA**—Trin., 1836. Wavy Hair Grass.
In dry woods. Indian Reservation. Not rare. August.

AVENA—Lin., 1753.

A. **STRIATA**—Michx, 1803. Purple Oat.

ARRHENATHERUM—Beauv., 1812.

A. **ELATIUS**—Beauv, 1828. Oat Grass.

DANTHONIA—D. C., 1805.

D. **SPICATA**—Beauv, 1817. Common Wild Oat Grass.
In sandy soil. Occasional. Long Branch, August, 1900.

D. **COMPRESSA**—Austin and Peck, 1869. Flattened Wild Oat Grass.

SPARTINA—Schreb, 1789.

S. **CYNOSUROIDES**—Willd, 1809. Tall Marsh Grass.
Frequent. In swamps and streams of fresh brackish water. Long Branch.

S. **POLYSTACHYIA**—Michx, 1803. Salt Reed Grass.

S. **PATENS**—Muhl, 1817. (S. *Junce*—Eli.) Salt Meadow Grass.

S. **STRICTA**—Roth, 1806. Smooth Marsh Grass.
PLANTS OF ONONDAGA COUNTY


**ELUSINE**—Gaertn, 1788.


**PHRAGMITES**—Trin., 1820.


**SIEGLINGIA**—Berth, 1800.


**DIPLACHNE**—Beauv, 1812.


**ERAGROSTIS**—Nees, 1820.


**EATONIA**—Raf., 1819.

KOELERIA.


DISTICHILIS.


DACTYLIS—Lin., 1753.


CYNOSURUS—Lin., 1753.


POA—Lin., 1753.


P. **FLAVA**—Lin., 1753. (*P. Scrotilna—Ehrh, 1791.*) False Red Top.  

P. **DEBILIS**—Torr, 1843. Weak Spear Grass.  
Frequent. Rocky woods. Early spring. Jamesville Road, May, 1900.

P. **SYLVESTRIS**—A. Gray, 1848. Sylvan Spear Grass.  
Rare. Rocky woods. Scolopendrium Green Lake, 1892.

P. **ALSODES**—A. Gray, 1856. Grove Meadow Grass.  
Not common. Woods. River banks and thickets. Valley Road, 1889.

**GRAPHEPHORUM.**

G. **MELICOIDEUM**—Beauv., 1812. Graphephorum.  
Rare. Wet soil. Otisco. (S. Cole.) 1886.

**PANICULARIA**—Fabr., 1763.

P. **CANADENSIS**—Kuntze, 1841. (*Glyceria Canadensis—Trin.*) Rattlesnake Grass.  


Common. July and August.

P. **AMERICANA**—Mac M., 1824. Reed Meadow Grass.  

Mouth of Harbor Brook, Aug., 1898.


Shallow water. Bridgeport Road, Aug., 1882.
PUCCINELLIA—Parl, 1848.


FESTUCA—Lin., 1753.


BROMUS—Lin., 1753.


B. **Secalinus**—Lin., 1753. Cheat Chess. Frequent in old grain fields. West Farm, South Onon., July, 1897.


**Lolium**—Lin., 1753.


**Agropyron**—Gaertn, 1770.


**Elymus**—Lin., 1753.


**Hystrix**—Moench, 1794.

CYPERACEÆ—J. St. Hill, 1805—Sedge Fam.

CYPERUS—Lin., 1753.


CYPERAS—Lin., 1753.

C. **FILICULMNIS**—Vahl, 1806. Slender Cyperus.  

C. **HOUGHTONI**—Torr, 1836. Houghton’s Cyperus.  
Dry, sandy soil. Frequent. Mr. Calthrop’s woods. July, 1881.

**DULICHIUM.**

D. **ARUNDINCEUM**—Brit. (*D. Spathaceum*—Pers. 1805).  

**ELEOCHARIS**—R. Br., 1910.


E. **ACICULARIS**—R. & S., 1817. (*Scirpus acicularis*—L.)  

E. **TENUIS**—Schultes, 1824. (*Scirpus tenuis*). Slender Spike-rush.  

E. **INTERMEDIA**—Schultes, 1824. (*Scirpus intermedia*).  

E. **TENUIS**—Schultes, 1824. (*Scirpus intermedia*—Muhl, 1817.) Matted Spike-rush.  
Swamps and moist, hilly places. Frequent. Tamerac. 1882.

PSilocarya—Torr, 1836.


Stenophyllum—Raf., 1825.


Fimbriostylis—Vahl.


Scirpus—Lin., 1753.


S. **TORREYI**—Olney, 1847. Torrey’s Bulrush.

S. **CYLINDRICUS** — Brit, 1892. (*S. Maritimus* — *Lin.*) Cranby’s Bulrush.
Brackish or salt lands. Liverpool, Shore Onon. Lake.

S. **LACUSTRIS**—Lin., 1753. (*S. Validus*—Vahl, 1806.)
Great Bulrush.
Distributed throughout N. A. in still fresh water. Tully. July.

S. **ROBUSTRIS**—Pursh, 1814. Salt Marsh Bulrush.

S. **FLUVIATILIS**—A. Gray, 1848. (*Scirpus maritimus var fluviatilis*—Torr.) River Bulrush.
Shallow water in rivers and lakes. Seneca River, Lake Bonapate.

S. **SYLVATICUS**—Lin., 1753. Wood Bulrush.

S. **ATROVIRENS**—Muhl, 1817. Dark Green Bulrush.

S. **POLYPHYLLUS**—Vahl, 1806. Leafy Bulrush.

S. **CYPERINUS**—Kunth, 1837. (*S. Cryophorum var cyperinus*—A. Gray). Wool Grass.

**ERIOPHORUM**—Lin.

E. **ALPINUM**—Lin., 1753. Alpine Cotton Grass.


**RYNCHOSPORA**—Vahl, 1806.

R. **CORNICULATA**—A. Gray, 1815. (*R. C. macrostachys*—Britton, 1892.) Horned Rush. Rare.


**CAREX**—Lin., 1753.


C. **LUPILINA**—Muhl, 1806. Hop Sedge. Rare. Clay, 1890.


C. **Scabrata**—Schwein, 1824. Rough Sedge. Occasional. O. Hutchinson Farm, Onon. Hill, June, 1891.


C. **Stricta Augustata**—Boot, 1890. Found with stricta. Differs in color, form of nodes, etc. Not as plentiful as stricta.


C. **TORTA**—Boot, 1843. Twisted Sedge.  
Flower stalk slightly twisted toward apex. Near Otisco Lake. 1889.

C. **PRASINA**—Wahl, 1803. Drooping Sedge.  
Frequent in meadows and moist woods. One of our most graceful sedges. Tully. 1890.

C. **LIMOSA**—Lin., 1753. Mud Sedge.  
Not rare in stagnant waters. Clay. 1889.

C. **MAGELLANICA**—Lam., 1789. *(Carex Irriqua—Smith, 1826.)* Magellan Sedge.  
Infrequent. Pompey Hill. 1889.

C. **CRINITA**—Lam., 1789. Fringed Sedge.  
Common in low marshy grounds. Rockwell Springs. 1891.

C. **GYNANDRA**—Schwein, 1824. Nodding Sedge.  
Strongly resembles crinita, smaller in all of its parts with rough awl-shaped scales. Swamp near Otisco Lake.

C. **VIRESCENS**—Muhl, 1805. Downy Green Sedge.  

C. **GRACILLIMA**—Schwein, 1824. Graceful Sedge.  
Tall and graceful sedge. In moist woods and meadows. Otisco.

C. **CASTANEA**—Wahl, 1803. *(Carex Flexilis—Rudge, 1804.)* Chestnut Sedge.  
Found in vicinity of chestnut trees, more than elsewhere. North Syracuse, 1892.

C. **DEBILIS VAR PUBERA**—A. Gray, 1829. Flowering Sedge.  
Rare. Otisco hills, 1889, S. Cole.

C. **ARCTATA**—Boot, 1840. Drooping Wood Sedge.  
Spikes drooping on the stalks. Frequent in rich woods. LaFayette woods, 1889.

C. **TENUIS**—Rudge, 1804. Slender Stalked Sedge.  

C. **OBLITA**—Stend, 1855. *(Carex Glabra—Boot, 1860.)*  


C. VIRIDULA—Michx, 1803. (Carex Oederi—Ehrh.) Green Sedge. Bailey states is a waif from Europe. Gray's Manual gives Oederi a broad distribution on wet rocks. On Jamesville Road, 1890.

C. PALLESCENS—Lin., 1753. Pale Sedge. Rare. In clay soil on roadside to Green Point, 1889. Varying bracts, some with transverse waves found with the normal.


C. **CRUS CORVI**—Shutt1w, 1844. Raven’s-foot Sedge. Rare. Specimens on hand found in swamp northwest from Camillus, about 1888.


C. **ATLANTICA**—Bailey, 1893. Eastern Sedge. Rare. In swampy places. Swamp, Valley Road, 1898.


C. **DEWEYANA**—Schwein, 1824. Dewey’s Sedge. Frequent. In dry fields and hillsides. Mr. Calthrop’s Grove, July, 1890.


C. **SCOPARIA VAR. MINOR** — Boot, 1862. Small Pointed Broom Sedge.
Similar to, though much smaller than Scopario and its
habitat is rocky hillsides and dry sterile grounds. Have
not been able to find it with Scoparia in wet places.
Plentiful. Jamesville Road, July, 1890.

Common in low grounds and fields. Near East Syracuse, June, 1895.

C. **FOENEA**—Willd, 1809. Hay Sedge.
Not common. Confined to rocky places. Jamesville Road, 1893.

C. **FOENEA VAR. PERPLEXA** — Bailey, 1889. Varied Hay Sedge.
Found with C. Foenea. Varies in several respects and
worthy the varietal name. Jamesville Road, July, 1893.

C. **STRAMINEA**—Willd, 1801. Straw Sedge.
Common in dry fields. Grays's report: "Immensely
Variable."

C. **MIRABILIS**—Dewey, 1836. (Carex Straminea Mirabilis—Tuckerm, 1843.) Varied Straw Sedge.
Britton says: "Perhaps better regarded as distinct
species." In S. B. C. collection. Varieties: Brevior,
Typica, Hyalina, and Meadii. Found in dry soil.
Frequent and var. Foenea. Found in Salt Marsh, Onon. Lake.

C. **TENERA**—Dewey, 1824. Marsh Straw Sedge.
Comon or plentiful in marsh north of 1st Ward near
watering trough. Cicero Plank Road, July, 1908.

Frequent. Roadside north from Salina, July, 1908.

Occasional with C. Straminea. Salt Marsh, near
Onon. Lake, June, 1905.
ARACEÆ—Neck, 1770—Arum Fam.

ARISAEMA—Mort, 1831.


PELTANDRA—Raf, 1819.


CALLA—Lin., 1753.


SPATHYEMA—Raf, 1808.


ORONTIUM—Lin., 1753.


ACORUS—Lin., 1753.

LEMNACEÆ—Dumart, 1827—Duckweed Family.

SPIRODELA—Lin., 1753.


LEMNA—Lin., 1753.


WOLFFIA—Horkel, 1839.


XYRIDACEÆ—Lindl, 1836—Yellow-eyed Grass Family.

XYRIS—Lin., 1753.


ERIOCAULACEÆ—Lindl, 1847—Pipewort Fam.

ERIOCAULUM—Lin., 1753.

PONTEDERIACEAE—Dumont, 1829—Pickerel Weed Fam.

PONTEDERIA.


HETERANTHERA—Ruiz and Pov, 1794.


JUNCACEÆ—Vent, 1799—Rush Fam.

JUNCUS—Lin., 1753.


J. *DICHTOMUS*—Ell, 1817. Forked Rush.  
Plentiful near shores of Onon. Creek and dry sandy fields. South Onon., 1895.

Very slender with scattered flowers. Plentiful. Adapts itself to wet or dry soils, sand or clay. D. yard, 1895.

Frequent in wet sandy soil. Generally near border of lakes or streams. Pleasant Beach, Onon. Lake, 1880.

J. *RICHARDSONIANIUS*—Schult, 1829. Richardson's Rush.  
(*Juncus Alpinus var. Insignis*—Fries, 1866.)  

Common. Low muddy grounds. Mud Lock, 1885.

Frequent. Wet sand soil. Shores of Onon. Lake, 1885.

Rare. Wet sandy soil. Shore Onon. Lake, 1885.

Reported from good authority. Have not personally seen this rush.

Identification not wholly satisfactory, yet description fits best of any found.

Common everywhere. Late summer. Varies greatly. Tipical form. Bridgeport Road, 1889.

JUNCOIDES—Adams, 1763.

(Luzula—D. C., 1805.)


MELANTHACE/E—R. Br., 1810—Bunch-flower Fam.

(Liliceae—Adams, 1763.)

TOFIELDIA—Huds, 1778.


CHAMÆLIRIUM—Willd, 1808.


ZYGADENUS—Michx, 1803.


VERATRUM—Lin., 1753.

UVULARIA—Lin., 1753.

U. *PERFOLIATA*—Lin., 1753. Perfoliate Bellwort.
Frequent in all rich woods. May and June. Hopper’s Glen, June, 1900.

U. *GRANDIFLORA*—J. E. Smith, 1805. Large-flowered Bell-wort.
Frequent in rich woods, same as Perfoliata.

Not as frequent as the two former, but similar habitat. Brewerton, Apr., 1890.

LILIACEÆ—Adams, 1763—Lily Fam.

HEMEROCALLIS—Lin., 1753.

H. *FULVA*—Lin., 1762. Day Lily.
Frequent in meadows and roadsides. Escaped. Fairmount, July, 1900.

ALLIUM—Lin., 1753.

A. *TRICOCUM*—Ait, 1789. Wild Leek.
Frequent in rich woods. Leaves appear in early spring and die down before flowers develop in June. Kimber Woods.

Rare. In moist woods. Clay Station, July, 1894.

A. *CERNUUM*—Roth, 1798. Nodding Wild Onion.
Not common. Varies. Lily’s Grove, location of City reservoir, July, 1880. Also Onon. Hill.

A. *VINEALE*—Lin., 1753. Field Garlic.

A. *CANADENSE*—Lin., 1753. Meadow Garlic.
Similarity to Vineale almost complete and habitats the same.
LILIUM—Lin., 1753.

Dry or sandy ridges. Frequent. Smith & Powell Farm, July, 1880.

L. CANADENSE—Lin., 1753. Wild Yellow Lily.
Borders of swamps, etc. Frequent. Onondaga Valley, June, 1891.

L. SUPERBUM. Turk’s-cap Lily.
In rich low grounds and meadows. Handsome under cultivation. Color not so bright here as west. Low land near Onon. Valley, 1885.

ERYTHRONIUM—Lin., 1753.

E. AMERICANUM—Ker, 1808. Yellow Adder’s-tongue.
Common in all rich woods in early spring. One of the first flowers to greet us. May, 1881.

E. ALBIDUM—Nutt, 1818. White Adder’s-tongue.
Very similar to E. Americanum, except that the flowers are white and according to Brittain blue or purple. Found once only, the white in Eastwood, 1895; but have not known of blue or purple.

QUAMASIA—Raf, 1818.

(Camassia—Lindl, 1832.)

Q. HYACINTHINA—Raf, 1836. Wild Hyacinth.
Very rare. Banks of creeks etc. Onon. Creek, June, 1900.

ORNITHOGALUM—Lin., 1753.

Rare. In fields and meadows. Probably escaped from gardens and became naturalized. Near a brook in meadow, Onon. Hill and Howlett’s Woods, June, 1885.

MUSCARI—Mill, 1759.

CONVALLARIAE—Link, 1829—Lily of the Valley Fam.

ASPARAGUS—Lin., 1753.

Frequent. Escaped from gardens and naturalized.

CLINTONIA—Raf, 1819.

C. BOREALIS—Raf, 1832. Yellow Clintonia.
Not frequent. Tamerac Swamp, 1890. Locality destroyed.

VAGNERIA—Adams, 1763.

(Smilacena—Desf, 1807.)

V. RACEMOSA—Morong, (Torr Club), 1894. Wild Spikenard. (Smilacena Racemosa — Desf, 1807). (False Solomon’s Seal.
Frequent in moist woods. Jamesville Woods, June, 1883.

V. STELLATA — Morong. (Smilacena Stellata — Desf, 1807.) Star Flowered Solomon’s Seal.
Frequent. Habitat same as V. Racemosa.

Abundant in rich woods and openings. Tamerac, May, 1900.

UNIFOLIUM—Adams, 1763.

(Smilacena—Desf, 1807.)

U. CANADENSE—Greene, Torr Club, 1888. (Smilacena Bifolia—A. Gray.) Two-leaved Solomon’s Seal.
Abundant in moist, rich woods and swampy places. Cicero Swamp, June, 1885.

STREPTOPUS—Michx, 1803.


POLYGONATUM—Adams, 1763.


P. COMMUTATUM—Dietr, 1835. (P. Giganteum). Smooth Solomon’s Seal. Rare. Open fields, banks of streams, etc. Tully, June, 1886.

MEDEOLA—Lin., 1753.


TRILLIUM—Lin., 1753.


T. GRANDIFLORUM VAR. VARIEGATUM—Peck, 1895: Variable Wake-robin. Remarkably variable. I have twenty-three different forms in my possession now, most of which I found in Kinney Woods, Jamesville.

T. ERECTUM—Lin., 1753. Ill-scented Wake-robin. Frequent with T. Grandiflorum. Flowers a purplish red. Odor unpleasant. Appears before the former. Occasionally pale yellow flowers of this species have been found. In Hubbell Woods, Onon. Valley, and near Pratt’s Falls.

SMILACEÆ—Vent, 1799—Smilax Fam.

*(Smilasena.)*

SMILAX—Lin., 1753.

S. HERBACEA—Lin., 1753. Carrion Flower.
Woods and banks of streams. Frequent. South Onon. May, 1889.


HAEMODORACEÆ—R. B., 1810—Bloodwort Fam.

GYROTHERCA—Salisb, 1812.

In swamps. Found by Samuel Cole, Otisco, July.

AMARYLLIDACEÆ—Lindl, 1836—Amaryllis Fam.

HYPOXIS—Lin., 1759.

H. HIRSUTA—Coville. *(Hypoxis Erecta — Lin., 1753.)*
Star-grass.
Meadows and moist, grassy places. Frequent.

IRIDACEÆ—Lindl, 1836—Iris Fam.

IRIS—Lin, 1753.

I. VERSICOLOR—Lin., 1753. Large Blue Flag.
Abundant in marshes. All parts of Onon. Co. June, 1894.

I. PRISMATICA — Pursh, 1814. *(Iris Virginica — Muhl, 1815.)* Slender Blue Flag.
In low marshes. Infrequent. Salt Marsh near Geddes, 1885.
I. PSEUDACORUS—Lin., 1753. Yellow Flag.
   Rare. Swamp by Brewerton Plank Road. North from Salina, July, 1889. The only place I have found it.

I. LACUSTRIS—Nutt, 1818. Dwarf Lake Iris.
   Rare. Near Green Point. Low lands, June. Also by S. Cole, Otisco.

SISYRINCHIUM—Lin., 1753.

   Moist meadows, with the grass. Common everywhere. June, August.

S. ATLANTICUM — Bicknell. (Bull, Torr Club, 1896).
   Eastern Blue-eyed Grass.
   Frequent. Onon. Lake Marsh, June, 1898.

ORCHIDACEÆ—Lindl, 1836—Orchid Fam.

CYPRIPEDIELM—Lin, 1753.


   Infrequent. Woods and swamps. Variable. Cicero Swamp, June, 1880. A white variety was found in same locality by L. L. Goodrich, June, 1895. Only one specimen.

C. REGINAE — Walt, 1788. (Cypripedium Spectabile — Salish, 1791.) Showy Ladies' Slipper.
   Rare, though abundant in swamp in Fabius, July, 1895, and occasional in swamps throughout Tully and Apulia.

   Rare. Cicero Swamp and Tamerac, June, 1891. Appears like a variation of C. Parviflorum.

C. HIRSUTUM — Mill, 1768. (Cypripedium Pubescens).
   Large Yellow Ladies' Slipper.
C. **Parviflorum** — Salisb, 1791. Small Yellow Ladies' Slipper.
Similar to Hirsutum. Range the same, and considered by some to be a variation, but the brighter yellow lip, longer sepals, which with petals are brown and purple, together with especial fragrance of flower, warrant its specific name. Calthrop and Britton's Woods.

**ORCHIS**—Lindl, 1753.

O. **Spectabilis**—Lin., 1753. Showy Orchis.
Rich, moist woods. Occasional. Low. 3 to 8 inches high, with two ovate leaves near the base. Flowers very attractive, purple and lavender, on a spike about 3 inches high. Round Lake, June, 1899.

**Habenaria**—Willd, 1805.


H. **Hookeriana**—A. Gray, 1836. *(Habenaria Hookerii — Torr, 1836.)* Hooker's Orchis.


H. **Dilitata** — Hook, 1825. *(Orchis Dilitata — Pursh 1814.)* Tall White Bog Orchis.

H. **Bracteata**—R. Br., 1813. Long Bracted Orchis.
H. **CLAVELLATA**—Spreng, 1826. (*Habernaria Tridentata—Hook, 1825.*) Small Green Wood-Orchis.
One oblongate, long basal leaf; smaller one above; bractlike. Rare. Wooded swamps. Centerville swamp. July, 1890.

H. **FLAVA**—A. Gray, 1840. (*Habernaria virescens—Spreng, 1826.*) Tubercled Orchis. Pale Green Orchis.

H. **CILIARIS**—R. Br., 1813. Yellow-fringed Orchis.

H. **BLEPHARIGLOTTIS**—Torr., 1826. White-fringed Orchis.

H. **LACERA**—R. Br., 1810. (*Orchis lacera—Michx, 1803.*) Ragged Orchis.
Rare. By S. Cole, Otisco and Beaver Lake, Baldwinsville.

H. **GRANDIFLORA**—Torr., 1826. (*Habernaria fimbriata, 1867.*) Large Purple-fringed Orchis.

H. **PSYCODES**—A. Gray, 1840. Smaller Purple-fringed Orchis.
Rare. Meadows and wet grounds. Near Beech St., City Limits, July, 1890.

H. **PERAMOENA**—A. Gray, 1840. Fringeless Purple Orchis.

**POGONIA**—Juss, 1789.

P. **OPHIOGLOSSOIDES**—Ker, 1816. Rose Pogonia. Snake-mouth. Has been plentiful in Tamerac swamp. Locality fast being destroyed. Close proximity to city lines; also found sparingly near Baldwinsville. Beaver Lake.

P. VERTICILLATA—Nutt, 1818. Whorled Pogonia.
Scattered sparingly in different swamps near Otisco—Cicero Swamp, Tamerac; but more plentiful near Beaver Lake than elsewhere. June.

ARETHUSA—Lin., 1753.


EPIACTIS—R. Br., 1813.

E. VIRIDIFLORA—Reichb, 1830. (*E. Helleborina—A. Gray, 1890.*) Helleborina.
Much controversy occurred throughout both England and U. S. when this plant was found by Mrs. M. Church (a member of the Syracuse Botanical Club) as it was not supposed to grow in America. Has since been found in five different and distanced localities in this state. First find in Hubbell's Woods, near Geddes Gorge, Aug., 1879.

GYROSTACHY—Pers, 1807.

(*Spiranthes—L. C. Richard, 1818.*)


Near Kimber Springs and Kirkville, July, 1885.

Rare. Dry sandy soil, among Lupins. North Syracuse, also near Phoenix, Aug., 1896.

Slender Ladies' Tresses.
Frequent. Dry woods, etc. Baldwinsville, July, 1895.

**Listera**—R. B. r., 1813.

L. **Cordata**—R. Br. Heart-leaved Twayblade.
Rare. Woods north from Clay Station, July, 1895.

L. **Australis**—Lindl, 1840. Southern Twayblade.

**Peramiium**—Salisb, 1812. *(Goodyera.)*

P. **Repens**—Salisb, 1812. *(Goodyera Repens — R. Br., 1813.)* Lesser Rattlesnake Plantain.
Scattered. Several found in woods by Kirkville, Green Lake (none in groups) July, 1890.

P. **Pubescens**—MacM. *(Met. Minn. 172—1892) (Goodyera Pubescens—R. Br., 1813.)* Downy Rattlesnake Plantain.

P. **Menziesii**—Morong. *(Mem. Torr Club, 1894.)* *(Goodyera Menziezii—Lindl, 1840.)* Menzie's Rattlesnake Plantain.

**Achroanthes**—1808.

*(Microstylis—Nutt, 1818.)*

A. **Monophylla**—Greene, 1891. *(Microstylis Monophyl-
lla.)* White Adder's-mouth.
Rare. Minute, with one leaf. Cool woods and bogs. Cicero Swamp, July, 1897; Apulia, 1898.
LEPTORCHIS—Thomas, 1808.

(Liparis—L. C. Richards, 1818.)


CALYPSO—Salisb, 1807.


CORALLORHIZA—R. Br., 1813.


TIPULARIA.

T. UNIFOLIA—B. S. P., 1888. Crane-fly Orchid. Rare. Known by its very long spur. Two only have been reported here; one by Mrs. Mary Leach, found near Centerville, and the other by S. Cole of Otisco. Also Oswegatchie Lake, by L. L. G., 1897.

LIMODORUM—Lin., 1753.

APLECTRUM—Nutt, 1818.


DICOTYLEDONES

SAURURACEæ—Lindl, 1836—Lizard’s-tail Fam.

SAURURUS—Lin., 1753.

Frequent. Swamps and borders of waters. Long Branch, 1890.

JUGLANDACEæ—Lindl, 1836—Walnut Fam.

JUGLANS—Lin., 1753.

Frequent, especially in southern and eastern parts of Onon. Co. Flowers in May, Fruit in Oct. Marcellus Falls and J. Nichols’ farm, east from Syracuse, 1890.

Frequent. Distributed over all parts of county. Jamesville, Rockwell Springs, 1890.

HICORIA—Raf, 1808.

(Carya—Nutt, 1818.)

Frequent. Roadsides and fields. Willow St., Syracuse, June, 1899.


**MYRICACEÆ—**Dumort, 1829—Bayberry Fam.

**MYRICA**—Lin., 1753.


M. _CAROLINENSIS_—Mill, 1768. Wax-berry. Rare. Writer has never found it. Reported as found in Gorge on Jamesville Road, Apr., 1889.

**SALICACEÆ—**Lindl, 1836—Willow Fam.

**POPULUS**—Lin., 1753.


P. **HETEROPHYLLA**—Lin., 1753. Swamp, or Downy Poplar. Leaf buds very woolly, but smooth with age. Swamps and banks of water. Skaneateles Lake, 1885.


**SALIX**—Lin., 1753.


S. **FALCATA**—Pursh, 1814. Narrow-leaved Black Willow. Leaves narrow and falcate, otherwise similar to S. Nigra; may be a variation. Found with S. Nigra. Onon. Creek. May.


S. **FRAGILIS**—Lin., 1753. Crack Willow, or Brittle Willow. Not common and thought to be a hybrid or escaped from cultivation.

PLANTS OF ONONDAGA COUNTY

S. ALBA VITELLINA—Kock, 1869. Yellow, or Golden Osier. Common, but hybridises with S. Fragilis to a very confusing degree. Loves moist places.

S. BABYLONICA—Lin., 1753. Weeping Willow, or Ring Willow. Along river banks. Extended by broken twigs floating from original to receptive soil. Formerly planted for ornament, especially in cemeteries.


S. DISCOLOR—Muhl, 1803. (Salix Crioecephala — Michx 1803.) Glaucous Willow, or Pussy Willow. Common. Swamps or moist places. Roadside, LaFayette, 1881.


S. **CORDATA**—Muhl, 1803. Heart-leaved Willow. Occasional in wet soil. Base of leaves so slightly cordate it hardly warrants the name. Baldwinsville, 1890.

S. **ANGUSTA**—Pursh, 1814. Narrow Cordate Willow. Habits and locality same as former.


**BETULACE/E**—Agardh, 1825—Birch Fam.  

**CARPINUS.**


**OSTRYA**—Scop, 1760.


**CORYLUS**—Lin., 1753.


C. **ROSTRATA**—Ait, 1789. Beaked Hazel-nut. Rare. Thickets, etc. Oakwood, 1890. In fruit, Sept., 1900.

**BETULA**—Lin., 1753.


ALNUS—Gaertn, 1791.

A. ALNOBETULA—K. Koch. (Alnus Viridis.) Green, or Mountain Alder. Baldwinsville, May, 1890.


A. RUGOSA—K. Koch, 1872. Smooth Alder. Frequent. Hillside, Jamesville Road, April, 1890.

FAGACEÆ—Drude, 1879—Beech Fam.

FAGUS—Lin., 1753.


CASTANEA—Adams, 1763.


QUERCUS—Lin., 1753.


Q. **VELUTINA—**Lam, 1783.  (*Quercus Coccinia var. Tinctoria—*A. Gray, 1867.) Black Oak. Quercitron. Frequent. Inner bark formerly used for dying purposes. Suburbs of Syracuse, June, 1890.


Q. **MINOR—**Sarg, 1889.  (*Quercus Stellato*). Post, or Iron Oak. Common. Oakwood Cemetery, June, 1890.

Q. **MACROCARPA—**Michx, 1801.  Mossy Cup, or Bur Oak. Very rare. Have only seen one tree. In lot by Phoenix Road. North from Liverpool, June, 1890.


UELMAEÆ—Mirbel, Elem, 1815—Elm Fam.

**ULMUS—**Lin., 1753.


**CELTIS—**Lin., 1753.

MORACEÆ—Lindl, 1847—Mulberry Fam.

MORUS—Lin., 1753.

Old Gen. Hutchinson Farm and Jas. M. Ellis’ Farm,
Onon. Hill, May.

M. ALBA—Lin., 1753. White Mulberry.
Old Gen. Hutchinson Farm and Skaneateles. Rare.
Cultivated or escaped from cultivation. May.

HUMULIS—Lin., 1753.

Thickets, especially banks of streams. Plentiful, but
not thought to be indiginous. Extensively cultivated.
Onon. Creek Bank, July.

CANNABIS—Lin., 1753.


URTICACEÆ—Reicheub, 1828—Nettle Fam.

URTICA.

U. DIOICA—Lin., 1753. Stinging, or Great Nettle.
Waste places and damp woods. Common. All summer.

U. GRACILIS—Ait, 1789. Slender Nettle.

Spontaneous in old gardens, roadsides, etc. Abundant
in my yard. L. L. Goodrich, Willow St.

UTRICASTRUM—Fabr., 1759.

U. DIVARICATUM — Kuntze. (1891, Rev. Gen. Pl.) (La-
portee Candensis—Gaud.) Wood Nettle.
ADICEA—Raf., 1815.  (*Pilea—Lindl, 1821*).


**BOCHMERIA**—Jacq, 1763.


**SANTALACEAE**—R. Br., 1810—Sandalwood Fam.

**COMANDRA**—Nutt, 1818.


**ARISTOLOCHIACEÆ**—Blume, 1830—Berthwort Fam.

**ASARUM**—Lin., 1753.


**POLYGONACEÆ**—Lindl, 1836—Buckwheat Fam.

**RUMEX**—Lin., 1753.


FAGOPYRUM—Gaertn, 1791.


POLYGANUM—Lin., 1753.


POLYGONELLA—Michx, 1803.


CHENOPODIACEÆ—Dumont, 1829

Goosefoot Fam.

CHENOPODIUM—Lin., 1753.


BLITUM—Lin., 1753.

Occasional in rich soil. Found very fine specimens in

ATRIPLEX.

A. PATULA—Lin., 1753. Spreading Orache.
Variable. Occasional. Streets and waste places. Sa-
lina, June, 1889:

Plentiful in saline places. Salt marshes, Geddes and
Salina, Aug., 1909.

Sept., 1909.

A. ARENARIA—Nutt, 1818. Sea Beech; Atriplex.
1909.

SALICORNIA—Lin., 1753.

Frequent. All salt marshes here. Salina, July, 1909.

S. BIGLEOVI—Torr, 1889. Biglow's Glass wort; Sam-
phire.
Habits and habitat same as S. herbacea. Salina, July,
1909.

DONDIA—Adams, 1763.

(SUAEDA—Forsk, 1775).

D. AMERICANA—Britton. Tall Sea Blite.
Infrequent on Onon. salt marshes. North of salt mill.

Low and inconspicuous in salt marsh. Aug. Near Old
Iron Pier.

SALSOLA—L., 1753.

S. KALI—Lin., 1753. Saltwort.
Aug., 1902.
AMARANTACEÆ—J. St. Hill—Amaranth Fam.

AMARANTHUS—Lin., 1753.


ACNIDA—Lin., 1753.


PHYTOLACACEÆ—Lindl, 1836—Pokeweed Fam.

PHYTOLACCA—Lin., 1753.

AIZOACEÆ—A. Br. 1864—Carpetweed Fam.

(Ficoideæ—Gray, 6th Ed.)

SESUVIUM—Lin. 1759.

Rare. Salt marsh near Geddes. Locality destroyed by Solvay refuse. Specimens found Aug., 1890.

MOLLUGO—Lin., 1753.

Common Weed in cultivated grounds. Phoenix, July, 1898.

PORTULACACEÆ—Reichub, 1828
Purslane Fam.

CLAYTONIA—Lin. 1753.

Range and construction like C. Virginianum, except form of leaves. Caroliniana, broad; Virginianum, narrow or linear.

PORTULACA.

P. OLERACEAE, Lin. 1753. Purslane, Pusley.
Frequent as a weed in old gardens. G. garden, July, 1909.

CARYOPHYLLACEÆ—Reicheub, 1828
Pink Fam.

AGROSTEMMA—Lin. 1753.

(Lychnis)

A. GITHAGO—Lin. 1753. (Lychnis Githago—Scop. vGGB).
Corn Cockle, Corn Rose, Corn Campion.
Frequent in grain fields. Otisco, July, 1895.
SILENE—Lin. 1753.


LYCHNIS—Lin. 1753.


SAPONARIA—Lin. 1753.

VACCARIA—Medic., 1789.

V. **VACCARIA**—Britton. (*Saponaria Vaccaria—Lin. 1753*)
Cow-herb.
Railroad track in Tamerac Swamp. The only specimen reported.

**DIANTHUS**—Lin. 1753.

D. **ARMERIA**—Lin., 1753. Debtford Pink.

D. **DELTOIDES**—Lin. 1753. Maiden Pink.
Only ones I have seen were from Baldwinsville, June, 1898.

D. **BARBATUS**—Lin., 1753. Sweet William.
Rare. Escaped from gardens. Summer. Fairmount, 1898.

**ALSINE**—Lin. 1753. (*Stellaria—Lin. 1753*).

Common. Low, damp places. Banks of Onon Creek. Summer.

A. **MEDIA**—Lin. 1753. (*Stellaria media Cyr. 1784*). Common Chick-weed.
Common everywhere. A great nuisance in lawns and gardens.


Frequent. Low, moist meadows. J. Knapp farm, Onon Hill, June, 1909.

Frequents various soils. First Ward, Syracuse, June, 1906.


**CERASTIUM**—Lin. 1753.


**SAGINA**—Lin. 1753.


**ARENARIA**—Lin. 1753.


**MOCHRINGIA**—Lin. 1753.

M. **M. lateriflora**—Fenzl., 1833. (*Arenaria lateriflora—Lin.*) Blunt-leaved Sandwort. Moist places and banks of lakes, etc. South Bay, Oneida Lake, 1895.

**AMMODENIA**—J. G. Gruel, 1769.

(*Arrenaria*)

A. **A. peploides**—Rupr. 1845. (*Arenaria peploides—Lin.*) Sea Beech Sandwort. Plenty on lake shore at Pleasant Beach.

**SPERGULA**—Lin. 1753.


**TISSA**—Adams, 1763.


T. **T. robra**—Britton, 1889. Habit and habitat same as **T. marina**.

**ANYCHIA**—Michx, 1803.


SCLERANTHUS—Lin. 1753.


NYMPHAEACEÆ—D. C., 1816—Water Lily Fam.

BRASENIA—Schreb, 1789.

B. PURPUREA—Casp., 1890. (Brasenia peltata—Pursh). Water Shield. Target. Plenty in ponds, etc. Known by its glutinous covering.

NYMPHAEA—Lin., 1753.


N. ADVENA—Var. Minus—Morong. Smaller and much more attractive than the coarser advena.

CASTALIA—Salisb., 1805.


CERATOPHYLLACEÆ—A. Gray, 1837

Hornwort Fam.

CERATOPHYLLUM—Lin. 1753.

MAGNOLIACEÆ—Magnolia Fam.

MAGNOLIA—Lin. 1753.


LIRIODENDRON—Lin. 1753.


RANUNCULACEÆ—Juss, 1789—Crowfoot Fam.

HYDRASTIS—Lin. 1753.


CALTHA—Lin. 1753.


COPTIS.


ISOPYRUM—Lin. 1753.


ACTAEA—Lin., 1753.


CIMICIFUGA—Lin. 1774.


AQUILEGIA—Lin. 1753.


ANEMONE—Lin. 1753.


HEPATICA—Scop., 1760.


SYNDESMON—Hoffing, 1832.

S. **THALICTROIDES**—Hoffing, 1832. *(Anemonella thalictroides—Spach, 1839.)* Frequent in swampy or moist grounds. Bank of Onon. Lake, May, 1895.

CLEMATIS—Lin. 1753.


C. **VIORNA**—Lin. 1753. Leather Flower. Thick purple sepals. Very rare. Only locality reported, woods, Jamesville Road.

ATRAGENE—Lin. 1753.


RANUNCULUS—Lin. 1753.


BATRACHIUM—S. F. GRAY, 1821.

B. TRICHOPHYLLUM—Bossch, 1850. (Ranunculus aquatilis var. trichophyllum—A. Gray, 1867.) White Water Crowfoot.

Frequent. Borders of ponds and low, wet places. Oak Orchard, July, 1890.


Less common than B. trichophyllum. Apulia Pond.

OXYGRRAPHIS—Bunge, 1836.

O. Cymbolaria—Prantl, 1891. (Ranunculus Cymbolaria) Seaside Crowfoot.

Infrequent. Banks of canal, Geddes, and banks of stream flowing into Onondaga Lake, Pleasant Beach, July, 1893.

THALICTRUM—Lin. 1753.

T. Dioicum—Lin. 1753. Early Meadow Rue.

Common. Woods and borders of streams. Marcellus, May, 1897.

T. Coriaceum—Small, 1893. Thick-leaved Meadow Rue.

Occasional. Meadows, etc. Wrongly called "Rue Fern." Field, East Syracuse.

T. Purpurascens—Lin. 1753. Purplish Meadow Rue.


Common. With T. purpurascens similar, but much smaller and later bloomer. Stem very slightly tinted. East Syracuse, Sept. 1899.


BERBERIS—Lin. 1753.

B. Vulgaris—Lin. 1753. Common or European Barberry.

CAULOPHYLLUM—Michx, 1803.

C. THALICTROIDES—Michx, 1803. Blue Cohosh; Pappoose Root.

PODOPHYLLUM.

P. PELTATUM—Lin., 1753. May Apple; Wild Mandrake.

MENISPERMACEÆ—D. C., 1824—Moonreed Fam.

MENISPERMUM—Lin. 1753.

M. CANADENSE—Lin. 1753. Canada Moonseed.
Frequent. Banks of streams. Creek, Onon. Valley.

LAURACEÆ—Lindl., 1836—Laurel Fam.

SASSAFRAS—Neis & Eberm, 1831.

S. SASSAFRAS—Karst, 1880. (Deutsch Flo.) (Sassafras officinale—N. & E., 1831). Sassafras or Ague Tree.
Occasional. Fast being eradicated for its aromatic root. Colvin Grove, James St.

BENZOIN—Fabric, 1763.

Frequent. Damp woods. Indian Reservation, May, 1895.

PAPAVERACEÆ—B. Juss, 1769—Poppy Fam.

SANGUINARIA—Lin. 1753.


GLAUCIUM—Juss, 1789.

G. GLAUCIUM. (Karst, 1880—Deutsch Flora.) (Glaucium luteum). Yellow-horned or Sea Poppy.
Very rare. Only two localities reported. Bank of old reservoir, and roadside Bellevue Avenue, July, 1895.
CHELIDONIUM—Lin., 1753.

Common. Roadsides and near old buildings. Taunton, June, 1895.

BICUCULLA—Adams, 1763. (Diclytra
Borck, 1797, Dicentra—Bernh, 1833)

B. CUCULLARIA — Millsp., 1892. (Dicentra cucullaria —
Torr, 1843). Dutchman’s Breeches; Soldier’s Cap.

B. CANADENSIS—Millsp., 1892. (Dicentra Canadensis —
Walp, 1842). Squirrel Corn.
Same range and habits as B. cucullaria.

B. EXIMIA—Millsp., 1892. (Dicentra eximia—Torr, 1843.)
Wild Bleedingheart.

ADLUMIA—Rof., 1808.

A. FUNGOSA—(Green, 1888. Prel. Cat., N. Y., 3.) (A. cirr-
hosa—Raf., 1808.) Climbing Fumitory.

CAPNOIDES—Adams, 1763. (Corydalis, 1803.)

C. SEMPERVIRENS — Borck, 1797. (Corydalis glancus —
Pursh, 1814). Pink corydalis.
Rare. Only locality reported Howlett woods. L. E. Underwood.

C. AUREUM—Kuntze. (Rev. Gen. Pl. 14—1891.) (Cory-
dalis aurea—Willd, 1809.) Golden Corydalis.
Rare. Moist woods. Clay, May, 1890.

FUMARIA—Lin. 1753.

F. OFFICINALIS—Lin. 1753. Hedge Fumitory.
Rare. Geddes Gorge, 1895.
CRUCIFERAE—Juss, 1759—Mustard Fam.

LEPIDIUM—Lin. 1753.


L. RUDERALE—Lin. 1753. Roadside or Narrow-leaved Pepper Grass.
Not common. Roadside. Townsend St., Syracuse, near canal, 1909.

L. VIRGINICUM—Lin. 1753. Wild Pepper Grass.

THLASPI—Lin. 1753.

T. ARVENSE—Lin. 1753. Field Pennycress.
Rare. Plenty in one waste field, Collin’s farm, Fayetteville, Aug., 1908.

Infrequent. West Shore track, Syracuse, Aug., 1910.

SISIMBRIUM—Lin. 1753.


S. ALTISSIMUM—Lin., 1753. Tall sisymbrium.
Rare. Waste places.

CAKILE—Gaertn, 1791.

Only on salt marsh. Lake shore, Pleasant Beach, 1900.

SINAPIS—Lin., 1753.

Common in waste places. Summer.
BRASSICA—Lin. 1753.


RAPHANUS—Lin. 1753.


BARBAREA—R. Br., 1812.


RORIPA—Scop, 1760.

(*Nasturtim—R. Br., 1812.*)


Onon. Lake, near White City, June, 1906.

CARDAMINE—Lin. 1753.

C. pratensis—Lin. 1753. Cuckoo Flower.
Rare. Wet places. Clay, May, 1889.


Rare. On rocks. Jamesville, May, 1886.

C. flexuosa—With, 1796. Wood Bitter Cress.

C. bellidifolia—Lin. 1753. Alpine Cress.

Rare. Cold, wet places. Clay, May, 1889.

Rare. Wet, springy places. Peppermill Gorge, May.

DENTARIA—Lin. 1753.

D. laciniata—Muhl, 1800. Cut-leaved Toothwort; Pepperwort.

D. diphylla—Michx, 1803. Two-leaved Toothwort.
D. **MAXIMA**—Nutt, 1818. Large Toothwort.
Frequent. Rich woods. Jamesville Road, May, 1900.

D. **HETEROPHYLLA**—Nutt, 1818. Slender Toothwort.
Rare. Green Lake, June, 1891. (*S. Cole*).

**BURSA**—Weber, 1780.

Very common. Waste places and fields. Townsend St., near canal. Summer.

**CAMELINA**—Crantz, 1762.

C. **SATIVA**—Crantz, 1762. False Flax.

**NESLIA**—Derv., 1814.

N. **PANICULATA**—Derv., 1814. Neslia.
Rare. Dump grounds. Colvin Tract, Summer, 1900.

**DRABA**—Lin. 1753.

D. **VERNA**—Lin. 1753. Vernal Whitlow-grass.

D. **INCANATA VAR. ARABISANS**—Michx, 1818. Twisted Willow Grass.
Rare. High rocky places. Otisco.

D. **CAROLINIANA**—Walt. Reported, but have not learned locality nor by whom found.

**SOPHIA**—Adams, 1763.

S. **SOPHIA**—Britton. (*Sisymbrium sophia*—Lin., 1753.) Flix-weed.
STENOPHRAGMA—Celak, 1877.

Rare. Marcellus, 1897.

ARABIS—Lin. 1753.


Rare. Road to Green Lake, May 2, 1891.


Rare. Rocky places. Indian Hill, June, 1891.

A. CANADENSIS—Lin. 1753. Sickle Pod.

Rare. East from Fayetteville, July, 1908.

A. GLABRA—Bernh, 1800. (*Arabis perfoliata*—Lam.)

Tower Mustard.
Not common. Rocky fields. Otisco Hill.

ERYSIMUM—Lin. 1753.

E. CHEIRANTHOIDES—Lin. 1753. Worm Seed, or Treacle Mustard.

ALYSSUM—Lin. 1753.

A. ALYSSOIDEIS—Gonan, 1762. Yellow or Small Alyssum.
Rare. But one locality reported. Townsend St., near canal, Sept., 1908.

KONIGA—Adams, 1763.

Rare. Probably escaped from cultivation. West Shore Track, Sept., 1907.
HESPERIS—Lin. 1753.


CAPPARIDACE/E—Lindl, 1836—Caper Fam.

POLANISIA—Raf., 1819.


SARRACENIACE/E—La Pyl, 1827
Pitcher Plant Fam.

SARRACENIA—Lin. 1753.

S. PURPUREA—Lin. Pitcher Plant; Side Saddle Flower. Frequent in sphagnum swamps. S. purpurea heterophylla considered a distinct species by Eaton, but botanists generally admit it only as a variation of S. purpurea. Cicero swamp, June, 1898. Howlett Swamp, June 1st, 1899.

DROSERACE/E—S. F. Gray, 1821—Sundew Fam.

DROSE—Lin. 1753.


CRASSULACEÆ—D. C., 1808—Orpine Fam.

SEDUM—Lin. 1753.


S. REFLEXUM—Lin. 1753. Reflexed Stone Crop. Rare. Also escaped from gardens.


PENTHORUM—Lin. 1753.


SAXIFRAGACEÆ—Dumont, 1829—Saxifrage Fam.

ASTILBE—Hamill, 1825.


SAXIFRAGA—Lin. 1753.


TIARELLA—Lin. 1753.

MITELLA—Lin. 1753.

M. DIPHYLLA—Lin. 1753. Mitrewort.  
Frequent in rich woods and opens. Jamesville. May.

M. NUDA—Lin. 1753. Naked Mitrewort.  

CHrysosplenium—Lin. 1753.

C. Americanum—Schwein, 1832. Golden Saxifrage.  

Parnassia—Lin. 1753.

P. Caroliniana—Michx, 1804. Grass of Parnasius.  

Grossularia/Æ—Dumont, 1829

Gooseberry Fam.

(Saxifragaceae—Grey, 6th Ed.)

Ribes—Lin. 1753.


R. Setosum—Lindl, 1830. Bristly Gooseberry.  


R. Lacustre—Poir, 1811. Swamp Gooseberry.  

Occasional. Wet woods, river banks, etc. Onon. Creek, near Onon. Valley.


HAMAMELIDACEÆ—Lindl, 1847
Witch Hazel Fam.

HAMAMELIS.


PLATANACEÆ—Lindl, 1836—Plane Tree Fam.

PLATANUS—Lin. 1753.

P. OCCIDENTALIS—Lin. 1753. Buttonwood; Plane Tree; Sycamore. Infrequent except in cultivation. Known by its deciduous bark. Willow St., Syracuse.

ROSACEÆ—R. Juss, 1759—Rose Fam.

SPIREA—Lin. 1753.


RUBUS—Lin. 1753.


DALIBARDA—Lin. 1753.


FRAGARIA—Lin. 1753.


D. INDICA—Focke, 1888. (Fragaria Indica—Andr, 1807) Indian or Yellow Strawberry. Rare. Only locality reported. Grounds, Chas. M. Crouse, June, 1899.

POTENTILIA—Lin., 1753.


P. TRIDENTATA—Soland, 1789. Three-toothed Cinquefoil. Rare. Found in Otisco by S. Cole.


COMARUM—Lin., 1753.


WALDSTEINIA—Willd, 1799.

GEUM—Lin. 1753.


AGRIMONIA—Lin., 1753.


SANGUISORBA—Lin. 1753.

(Poterium—L.)

S. SANGUISORBA. (Sanguisorba—Britton, Torr Club, 1894.) (Poterium sanguisorba—Lin., 1753.) Salad Burnet, or Garden Burnet.
Frequent. Among rocks. Jamesville road, summer, 1908.


ROSA—Lin. 1753.

R. BLANDA—Ait., 1789. Meadow Rose.
Frequent. Among rocks. Fiddler’s Green, July, 1901.

R. CAROLINA—Lin. 1753. Swamp Rose.

R. CAROLINA—White variety. I found on marsh near Solvay, 1885. Locality now destroyed by Solvay refuse.


R. LUCIDA—Ehrh, 1789. Shining Rose.
Infrequent. Known at once by its bright shining leaves.

Infrequent. Low grounds. Phoenix road, July, 1898.


R. CINNAMOMEA—Lin. 1753. Cinnamon or May Rose.

POMACEÆ—Lin. 1753—Apple Fam.

SORBUS—Lin., 1753. (Pyrus, 1827.)

Infrequent. Indian Reservation, June, 1909.
S. SAMBUCIFOLIA—Roem, 1847. (*Pyrus sambucifolia.*)
Western Mountain Ash.
Rare. Moist grounds. Marcellus Falls, 1907.

MALUS—Juss, 1789.


ARONIA—Pers., 1807.


A. NIGRA—Britton. (Torr Club, 1894.) (*Pyrus nigra sargent.*) Black Choke-berry.
Frequent. Swamps. Long Branch, May, 1907.

AMELANCHIER.


Range etc. with A. Canadensis. Jamesville Road.

Varies from former two, in its long petals and broad, round leaves. Similar habitat. Jamesville Road.

CRATAEGUS—Lin., 1753.

C. PUNCTATA — Lin., 1753. *(Crataegus tomentosa var. punctata—A. Gray, 1856.)* Large-fruited Thorn. Frequent. Stony hillsides. South from Fiddler’s Green, June, 1908.


**DRUPACEÆ—D. C. 1805—Plum Fam.**

**PRUNUS—Lin., 1753.**


**CAESALPINACEÆ—Kl. & Garce, 1862—Senna Fam.** *(Leguminoseae—Gray, 6th Ed.)*

**CASSIA—Lin., 1753.**


GLEDITSIA—Lam., 1783.


GYMNOCLAUDUS—Lam., 1783.


PAPILIONACEÆ—Lin. 1764—Pea Fam.

(⇒Leguminoseae—Gray, 6th Ed.)

BAPTISIA—Vent., 1808.


LUPINUS—Lin., 1753.


GENISTA—Lin., 1753.


MEDICAGO—Lin., 1753.


MELILOTUS—Juss, 1789.


TRIFOLIUM—Lin., 1753.

T. PROCUMBENS—Lin. 1753. Low Hop Clover.  

T. DUBIUM—Sibth, 1794. Small Hop. Trefoil.  

Rare. Escaped from cultivation. Salina St., south of Onon. Valley, 1898.


T. PRATENSE—Lin., 1753. Red Clover.  
Common. Fields, meadows and by roadsides.


Frequent. Meadows and roadsides. Court St., 1809.


T. REPENS—Lin. 1753. White or Creeping Clover.  
Frequent. Old orchards. Door-yards. Supposed by some to be the true Shamrock. Syracuse, July, 1909.

ROBINIA—Lin. 1753.

Frequent. Country roadsides. Probably escaped from farm yards.

Rare. Escaped. Calthrop Road, 1889.

ASTRAGALUS—Lin. 1753.

A. CAROLINIANUS—Lin. 1753. (Astragalus Canadensis— 
Rare. Banks of streams. Bank of Creek below Edwards Falls.
PHACA—Lin. 1753.

Rare.  Otisco.  S. Cole.  Banks of streams.

CORONILLA—Lin., 1753.

Rare.  Roadsides and waste places.  Mrs. Kent.

MEIBOMIA—Adams, 1763.

(Desmodium—Desv., 1813).

Frequent.  Dry open woods.  Jamesville.

M. GRANDIFLORA—Kuntze.  (Desmodium accuminatum).
Pointed-leaved Tick Trefoil.

Rare.  Pleasant Beach, July, 1899.


Frequent.  Woods and along streams.  W. Brick-yard, Aug., 1890.
M. PANICULATA—Kuntze. *(Desmodium paniculatum—D. C. 1825).* Panicled Tick Trefoil.
Frequent. Banks of streams, woods and thickets. Round Top. Mrs. H. N. White, Aug., 1895.

M. VIRIDIFLORA—Kuntze. *(Desmodium viridiflorum—Beck, 1833).* Velvet-leaved Tick Trefoil.
Rare. Dry woods and openings. Fabius, Aug., 1894.

Frequent. Dry woods and ravines. Centreville, July, 1889.

M. CANADENSIS—Kuntze. *(Desmodium Canadensis—D. C. 1825.)* Canadian, or Showy Tick Trefoil.
Frequent. Thickets, banks of streams. Bank, Onon. Creek, May, 1900.

M. RIGIDA—Kuntze. *(Desmodium rigidum—D. C., 1825.)* Rigid Tick Trefoil.


M. OBTUSA—Vail. *(Torr Bull, 1892.)* *(Desmodium ciliare—D. C., 1825.)* Hairy, Small-leaved Tick Trefoil.
Occasional. Dry hills and sandy places. North Syracuse, June, 1898.

**LESPEDEZA—Michx, 1803.**


Rare. Dry banks and hillsides. Canton, Aug., 1900.


**Vicia**—Lin., 1753.

V. **cracca**—Lin., 1753. Blue Vetch. Rare. Dry soil. roadside South Salina St., July, 1897.


**Lathyrus**—Lin. 1753.

L. **venosus**—Muhl, 1803. Veiny Pea. Very rare. One locality only reported, and very few specimens. Otisco Hill.


L. **myrtifolius**—Muhl, 1803. (*L. palustris var. myrtifolius—A. Gray, 1856*). Myrtle-leaved Marsh Pea. Same range as L. Palustris, though less frequent.


**Falcata**—Gmel., 1796. (*Amphicarpa—Ell. 1817*)

APIOS—Moench, 1794.


PHASEOLUS—Lin. 1753.

Rare. Waste grounds, thickets, etc.

GERANIACE/E—Lin. 1753—Geranium Fam.

GERANIUM—Lin. 1753.

G. MACULATUM—Lin. 1753. Spotted Cranesbill.

Common in woods and open places, especially around old stumps. Very variable under cultivation. A white variety has been found at Ind. Reservation by a member of Syracuse Botanical Club.


G. PUSILUM—Lin. vgEC. Small-flowered Cranesbill.
Rare. Rocky woods. Geddes Gorge, June, 1895.

OXALIDACE/E— Lindl, 1836—Wood Sorrel Fam.

OXALIS—Lin. 1753.


O. CORNICULATA—Lin. vgEC. Procumbent Yellow Wood Sorrel.
Frequent in old cultivated grounds. Goodrich barnyard. Summer.


**LINACEAE**—Dumort, 1822—Flax Fam.

**LINUM**—Lin. 1753.


**RUTACEÆ**—Juss, 1789—Rue Fam.

**XANTHOXYLUM**—Lin. 1753.


**SIMARUBACEÆ**—D. C., 1811—Ailanthus Fam.

**AILANTHUS**—Desf, 1789.


**POLYGALACEÆ**—Reicheub, 1828—Milkwort Fam.

**POLYGALA**—Lin. 1753.


**EUPHORBIACEÆ**—St. Hil., 1805—Spurge Fam.

**ACALYPHA**—Lin. 1753.


**EUPHORBIA**—Lin., 1753.


E. **LATHYRIS**—Lin. 1753. Myrtle Spurge. Rare. Date and habitat same as former. Probably escaped.


E. **HELIOSCOPIA**—Lin. 1753. Sun Spurge, Wartweed. Common. Old gardens, etc. T. J. Leach’s yard, June 18, 1900.


CALLITRICHACEÆ—Lindl, 1836—Water Starwort Fam.

CALLITRICHE—Lin. 1753.


C. PALUSTRIS—Lin. 1753. Vernal Water Starwort or Water Fennel.

Frequent. Stagnant water or low streams. Apulia pond, 1890.

LIMNANTHACEÆ—Lindl, 1836
False Mermaid Fam.

(Geraniaceae.)

FLOERKEA—Willd, 1881.

F. PROSERPINACOIDES—Willd. False Mermaid.

ANACARDIACEÆ—Lindl, 1830—Sumac Fam.

RHUS—Lin. 1753.


Frequent. Range similar to R. hirta with which it seems to hybridize and is less frequent. Onon. Hill, July, 1909.
Occasional. Swampy places and banks of streams. Leaflet entire; petioles not margined. The most virulent poisonous plant we have. Have seen it in Cicero Swamp and mouth of Seneca River. Avoid it as a volatile poison.

Common. Climbing over rocks, trees, fences and sometimes low and inclined to be bushy. Three leaflets; sometimes serrate and toothed or entire. Very poisonous. Rose Hill Cemetery, Sept., 1899.

ILICACEÆ—Lowe, 1868—Holly Fam.

(Ilicineae)

ILEX—Lin., 1753.


I. MONTICOLA—A. Gray, 1856. Large-leaved Holly.
Rare. High hills, thickets. Otisco, 1889.

Common. Low grounds and marshes. Camillus, May, 1907.

I. LAEVIGATA—A. Gray, 1856. Smooth Winterberry.

ILICOIDES—Dumont, 1802.

(Nemopanthes—Raf. 1819)

PLANTS OF ONONDAGA COUNTY

CELASTRACEÆ—Lindl, 1836—Staff Tree Fam.

EUNONYMUS—Lin., 1753.

Rare. Woods and thickets. Robinson woods, June, 1890.

CELASTRUS—Lin. 1753.

C. SCANDENS—Lin., 1753. Waxwork; Bittersweet.
Common. Climbing over trees, fences, etc. Orville, 1905.

STAPHYLEACEÆ—D. C., 1825—Bladdernut Fam.

STAPHYLEA—Lin. 1753.


ACERACEÆ—St. Hill, 1805—Maple Fam.

ACER—Lin. 1753.

A. SACCHARINUM—Lin., 1753. (Acer dasycarpum—Ehrh, 1780.) Silver, Soft, or White Maple.

A. RUBRUM—Lin. 1753. Red or Swamp Maple.
Frequent. Low, swampy grounds near Onon. Lake, May, 1899.

Common. Rich woods, etc. McKinstry’s woods. May, 1898.

A. PENNSYLVANICUM—Lin. 1753. Striped Maple or Moose-wood.

A. SPICATUM—Lam., 1786. Mountain Maple.
Frequent. Moist woods and swamps. Jamesville, June, 1908.
A. **NEGUNDO**—Lin. 1753. *(Negundo Aceroides—Moench, 1794).* Ash-leaved Maple.
Occasional. Along streams, etc. Round Top, May, 1891.

**BALSAMINACEÆ**—Lindl. 1836—Jewelweed Fam.

**IMPATIENS**—Lin., 1753.


**RHAMNACEÆ**—Dumort, 1827—Buckthorn Fam.

**RHAMNUS**—Lin. 1753.

Rare. Escaped from hedges. Fairmount. *(G. Terry)*. 1892.

R. **ALNIFOLIA**—L. Her. Alder-leaved Buckthorn; Dwarf Alder.

**CEANOTHUS**—Lin. 1753.

C. **AMERICANUS**—Lin. 1753. New Jersey Tea; Red Root.
Frequent. Dry, open woods and roadsides. Jamesville road, June, 1895.

**VITACEÆ**—Lindl, 1836—Grape Fam.

**VITIS**—Lin. 1753.

V. **LABRUSCA**—Lin. 1753. Northern Fox Grape.

V. **AESTIVALIS**—Michx, 1803. Summer Grape.


**Parthenocissus**—Planch, 1887.

(*Ampelopsis.*)

P. **Quinquefolia**—Planch. (*in D. C. Mon., etc., 1877*)


**Tiliaceae**—Juss, 1789—Linden Fam.

**Tilia.**


F. **Europaea**—Lin. 1753. European Linden. Only found under cultivation. Much smaller than the two indigenous species, in every part. Origin name of Linnaeus. State St., Unitarian lot, 1883.

**Malvaceae**—Neck, 1770—Mallow Fam.

**Althaea**—Lin. 1753.

MALVA—Lin. 1753.


ABUTILON—Guertn, 1791.


HIBISCUS.


HYPERICACEÆ—Lindl, 1836—St. Johnswort Fam.

HYPERICUM—Lin., 1753.


SAROTHRA—L., 1753.


TRIADENUM—Raf, 1808.


ELATINACEÆ—Lindl, 1836—Waterwort Fam.

ELATINE.

E. Americana—Arn., 1830. Mud-purslane. Frequent. Margins of ponds, etc. Pleasant Beach, Onon. Lake.
CISTACEAE—Lindl, 1836—Rockrose Fam.

LECHEA—Lin., 1753.


VIOLACEAE—D. C. 1805—Violet Fam.

VIOLA—Lin., 1753.


V. PEDATIFIDA—Don, 1831. Prairie Violet. Rare. Same range and similar to palmata. Might be a variation of former. Long Branch and Brit. Lot, May, 1897.


V. BLANDA—Willd, 1806. Sweet White Violet.
Frequent. Damp places. Kimber Spring lot, 1908.

V. RENIFOLIA—A. Gray, 1870. (V. Blanda var. renifolia—
Frequent. Resembles blanda. Differs in petals being
beardless, brownish-veined. Cleistogenes reflexed.
Jamesville Woods, June, 1895.

V. PRIMULAEOFLA—Lin., 1753. Primrose-leaved Violet.
Infrequent. Varies greatly or hybridizes with blanda.
Range the same. Jamesville, June.

V. PUBESCENS—Ait, 1789. Hairy Yellow Violet.
Common. Woods and openings. Kinney Woods, May,
1906.

V. SCABRIUSCULA—Schwein, 1838. Smoothish Yellow Vio-
et.
Frequent. Smaller and very slightly pubescent.
Jamesville, May, 1906.

V. CANANDENSIS—Lin., 1753. Canada Violet.
Common. Rich woods and cleared lands. Hubbell
Woods. June, 1907.

V. STRIATA—Ait, 1769. Striped Violet.
Frequent. Low, moist grounds. Indian Res., June,
1895.

V. LABRADORICA—Schrank, 1818. (Viola canina var.
   Muhlenbergia—Traut, 1817.) American Dog Violet.
Common. Damp, shady places. Tamerac, June, 1895.

V. ROSTRATA—Pursh, 1814. Long-spurred Violet.
Frequent. Shady grounds. Otisco, July, 1900.

CUBELIUM—Raf.

(SOLEA—Spreng, 1813.)

C. CONCOLOR—Raf. Green Violet.
Rare. Moist woods, etc. Round Top, Oakwood, June.
THYMELEACEÆ—Reicheub, 1828—Mezerum Fam.

DAPHNE—Lin., 1753.

Here in cultivation only. Abundant in fields and road-
sides in Homer. Transplanted in Goodrich garden and
yard of C. M. Crouse. May, 1909.

DIRCA—Lin., 1753.

Frequent. Rich, damp woods and swamps. Tamerac
and Centerville, May, 1896.

ELÆAGNACEÆ—Lindl, 1836—Oleaster Fam.

LEPARGYRAEA—Raf, 1817.

L. CANADENSIS—Greene. (Shepherdia Canadensis—Lin.,
1753.) Canadian Buffalo Berry.
Rare. Along banks of streams. State Ditch, Mud
Lock, May, 1889.

LYTHRACEÆ—Lindl, 1836—Loosestrife Fam.

DECODEN—J. F. Gnel, 1791.

D. VERTICILLATA—Ell, 1821. Swamp Loosestrife or Wil-
low Herb.
Occasional. Swampy banks of lakes. Oneida Lake,
July, 1904.

LYTHRUM—Lin., 1753.

Rare. Marshy grounds. 1st Ward, July, 1896.

L. SALICARIA—Lin., 1753. Spiked or Purple Loosestrife.
Rare. Smith & Powell Farm. Low, wet banks. Good-
rich wild flower garden. Aug., 1903.
MELASTOMACEÆ—R. Br., 1818
Meadow Beauty Fam.

RHEXIA—Lin., 1753.

R. VIRGINICA—Lin., 1753. Meadow Beauty or Deer Grass. Scarce in the one only locality reported. Sandy Swamp, Centerville, Aug., 1880.

ONAGRACEÆ—Dumort—Evening Primrose Fam.

ISNARDIA—Lin., 1753.

I. PALUSTRIS—Lin., 1753. (Ludwigia palustris—Ell, 1817.) Marsh Purslane.

LUDWIGIA—Lin., 1753.

L. POLYCARPA—Short and Peter, 1835. Many-fruited Ludwigia.

Occasional. Swampy grounds. Crouse Farm, July, 1895.

CHAMAENERION—Adams, 1763.

C. ANGUSTIFOLIUM—Scop. (1772, Fl. Carn., Ed. 2.) (Epilobium angustifolium—Lin.) Fire Weed.

EPILOBIUM—Lin., 1753.

Rare. Dump grounds, southern part of city, July, 1909.

Occasional. Grassy ditches, roadside, North Syracuse, summer, 1895.

E. STRICTUM—Muhl, Cat. 39, 1813. Soft Willow Herb.

E. **ADENOCAULON**—Haussk, 1879. (*Epilobium glandulosum*) Northern Willow Herb. Rare. Reported from Tully.

**ONAGRA**—Adams, 1763.


**ONOTHERA**—Lin., 1753.


**KNEIFFIA**—Spach, 1835.


**GAURA**—Lin., 1753.

CIRCAEA.


HALORAGIDACEÆ—Kl. & Garcke, 1852

Water Milfoil Fam.

PROSPERINACA—Lin.


MYRIOPHYLLUM—Lin.


ARALIACEAE—Vent, 1799—Ginseng Fam.

ARALIA—Lin., 1753.

Frequent. Rich openings and woods. LaFayette woods, July, 1908.

A. **NUDICAULIS**—Lin. Wild Sarsaparilla.

Frequent. Rocky and sandy places. Jamesville Road.

**PANAX**—Lin., 1753.

*(ARALIA.)*

P. **QUINQUEFOLIA**—Lin., 1753. Ginseng.


**UMBELLIFERÆ**—B. Juss—Carrot Fam.

**DAUCUS**—Lin., 1753.

D. **CAROTA**—Lin., 1753. Wild Carrot.
Common. Roadsides, etc. A pernicious weed. Everywhere.

**ANGELICA**—Lin.

A. **ATROPURPUREA**—Lin. Purple-stemmed Angelica.

**OXYPOLIS**—Raf., 1825.

*(Tiedemannia—Dc., 1829.)*

Frequent. Swamps. Poisonous to cattle. Swamp west from Price Place, 1896.
PLANTS OF ONONDAGA COUNTY

CONOISELLINUM—Hoffm., 1814.


HERACLEUM—Lin., 1753.

H. LANATUM—Michx, 1803. Cow Parsnip.

PASTINACA—Lin., 1753.


THASPIUM—Nutt, 1818.


T. AURIUM—Nutt, 1818. Meadow Parsnip.
Range same as trifoliatum and varies as much. The extremes of each are difficult to distinguish. Jamesville, Road, 1900.

LIGUSTICUM—Lin., 1753.

L. SCOTICUM—Lin., 1753. Scotch Lovage.
Rare. In Salt Marsh northwest of Iron Pier, Aug., 1909.

SANICULA—Lin., 1753.


PIMPINELLA—Lin., 1753.  
(Zizia.)


EULOPHUS—Nutt, 1829.


WASHINGTONIA—Raf., 1818.  
(Osmorrhiza—Raf., 1818.)


W. LONGISTYLIS—Britton. (Osmorrhiza longistylis—D. C., 1830.) Smoother Sweet Cicily. Frequent with brevistilis. Indian Reservation, July, 1890.

CONIUM—Lin., 1753.


SIUM—Lin., 1753.


S. CARSONI—Durand, 1867. Carson’s Water-parsnip. Rare. Low water or wet places. Leaves vary from narrow, lanceolate, ovate-toothed to submerged broad lanceolate, ovate deeply-toothed or incised. Swamp west from Institution for Feeble Minded. Aug., 1895.
APIUM—Lin., 1753.

A. PETROSELINUM—Lin., 1753. Common Parsley. Occasional. Roadsides, etc. Escaped from gardens where through cultivation leaves are variously formed from smooth to closely-curlied ones. Used for garnishing.


ZIZIA—Koch, 1825.


CARUM—Lin., 1753.


CICUTA.


DERINGA—Adams, 1763.

(CRYPTOTAENIA—D. C., 1829.)


BERULA—Hoffm., 1821.

HYDROCOTYLE—Lin., 1753.

H. **UMBELLATA**—Lin., 1753. Umbellate Marsh Pennywort. Rare. Swamps. Have only seen few specimens, furnished by L. Underwood, from Indian Reservation. Also Hoyt Farm, July, 1895.

H. **AMERICANA**—Lin., 1753. American Marsh Pennywort. Rare. Swamp. Have found H. A. in one locality only, viz: Dr. Hoyt’s farm, east from Green Point. Reported by S. Cole, Otisco. Found on Indian Reservation, Aug., 1895.

CORNACEÆ—Link, 1831—Dogwood Fam.

CORNUS—Lin., 1753.

C. **CANADENSIS**—Lin., 1753. Low Cornel, or Bunch Berry. Very common in all woods and swamps.


NYSSA—Lin., 1753.

Rare. Reported by S. Cole, Otisco. I have not found it.

PYROLACEÆ—Agardh, 1825—Wintergreen Fam.

PYROLA—Lin., 1753.

P. ROTUNDIFOLIA—Lin., 1753. Round-leaved Pyrola, or Wintergreen.


P. ELLIPTICA—Nutt, 1818. Shin Leaf.
Frequent. Rich woods and newly cleared lands. Jamesville Road, June, 1899.

P. ULIGINOSA—Torr, 1843. (Pyrola rotundifolia var. uliginosa—A. Gray, 1856.) Bog Wintergreen.
Occasional. Swamps, etc. Tamerac Swamp, June, 1904.

P. ASARIFOLIA—Michx, 1803. (P. rotundifolia var. asarifolia—Hook, 1834.) Liverleaf Wintergreen.
Rare. Swamps, etc. Swamp, Jamesville Road, June, 1909.

P. SECUNDA—Lin., 1753. Serrated, or One-sided Wintergreen.
Rare. Thickets. Leach Farm, Centerville.

MONESES—Salisb., 1821.

M. UNIFLORA—A. Gray, 1848. One-flowered Wintergreen.
Rare. Dry woods. Round Top, 1898.

CHIMAPHILA—Pursh, 1814.

C. MACULATA—Pursh, 1814. Spotted Wintergreen.

MONOTROPACAÆ—Lindl, 1836—Indian Pipe Fam.

MONOTROPA—Lin., 1753.


HYPOPITYS—Adams, 1763.


ERICACEÆ—D. C., 1805—Heath Fam.

LEDUM—Lin., 1753.


AZALEA—Lin., 1753.

A. NUDIFLORA—Lin., 1753. (Rhododendron nudiflora—Torr., 1824.) Wild Honeysuckle. Pinkster Flower. Occasional. Variable in color, number of stamens, etc.


KALMIA—Lin., 1753.

K. GLAUCA—Ait., 1811. Swamp Laurel. Rare. Cold swamps. The only kalmia found here.

ANDROMEDA—Lin.


CHAMAEDAPHNE—Moench, 1794.


EPIGAEA—Lin., 1753.


GAULTHERIA—L., 1753.


ARCTOSTAPHYLOS—Adams, 1763.


VACCINIACE/E—Lindl, 1847—Huckleberry Fam.

GAYLUSSACIA—H. B. K., 1818.


VACCINIUM—Lin., 1753.


CHIOGENES—Salisb., 1815.


OXYCOCCUS—Hill, 1796.


PRIMULACEÆ—Vent, 1799—Primrose Fam.

HOTTONIA.

H. INFLATA—Ell., 1817. American Feathertail.

**SAMOLUS.**


**LYSIMACHIA**—Lin., 1753.


**STEIRONEMA.**


S. *lanceolatum*—A. Gray, 1876. Lance-leaved Loosestrife. Plentiful in certain moist places. Howlett Swamp, 1898.

S. *quadriflorum*. (*Steironema longifolium*—A. Gray, 1776.) Linear-leaved Loosestrife. Frequent near lakes and streams. Maple Bay, June.

**NAUMBURGIA.**

TRIENTALIS—Lin., 1753.

T. AMERICANA—Pursh, 1814. Star-flower.
   Frequent. Cool woods and thickets. Grove near Cazenovia.

ANAGALLIS—Lin., 1753.

   Also Poor Man’s Weather Glass, closing at approach of rain.
   Uncommon. Driveway of Mrs. A. Morton, Gertrude Street, Syracuse.

OLEACEÆ—Lindl, 1830—Olive Fam.

FRAXINUS—Lin., 1753.


F. LANCEOLATA — Borch, 1800. (Fraxinus viridus — Michx, 1813.) Green Ash.

   Frequent. Low woods. Fairmont, May, 1898.

F. NIGRA—Marsh, 1785. (Fraxinus sambucifolia—Lam., 1786.) Black Ash.

LIGUSTRUM—Lin., 1753.

L. VULGARE—Lin., 1753. Privet, or Prim.

GENTIANACEÆ—Dumort, 1829—Gentian Fam.

ERYTHRAEA—Neck, 1790.

Rare. Roadside and open field near Phoenix, Aug., 1910.

**SABBATIA**—Adams, 1763.

S. **ANGUSTIFOLIA**—Britton. (*S. brachiata*—*Ell, 1817.* )
  Narrow-leaved sabbatia.
  Rare. Phoenix Road, 1892.

S. **ANGULARIS**—Pursh, 1814. Bitter Bloom.
  Rich thickets, South Onondaga, 1889.

S. **CAMPANULATA**—Torr., 1824. (*S. gracilis.*) Slender Marsh Pink.
  Rare. Onon. Salt Marsh, 1893.

**GENTIANA**—Lin., 1753.

G. **CRINITA**—Froel, 1796. Fringed Gentian.

G. **DETONSA**—Rattb., 1776. (*G. serrata*—*Gunner, 1772.*)
  Smaller Fringed Gentain.
  Rare. Wet places. Kimber Spring Lot.

G. **QUINQUEFOLIA**—Lin., 1753. Ague Weed.
  Rare. Oneida Lake shore, Selkirk, Sept., 1910.

G. **SAPONARIA**—Lin., 1753. Soapwort Gentain.
  Rare. Moist woods. Apulia, Sept., 1895.

G. **ANDREWSII**—Griseb., 1834. Closed Gentain.

G. **LINEARIS**—Froel, 1706. Narrow-leaved Gentain.
  I found in Adirondacks near Lake Oswegatchie.

**TETRAGONANTHUS**—S. G. Gmel., 1769.

T. **DEFLEXUS**—Kuntze. (*Halenia deflexa*—Griseb.) Spurred Gentain.
  Rare. Reported by mem. S. B. C. near Cicero Swamp, also Otisco, by S. Cole.

**MENYANTHACE/E**—G. Don, 1837—Buck Bean Fam.

**MENYANTHES**—Lin., 1753.

M. **TRIFOLIATA**—Lin., 1753. Buck Bean.
APOCYNACEÆ—Lindl, 1836—Dogbane Fam.

VINCÆ—Lin., 1753.


APOCYNUM—Lin., 1753.


ASCLEPIADACEÆ—Lindl, 1836—Milkweed Fam.

ASCLEPIAS—Lin., 1753.


A. OBTUSIFOLIA—Michx, 1753. Blunt-leaved Milkweed. Infrequent. Sandy thickets. South Onondaga and Dr. Hoyt's Farm, June, 1885. Mary Leach.

A. SYRIACA—Lin., 1753. \((Asclepias coruni—Dec., 1844.)\)
Common Milkweed, or Silkweed.

A. EXALTATA—Muhl, 1813. \((A. phytolaceoides — Pursh, 1814.)\)
Poke, or Tall Milkweed.

ACERATES—Ell., 1817.

Rare. Sandy or rocky places. Local. Dr. Hoyt's Farm, M. Leach, 1890.

CYNANCHUM—Lin., 1753.

C. NIGRUM—Pers., 1805. \((Vincetoxicum nigrum—Moench, 1794.)\)
Black Swallowwort.
Rare. Said to have escaped but was found on Round Top, 1897, Mrs. H. White; and Baldwinsville, 1900, by Rev. Wm. Beauchamp.

CONVOLVULACEÆ—Vent, 1799—Morning Glory Fam.

IPOMEA—Lin.

I. PURPUREA—Roth, 1787. Morning Glory.

CONVOLVULUS.

C. SEPIUM—Lin., 1753. \((C. sepiu var. Americanus—Sims, 1804.)\)
Hedge Bind-weed.

C. REPENS—Lin., 1753. \((C. sepium var. repens—A. Gray, 1878.)\)
Trailing Bindweed.
Occasional, covering small banks or hillocks. Bellevue Ave., summer, 1910.

Frequent. Dry, rocky, or sandy soil. Manlius, summer, 1909.

CUSCUTACEÆ—Dumort, 1829—Dodder Fam.

CUSCUTA—Lin.


POLEMONIACEÆ—D. C., 1805—Phlox Fam.

PHLOX—L., 1753.


POLEMONIUM—Lin.


**HYDROPHYLLACEÆ—** Lindl, 1836.

**HYDROPHYLLUM**—Lin., 1753.

H. **Virginicum**—Lin., 1753. Virginia Waterleaf.

H. **Macrophyllum**—Nutt, 1834. Large-leaved Waterleaf.

H. **Appendiculatum**—Michx, 1803. Appendaged Waterleaf.
Frequent. Rich woods, etc. Goodrich wild flower garden, June, 1899.

H. **Canadense**—Lin., 1753. Broad-leaved Waterleaf.
Rare. Rich woods, etc. Goodrich wild flower garden.

**PHACELIA**—Juss, 1789.

Very rare. I received P. parviflora from Georgia March 3, 1891. Years later, Oct., 1903, found it abundant, covering the top of flat limestones in woods east from Jamesville. Locality spread over an area of perhaps fifty rods or more, and a much smaller quantity the following spring. The only known locality north of Penn. L. L. G.

**BORAGINACEÆ—** Lindl, 1836—Borage Fam.

**CYNOGLOSSUM**—Lin.

C. **Officinale**—Lin., 1753. Hound’s Tongue.

C. **Virginicum**—Lin., 1753. Wild Comfrey.
Rare. Woods and thickets. Manlius, May, 1907.
LAPPULA—Moench, 1794.


MYOSOTIS—Lin., 1753.


M. ARVENSIS—Lam., 1788. Field Mouse Ear. Infrequent. Fields, etc. Oakwood, June, 1891.


LITHOSPERMUM—Lin., 1753.


ONOSMORDIUM—Michx, 1803.


SYMPHYTUM—Lin., 1753.


BORAGO—Lin.


LYCOPSIS—Lin., 1753.

L. ARVENSIS—Lin. Small Bugloss. Rare. Fields, etc. Only reported in waste ground in City limits, July, 1901.

ECHIUM—Lin.


VERBENACEÆ—J. St. Hill, 1805—Vervain Fam.

VERBENA—Lin., 1753.


LABIATE/S—B. Juss, 1759—Mint Fam.

**AJUGA**—Lin., 1753.


**TEUCRIUM**—Lin.


**TRICHOSTEMA**—Lin.


**SCUTELLARIA**.


Marrubium—Lin., 1753.


Agastache—Clayt., 1752.

(Lophanthus.)


Meehania—Britton.

(Bull. Torr. Club, 1894.)


Nepeta—Lin., 1753.


Glecoma.


Dracocephalum—Lin.

PRUNELLA—Lin., 1753.  
(Brunella.)


PHYSOSTEGIA—Benth., 1834.

P. VIRGINIANA—Benth. False Dragon-head.  

PHLOMIS—Lin., 1753.


GALEOPSIS—Lin., 1753.

Rare. Waste places. Camillus, July, 1898.


LEONURUS—Lin., 1753.


Rare. Waste places. Mr. Worker's Farm, Aug., 1900.

LAMIUM—Lin., 1753.


L. PURPUREUM—Lin. Red Dead Nettle.  
Common. Range same as maculatum. Goodrich garden.

L. MACULATUM—Lin., 1753. Spotted Dead Nettle.  
Frequent. Escaped. Also Goodrich garden, summer, 1910.

BALLOTA—Lin., 1753.


STACHYS—Lin., 1753.


MONARDA—Lin., 1753.


HEDEOMA—Pers., 1807.

MELISSA—Lin., 1753.


CLINOPODIUM—Lin., 1753.

(CALAMINTHA—Moench, 1794.)


HYSSOPUS—Lin., 1753.


ORIGANUM—Lin.


KOELLIA—Moench., 1794.


LYCOPUS—Lin., 1753.

L. **Sessilifolius**—A. Gray, 1870. Sessile-leaved Water Hoarhound.
   Frequent. Wet places. Near Jennings’ Camp, Oneida Lake, Aug., 1895.

L. **Americanus**—Muhl., 1815. *(Lycopus sinuatus—1817.)*
   Cut-leaved Water Hoarhound.

L. **Europaeus**—Lin., 1753. Gipsywort.
   Infrequent. Difficult to draw lines between this and L. sessilifolius. I am inclined to consider them the same, but better authority separates them. Long Branch and Tully, Aug., 1895.

**MENTHA**—Lin., 1753.

M. **Spicata**—Lin., 1753. *(Mentha viridis—Lin., 1763.)*
   Spearmint.


M. **Citrata**—Ehrh., 1792. Bergamot Mint.
   Infrequent. Wet soil. Jamesville Road, summer, 1892. H. White.

M. **Longifolia**—Huds., 1762. Horse Mint.

M. **Alopecuroides**—Hull, 1799. *(Mentha sylvestris var. alopecuroides—Baker.)* Woolly Mint.
   Rare. Onon. Hill, 1908.

M. **Arvensis**—Lin., 1753. Corn Mint. Field Mint.

   Infrequent. Along ditches, etc. Aug., 1910.

M. **Sativa**—Lin., 1753. Marsh Whorled Mint.

**COLINSONIA**—Lin., 1753.


**SOLANACEAE**—Pers, 1805—Potato Fam.

**PHYSALIS**—Lin., 1753.


**SOLANUM**—Lin., 1753.


**LYCIUM**—Lin., 1753.


**HYOSCYAMUS**—Lin., 1753.


**DATURA**—Lin., 1753.


**NICOTIANA—**Lin., 1753.


**SCROPHULARIACEÆ—**Lindl, 1826—Figwort Fam.

**VERBASCUM—**Lin., 1753.


V. **BLATTARIA—**Lin., 1753. Moth Mullen. Frequent. Fields and waste, stony places. Same range as V. thaspus.

**CYMBALARIA—**Medic., 1791.


**LINARIA—**Juss., 1789.


**ANTIRRHINUM—**Lin.

SCROPHULARIA.


CHELONE—Lin., 1753.


PENTSTEMON.


MIMULUS—Lin., 1753.


GRATIOLA—Lin., 1753.

VERONICA—Lin., 1753.


LEPTANDRA—Nutt., 1818.


DASYSTOMA—Raf., 1819.


**DIGITALIS.**


**GERARDIA—Lin., 1753.**


**CASTILLEJA—“Mutis.”**

C. *COCCINEA*—Spreng. Scarlet-painted Cup. Indian Paint Brush. Rare. Sandy soil and meadows. Indian Reservation, May 27, 1897.

**PEDICULARIS—Lin., 1753.**


MELAMPYRUM—Lin.


LENTIBULACEÆ—Lindl, 1847—Bladderwort Fam.

UTRICULARIA.


OROBANCHACEÆ—Lindl, 1836.

THALESIA—Raf., 1818.

(*APHYLLON—A. Gray, 1848.*)


CONOPHOLIS—Wallr., 1825.

LEPTAMNIUM—Raf., 1818.
(EPIPHEGUS—Nutt., 1818.)

L. VIRGINIANUM—Raf., 1878. (Epiphegus Virginiana—Bart, 1818.) Beechdrops.

ACANTHACEÆ—J. St. Hill, 1805—Acanthus Fam.

DIANTHERA—Lin., 1753.

D. AMERICANA—Lin., 1753. Dense Water Willow.
Frequent. Shores of Lakes. South Bay, Oneida Lake, July, 1901.

PHRYMACEÆ—Schauer, 1847—Lopseed Fam.

PHRYMA—Lin., 1753.

P. LEPTOSTACHYA—Lin., 1753. Lopseed.

PLANTAGINACEÆ—Lin., 1753—Plantain Fam.

PLANTAGO—Lin., 1753.

P. MAJOR—Lin., 1753. Common, or Greater Plantain.

P. RUGELII—D. C., 1852. Rugel's Plantain.
Most common species of Plantain we find. Fields, roadsides and waste places. Summer, 1910.


Rare. Biennial. Salt lands, 1890; now covered with Solvay refuse.
PLANTS OF ONONDAGA COUNTY


**RUBIACEÆ**—B. Juss, 1759—Madder Fam.


**CEPHALANTHUS**—Lin., 1753.


**MITCHELLA**—Lin., 1753.


**GALIUM**—Lin., 1753.


G. **Asprellum**—Michx, 1803. Rough Bedstraw. Frequent. Swamps, etc. Eddon Swamp, Centerville, July, 1898.

**CAPRIFOLIACEÆ**, Vent, 1799—Honeysuckle Fam.

**Sambucus**—Lin., 1753.

S. **Canadensis**—Lin., 1753. American, or Sweet Elder. Common. Roadsides, fences, fields, etc. Bank Onon Creek, June, 1910.


**Viburnum**—Lin., 1753.

V. **OPULUS**—Lin., 1753. High Bush Cranberry.
Rare. Origin of Snowball. Low grounds and swamps. Centerville, June, 1889.


V. **PUBESCENTS**—Pursh, 1814. Downy-leaved Arrowwood.

V. **DENTATUM**—Lin., 1753. Arrowwood.

V. **CASSINOIDES**—Lin., 1753. White Rod.

V. **NUDUM**—Lin., 1752. Larger White Rod.
Rare. Swamps. Similarity to cassinoides, striking enough to easily consider them one. Centerville, June, 1909.

V. **LENTAGO**—Lin., 1753. Sweet Viburnum.

**TRIOSTEUM.**


**LINNAEA**—Lin., 1753.


**SYMPHORICARPOS**—Juss, 1789.

S. **RACEMOSUS**—Michx, 1803. Snowberry. Waxberry.
Localized at Green Lake. Jamesville, June, 1907.

S. **OCCIDENTALIS**—Hook, 1833. Wolfberry.
Rare. Rocky ground. Hillside, Peppermill Gorge, June, 1905.

**LONICERA—Lin.**


**DIERVILLA—Mac M., 1892.**


**VALERIANACEA—Batsch, 1802—Valerian Fam.**

**VALERIANA—Lin., 1753.**

V. **SYLVATICA—Banks, 1823.** Wood Valerian. Occasional. Wet soil, etc. Tamerac opens, summer, 1907.
V. **OFFICINALE**—Lin., 1753. Garden Valerian, or All-Heal, etc.
   Frequent. Escaped from gardens. G. wild flower garden, summer.

**VALERIANELLA**—Poll., 1776.

V. **LOCUSTA**—Bettke, 1820. European Corn Salad.
   Rare. Waste places. Often cultivated.

**DIPSACEÆ**—Lindl., 1847—Teasel Fam.

**DIPSACUS**—Lin., 1753.

D. **SYLVESTRIS**—Huds., 1762. Common Wild Teasel
   Hill and Otisco Lake, July, 1901.

D. **FULLONUM**—Lin., 1753. Fuller's Teasel.
   Cultivated for use to raise a nap on cloth in woolen mills.
   Frequently escapes to roadsides and about mills.
   Skaneateles and Marcellus, July, 1908.

**CUCURBITACEÆ**—B. Juss, 1759—Gourd Fam.

**MICRAMPELIS**—Raf., 1808.

* (ECHINOCYSTILIS—T. & G., 1840.)

   Common. Waste places, along streams, etc. Goodrich wild flower garden, summer.

**SICYOS**—Lin., 1753.

S. **ANGULATUS**—Lin. One-seeded Bur-cucumber.
   Frequent. Banks of streams. Goodrich garden.

**CAMPANULACEÆ**—Juss, 1789—Bell-flower Fam.

**CAMPANULA.**

   Frequent. Lime rocks and in meadows. Jamesville, summer, 1899.


LEGOUZIA—Durand, 1782.

(SPECULARIA—Heist., 1830.)


LOBELIA—Lin., 1753.


CICHORIACEÆ—Reichenb, 1831—Chickory Fam.

CICHORIUM—Lin., 1753.

ADOPOGON—Neck., 1790.

(KRIGIA—Schaeb., 1791.)

Rare. South Bay, July, 1885.

LEONTODON—Lin., 1753.


TRAGOPOGON—Lin., 1753.


TARAXICUM—Hall, 1768.


T. ERYTHROSPERMUM—Andrz., 1821. Red-seeded Dandelion. Frequent. Confounded with the former, with which it is found. Habits the same. Summer, 1910.

SONCHUS—Lin., 1753.


**LACTUCA**—Lin., 1753.


**CREPIS**—Lin., 1753.


**HIERACIUM**—Lin., 1753.


NABALUS—Cass, 1825.


**AMBROSIACEÆ—Reichenb., 1828—Ragweed Fam.**

**AMBROSIA.**


**XANTHIUM**—Lin., 1753.


**COMPOSITEÆ—Adams, 1763—Thistle Fam.**

**VERNONIA**—Schreb.


**EUPATORIUM**—Cass, 1816.


**Lacinaria**—Hill, 1762.

*(Liatris—Schreb., 1791.)*

L. **Scariosa**—Hill, 1762. *(Liatris scariosa—Willd, 1804.)* Large Button Snakeroot. Rare. One locality only as yet. Foot of Indian Hill, Reservation, Aug., 1899.

L. **Spicata**—Kuntze. *(Liatris spicata — Willd, 1804.)* Dense Button Snakeroot. Devil's Bit. Rare. Moist soil. Valley Road and Smith & Powell Farm, Aug., 1898, 1907.

**Solidaga**—Lin., 1753.


S. NEMORALIS—Ait., 1789. Gray Goldenrod, or Dyer’s Weed.

S. RIGIDA—Lin., 1753. Stiff Goldenrod.


EUTHAMIA—Nutt., 1818.

E. GRAMINIFOLIA—Nutt., 1818. (*Solidago lanceolata.*) Fragrant Goldenrod.


SERICOCARPUS—Nees, 1833.

S. LINIFOLIUS—B. S. P. Narrow-leaved, White-topped Aster.

Frequent. Dry grounds. Otisco, July, 1895.

ASTER—Lin., 1753.


A. TENEBROSUS—Burgess. Long-leaved Wood Aster.
With divaricatus of which considered a variation. Brittain gives it the specific name tenebrosum. Rays occasionally pink. Elmwood, Sept., 1910.

A. GLOMERATUS—Bernh., 1832. Bernhardi’s Aster.


A. MULTIFORMIS—"Burgess." (Brit.) Various-leaved Aster. Frequent. This and A. violaris, also A. ianthinus, have been looked upon as hybrids. According to Britton, they are given especially specific names.


A. **ACUMINATUS**—Michx, 1803.

A. **PTARMOICOIDES**—T. & G. Upland Aster.

A. **DUMOSUS**—Lin., 1753. Bushy Aster.

A. **SALICIFOLIUS**—Lam., 1783. *(Aster carneus—T. & G., 1841.)* Willow Aster.

A. **PANICULATUS**—Lam., 1783. Tall, Panicled Aster.

A. **TRADESCANTI**—Lin., 1753. Tradescant's Aster.

A. **ERICOIDES**—Lin., 1753. White Heath Aster.

A. **PRINGLEI**—Britton. *(Aster ericoides var. Pringlei—A. Gray, 1884.)* Pringle's Aster.


A. **VIMINEOUS**—Lam., 1783. Small White Aster.

A. **MULTIFLORUS**—Ait., 1789. Dense-flowered Aster.

A. **TENUIFOLIUS**—Lin., 1753. Perennial Salt Marsh Aster.

**ERIGERON**—Lin., 1753.


**LEPTILON**—Raf., 1818.


**DOELLINGERIA**—Nees., 1832.


**IONACTIS**—Greene, 1897.

GIFOLA—Cass, 1819.


PLUCHEA—Cass, 1817.


ANTENNARIA—Gaertn., 1791.


ANAPHALIS—D. C., 1837.


GNAPHALIUM—Lin., 1753.


**INULA**—Lin., 1753.


**POLYMNIA**—Lin., 1753.


**HELIOPSIS.**


**RUDBECKIA**—Jacq., 1763.


**BRAUNERIA**—Neck., 1890.

*(ECHINACEAE—Moench., 1794.)*

HELIANTHUS—Lin., 1753.


VERBESINA—Lin., 1753.


BIDENS—Lin., 1753.

B. LAEVIS—B. S. P. (Prel Cat., N. Y., 1888.) (Bidens Chrysanthemoides—Michx, 1803.) Large Burr Marigold.


HELENIUM—Lin., 1753.


ACHILLEA—Lin., 1753.


ANTHEMIS—Lin.


CHRISANTHEMUM—Lin., 1753.

C. LEUCANTHEMUM — Lin., 1753. Margaret, or Ox-eye Daisy. Very common. Troublesome weed to farmers, though much used for decorations. A form with tubular rays found in Cazenovia, July, 1909, and Onon. Valley same year, and Jamesville last June, given the name "tubuliflorum" by Linney. Name not mentioned by Brit. or Gray. Specimens in my possession seem well worthy a name.


MATRICARIA—Lin., 1753.


TANACETUM.


ARTEMISIA—Lin., 1753.


**TUSSILAGO**—Lin.


**PETASITES**—Gaertn.


**SYNOSMA**—Raf., 1832.

S. **Suaveolins**—Raf., 1832. (*Cacalia suaveolins*—*Lin.*, 1753.) Sweet-scented Indian Plantain. Rare. Roadside, etc. Marcellus Road, Sept., 1908.

**SENECIO**.


**ARCTIUM**—Lin., 1753.


**CARDUUS**—Lin., 1753.


C. **DISCOLOR**—Nutt., 1818. (*Cnicus altissimus var. discolor*—A. Gray, 1883.) Field Thistle. Frequent. Fields, etc. Wild Flower Garden, Sept., 1908.

C. **MUTICUS**—Pers., 1807. (*Cnicus muticus*—*Pursh, 1814.*) Swamp Thistle.
   Common. Swamps and banks of streams. Pleasant Beach, July, 1898.

C. **ARVENSIS** — Robe, 1777. (*Cnicus arvensis*—*Hoffm., 1804.*) Canada Thistle.
AGARICUS.

Ed. A. **ABRuptUS**—Pk.
Ed. A. **CAMPESTRIS**—Linn.
Ed. A. **HEMORRHIOIDARIUS**—Shulzer. Flesh turns red when broken.
Ed. A. **MAGNIFICUS**—Pk.
Ed. A. **PLACOMYCES**—Pk.
Ed. A. **SYLVATICUS**—Schaeff.

AMANITA.

P. A. **ALBA**.
Ed. A. **CANDIDA**—Pk. I shun all amanitas.
P. A. **MUSCARIA**—Lin. Fly amanita.
P. A. **PHALLOIDES**—Fr. Deadly poison.
P. A. **PHALLOIDES** var. *citrina*—Pers. 
P. A. **PHALLOIDES** var. *viridis*—Pers.
P. A. **SPRETA**—Pk..

AMANITOPSIS—Ruze.

Ed.? A. **LIVIDA**—Pers.
Ed.? A. **VAGiNATA**—Ruze. Strongly resembles Aminita Spreta.
Ed.? A. **VOLATA**—Pk. All three Amanitopsis considered edible by some, but cautiously I reject all three.

ANELLARIA—Karst.

Ed. A. **SEPARATA**—Karst.

AMILLARIA—Fr.

Ed. A. **MELLEA**—Vahl. Esculent but acrid.
Ed. A. **MELLEA** var. **OBSCURA**—McIlvaine.
Ed. A. **MELLEA** var. **GLABRA**—McIlvaine.

BOLETINUS—Kalchb.

Ed. B. **PICTUS**—Pk. Excellent.
Ed. B. **POROSUS**—Berk.
BOLETUS.

Ed. B. AMERICANUS—Pk.
Ed. B. CASTANEUS—Bull.
Ed. B. CHRYSENTERON—Fr. Eat caps only.
Ed. B. CRASSIPES—Pk.
Ed. B. EDULIS—Bull.
Ed. B. EDULIS VAR. CLAVIPES—Pk.
Ed. B. FELLEUS—Bull. (Very bitter).
Ed. B. GRACILIS—Pk.
Ed. B. GRANULATUS—L.
Ed. B. PURPUREUS—Fr.
P. B. SATANUS—Lenz. Rare. Poisonous.
Ed. B. SCABER—Fr. Eat caps only.
Ed. B. SPECIOSUS—Frost.
Ed. B. SUBAUREUS—Pk. Superior.
    B. SUBGLABRIPES—Pk.
Ed. B. SUBTOMENTOSUS—L.

CALVATIA.

Ed. C. CRANILIFORMIS—Schw.
Ed. C. CYATHIFORMIS—Basc.

CANTHARELLUS.

Ed. C. BREVIFES—Fr. Cook half hour.
Ed. C. CIBARIUS—Fr. Flavor of apricot.

CLAUDOPUS—Pers.

Ed. C. NIDULANS—Pk. Edible, but not desirable flavor.

CLAVARIA—Lin.

Ed. C. AMETHYSTINA—Bull. Chop fine; stew one hour.
Ed. C. CRISTATA—Pers.
Ed. C. FLAVA—Schaeff. Not poisonous, but rank.
Ed. C. FORMOSA—Pers.
Ed. C. PISTILLARIA—Lin.

CLITOCYBE—Fr.

Ed. C. ADIRONDACKENSIS.
SYRACUSE BOTANICAL CLUB'S COLLECTION

Ed. C. CYATHIFORME—Bull.
P. C. ILLUDENS—Schw.
Ed. C. INFUNDIBULIFORMIS—Schaef.
Ed. C. LACCATA—Scop.
Ed. C. MONADELPHA—Morg.
Ed. C. MULTICEPS—Pk.

CLITOPILIS.

Ed. C. ABORTIVUS, B. & C.
C. TOMENTOSIPES.

COLLYBIA—Fr.

Ed. C. ACERVATA—Fr.
Ed. C. CONFLUENS—Pers.
Ed. C. DRYOPHTLA—Bulll.
Ed. C. PLATYPHILLA—Fr.
Ed. C. RADICATA—Relh.
Ed. C. VELUTIPES—Curt.
Ed. C. ZONATA—Pk.

COPRINUS.

Ed. C. ATRAMENTARIUS—Fr. Excellent.
Ed. C. COMATUS—Fr. Shaggy Mane.
Ed. C. CONGREGATUS—Fr.
Ed. C. FUSCESENS—Fr. Dr. Wynkoop's ground, Aug., 1911. L. L. G.
Ed. C. MICACEUS—Fr.

CONTINARIUS—Fr.

Ed. C. CAERULESCENS—Fr.
Ed. C. CINNABARINUS—Fr. Gills dark red when bruised.
Ed. C. INTRUSUS—Pk.
Ed. C. LILACENUS—Pk. Excellent.
C. MULTIFORMIS.
Ed. C. SANGUINEOUS—Fr.
Ed. C. SANGUINEOUS VAR. SEMISANGUINEOUS — Pk. Flavor of radish.
Ed. C. SULPHUREUS.
CRATERELLUS—Fr.
Ed. C. CANTHARELLUS—Schw.

CREPIDOTUS—Fr.
Ed. C. FULVO-TOMENTOSUS—Pk.

DICTRYOPHORA—Desvaux.

ECCILIA.

E. ATRIDES.

ENTOLOMA.
Ed. E. RHODOPOLIUM—Gr. White Var.
E. RHODOPHOLIUM—Gr. Buff Var.

FAVOLUS.
Not Good. F. CANADENSIS—Pk.

FISTULINA—Bull.
Ed. F. HEPATICA—Fr. Beef Steak Mushroom.
F. PALLIDA—B. & Rav. “Odor of Almonds” Rare.

FLAMMULA—Fr.
Ed. F. HYBRIDA—Fr. Bitter properties eliminated through cooking.

GALERA—Fr.
Ed. G. TENERA—Schaeff.

GEASTER—Mich.
Not Desirable. G. MINIMUS—McIlvaine.
Not Desirable. G. TRIPLEX—McIlvaine.

HEBELOMA—Fr.
Not Good. H. GLUTINOSUM—Lind.
HELVETTA—Lin.
Ed. H. ADHERENS.
Ed. H. ELASTICA—Bull.
Ed. H. GRACILIS—Bull.

HYDNUM.
Ed. H. ALBIDUM—Pk.
Ed. H. CAPUT MEDUSA—Bull.
Ed. H. CAPUT URSI—Fr.
Ed. H. CORALLOIDES—Scop.
Ed. H. REPANDUM—L.
Ed. H. RUFESCENS—Pers.

HYGROPHORUS.
Ed. H. COCCINEUS—(Schaef)—Scarlet Fungi.
Ed. H. CONICUS—Fr. Not very good.
Ed. H. PRATENSIS—Fr. Cooked very slow, will be tender.
Ed. H. MINIATUS—Fr.
Ed. H. NITIDUS—B. & Rav.

HYPHOLOMA—Pk.
Ed. H. APPENDICULATUM—Bull.
H. INCERTUM—Pk.
Ed. H. PERPLEXUM—Pk. Its resemblance to bitter species is to students perplexing.

LACTARIUS—Fr.
Ed. L. CHELIDONIUM.
Ed. L. DELICIOSUS—Fr.
Ed. L. DISTANS—Pk. Not desirable.
Not Good. L. PIPERATUS—Fr. Very peppery.
L. SUBPURPUREUS—Pk.
P. L. TORMINOSUS—Fr.
Not Good. L. TURPIS—Fr.
Ed. L. VOLEMUS—Fr.
LENTINUS—Fr.
Ed. L. LEPIDENS—Fr. Both tough, though nourishing.
Ed. L. TIGRINUS—Fr.

LENTODIUM.
L. SQUAMULOSUM—Morg.

LEOTIA—Hill.
Ed. L. LUBRICA—Pers.

LEPIOTA—Fr.
Ed. L. CRISTATA—A. & S.
Ed. L. FRIESII—Lasch.
Caution. L. NAUCINA—Fr. Resembles Amanita phalloides.
Ed. L. NAUCINOIDES—Pk.
L. MEDIAFLORA.
Ed. L. PROCERA—Scop. “Eat caps only.”
L. SUBROTINCTA.

LYCOPERDON—Tourn.
Ed. L. GIGANTEUM—Batsch. Excellent.
Ed. L. GLABELLUM—Pk. Fine.
Ed. L. PYKIFORME—Schaeff. Fine.

MARASMIUS—Fr.
Ed. M. OREADES—Fr.
M. SICCUS.

MORCHELLA—Dill.
Ed. M. ANGUSTICEPS—Peck.
Ed. M. CONICA—Pers.
Ed. M. DELICIOSA—Fr.
Ed. M. ESCULENTA—Pers.
Ed. M. SEMILIBERA—De.
MUTINUS—Fr.

M. CANINUS—Fr. Pronounced good by McIlvaine, but from general appearance I should reject.

MYCENA—Fr.

Ed. M. HAEMATOPA—Pers.
M. LEUANA.
M. PELIANTHINS.
M. SANGUMOLENTA.

NOLANEA—Fr.

N. EUCHLARA—Karst.

PANEOLUS—Fr.

P. SOLIDIPES—Pk.
P. CAMPANULATUS—Linn. Caution advised.

PANUS—Fr.

Ed. P. BETULINUS—Pk. Rare. On birch.
Ed. P. STRIGOSUS—B. & C. Eat very young.

PAXILLUS—Fr.

Not Good. P. INVOLUTUS—Fr.

PEZIZA—Linn.

Ed. P. AURANTIA—Pers.
Ed. P. BADIA—Pers.
Ed. P. COCCINEA—Jacq.

PHALLUS—Mich.

P. P. IMPUDICUS—Linn. Very offensive.

PHOLIOTO—Fr.

Ed. P. ADIFOSA—Fr. Peel before using.
P. AURIVELLA—Batsch. Rare. Not recommended.
Ed. P. DURA—Bolt.
Ed. P. **PRAECOX**—Pers. Caps only good.
Ed. P. **PRAECOX VAR MINOR**—Pk.
Ed. P. **SQUARROSA**—Muhl.
Ed. P. **SUBQUARROSA**—Fr.
Ed. P. **SYLVESTRIS**—Mull.
   P. **VERMIFLUA**—?—(F. Wheeler.)

**PILOSACE**—Fr.

Small. P. **EXIMIUS**—Pk.

**PLEUROTUS**—Fr.

Ed. P. **EUNOSMUS**—Berk. Fry in egg and crumbs.
Ed. P. **OSTREATUS**—Jacqs.
Ed. P. **SALIGNUS**—Schwa.
Ed. P. **SAPIDUS**—Kalchb.
Ed. P. **ULMARIUS**—Bull. Must be eaten very young.

**PLUTIUS.**

Ed. P. **CERVINUS**—Schaeff.
Ed. P. **CERVINUS VAR. ALBIPES**—Schaeff.
Ed. P. **ADMIRABILIS**—Pk.
Ed. P. **ADMIRABILIS, VAR. FUSCUS**—Pk.
Ed. P. **PELLITUS**—Fr.

**POLYPORUS.**

Not Fleshy. P. **APPLANATUS**—Fr.
Not Fleshy. P. **GILVUS**—Mor.
Not Fleshy. P. **PERENNIS.**
Not Fleshy. P. **POLYPORUS PICIPES**—Fr.
Not Fleshy. P. **Radicatus**—M.
Not Fleshy. P. **SQUAMOSUS**—Fr.
Ed. P. **SULPHUREUS**—Fr. Fine, if cooked a long time.

**PSATHYRELLA**—McIl.

P. **GRACILIS**—Pk.
Ed. P. **GRACILOIDES**—Pk.

**RUSSULA**—Pers.

Ed. R. **AURATA**—Fr. Flavor of cherry bark.
Ed. R. BREVITES—Pk.
Ed. R. CYANOXANTHA—Fr.
Ed. R. ELEGANS—Bre. Young caps fine.
     R. EMETICA—Fr. Not edible, as its name implies.
Ed. R. LEPIDA—Fr. Excellent.
Ed. R. LINNAEI—Fr. Eat caps only.
Acriv. R. RUBRA—Fr. Acrird, yet accepted by McI.
Ed. R. SORDIDA—Pk. Coarse grained.
Ed. R. VIRESCENS—Fr. Fine when fresh.

SCHLERODERMA—Pers.
Ed. S. VULGARE—Fr. Peel, slice and cook well, if young.

STROBILOMICES—Berk.

STROPHARIA—Fr.
     S. DUROIDES—Pk.
Ed. S. SEMIGLOBATA—Batch. Opposed by one author.

THELEPHORA.
     T. WILLEYI; WHITE TELEPHORA—Morris.

VOLVARIA—Fr.
     V. STRIATULA.
CORRECTIONS

Page 25—(Order) Insert Conifereæ.
Page 64—Insert Scilla.
Page 67—Insert Amblistegium.
Page 100—(Order) Insert Fumariaceae.
Page 111—For Duchesma, read Duchesnia.
Page 138—Insert Archangelica.
Page 147—Insert Lysimachia.
Page 173—For Echinocystilis, read Echinocystis.
Page 191—Insert Senicio.
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