8. May

A LIST OF PLANTS

GROWING WITHOUT CULTIVATION IN

MALDEN AND MEDFORD, MASS.

WITH SOME CONTRIBUTIONS TO A

FLORA OF MIDDLESEX COUNTY.

MALDEN, MASS:

THE MIDDLESEX INSTITUTE.

1881.

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PREFACE.

The Middlesex Scientific Field Club published in the Malden Mirror, through the season of 1880, monthly lists of plants found within the limits of Malden and Medford. Originally designed for the use of young botanists, these lists are now given by the Middlesex Institute in a form more convenient for reference. It is not intended to imply that a species is to be found only in the month to which it is here assigned; many continue in bloom much longer, while individual plants can be found by the attentive observer earlier than here given; the intention is to give under each month, the species which then first appear under ordinary conditions. The trees, grasses, and sedges, which were not included in the original plan, are given separately, and in systematic order.

That the catalogue may serve as a check-list in collecting for the herbarium of the Institute, a * has been placed against such species as are now represented there: the absence of the star against any species, denotes that it is among the desiderata, unless otherwise specified.

As is implied in the title of this catalogue, the Institute has in view the publication of a catalogue of the county Flora, and lists have been here added of the vascular cryptogams and the marine algae, which have been found in the county; also what phanerogams are represented in the herbarium. Scantiness of material has prevented the introduction of the Cyperaceae, Musci, Hepaticae, Lichens, Fungi and Fresh Water Algae; but in the final publication it is intended to include all orders of plants.

The catalogue makes no pretence to completeness; additions and corrections will be thankfully received, and alternate pages have been left blank for convenience in recording them.

APRIL.

* <i>Hepatica triloba</i> , Chaix.	Liverwort
<i>Anemone nemorosa</i> , L.	Anemone
* <i>Thalictrum anemonoides</i> , Mx.	Rue anemone
“ <i>dioicum</i> , L.	Early Meadow Rue
<i>Ranunculus abortivus</i> , L.	Small-flowered Crowfoot
“ <i>fascicularis</i> , L.	Early “
* <i>Caltha palustris</i> , L.	Marsh Marigold
* <i>Coptis trifolia</i> , Salisb.	Goldthread
* <i>Aquilegia Canadensis</i> , L.	Columbine
* <i>Sanguinaria Canadensis</i> , L.	Bloodroot
* <i>Viola cucullata</i> , Ait.	Common Blue Violet
“ <i>palmata</i> , Gray.	Palmate “
* “ <i>sagittata</i> , Ait.	Arrow-leaved “
* “ <i>blanda</i> , Willd.	Sweet White “
* “ <i>lanceolata</i> , L.	Lance-leaved “
* “ <i>Canadensis</i> , L.	Canada “
* <i>Arenaria serpyllifolia</i> , L.	Sandwort
<i>Stellaria media</i> , Smith.	Chickweed
* <i>Potentilla Canadensis</i> , L.	Cinquefoil
<i>Amelanchier Canadensis</i> , T. & G.	Shad Bush
<i>Saxifraga Virginicensis</i> , Mx.	Early Saxifrage
* <i>Aralia trifolia</i> , Gray.	Ground-nut
* <i>Capsella Bursa-pastoris</i> , Moench.	Shepherd's Purse
* <i>Houstonia cœrulea</i> , L.	Bluets
* <i>Antennaria plantaginifolia</i> , Hook.	Everlasting
<i>Taraxacum Dens-leonis</i> , Desf.	Dandelion
<i>Cassandra calyculata</i> , Don.	Leather-leaf
<i>Sassafras officinale</i> , Nees.	Sassafras
* <i>Lindera Benzoin</i> , Meisner.	Spice Bush
<i>Symplocarpus fœtidus</i> , Salisb.	Skunk Cabbage
<i>Erythronium Americanum</i> , Smith.	Dog-tooth Violet
* <i>Uvularia sessilifolia</i> , L.	Bellwort
<i>Carex Pennsylvanica</i> , Lam.	Early Sedge

MAY.

<i>Ranunculus bulbosus</i> , L.	Buttercup
* “ <i>acris</i> , L.	“
“ <i>multifidus</i> , Pursh.	Yellow Water Crowfoot
* <i>Actœa spicata</i> , L. var. <i>rubra</i> , Mx.	Red Cohosh
“ “ “ <i>alba</i> , Big.	White “
* <i>Berberis vulgaris</i> , L.	Barberry
* <i>Nuphar advena</i> , Ait.	Yellow Pond Lily
* <i>Sarracenia purpurea</i> , L.	Sidesaddle Plant
* <i>Chelidonium majus</i> , L.	Celandine
* <i>Corydalis glauca</i> , Pursh.	Pale Corydalis
* <i>Nasturtium officinale</i> , R. Br.	Cress

* <i>Cardamine hirsuta</i> , L.	Bitter Cress
“ <i>rhomboidea</i> , D. C.	Spring “
<i>Barbarea vulgaris</i> , R. Br.	Yellow Rocket
<i>Lepidium Virginicum</i> , L.	Peppergrass
<i>Viola primulæfolia</i> , L.	Primrose-leaved Violet
* “ <i>Muhlenbergii</i> , Torr.	Muhlenberg’s “
* “ <i>pedata</i> , L.	Bird’s-foot “
* “ <i>pubescens</i> , Ait.	Yellow “
* <i>Arenaria lateriflora</i> , L.	Side-flowering Sandwort
* <i>Spergularia rubra</i> , Presl.	Red “
* <i>Cerastium viscosum</i> , L.	Mouse-ear Chickweed
* <i>Geranium maculatum</i> , L.	Cranesbill
* “ <i>Robertianum</i> , L.	Herb Robert
* “ <i>Carolinianum</i> , L.	Carolina Cranesbill
* <i>Celastrus scandens</i> , L.	Bittersweet
* <i>Polygala paucifolia</i> , Willd.	Fringed Polygala
* <i>Trifolium pratense</i> , L.	Red Clover
* “ <i>repens</i> , L.	White “
* “ <i>procumbens</i> , L.	Yellow “
* <i>Medicago lupulina</i> , L.	Medick
* <i>Robinia pseudacacia</i> , L.	Locust
<i>Prunus serotina</i> , Ehrh.	Wild Black Cherry
“ <i>Virginiana</i> , L.	Choke “
“ <i>Pennsylvanica</i> , L.	Wild Red “
“ <i>pumila</i> , L.	Dwarf “
* <i>Potentilla argentea</i> , L.	Silvery Cinquefoil
* “ <i>anserina</i> , L.	Marsh “
* “ <i>Canadensis</i> , L. var. <i>simplex</i> T. & Gray. Common	“
<i>Fragaria vesca</i> , L.	Strawberry
“ <i>Virginiana</i> , Ehrh.	“
* <i>Rubus triflorus</i> , Rich.	Dwarf Raspberry
* “ <i>villosus</i> , Ait.	High Blackberry
“ <i>Canadensis</i> , L.	Low “
<i>Crataegus coccinea</i> , L.	Hawthorn
* <i>Pyrus arbutifolia</i> , L.	Chokeberry
<i>Ribes hirtellum</i> , Mx.	Wild Gooseberry
* “ <i>floridum</i> , L.	Wild Black Currant
* <i>Saxifraga Pennsylvanica</i> , L.	Swamp Saxifrage
<i>Chrysosplenium Americanum</i> , Schu.	Golden “
<i>Aralia nudicaulis</i> , L.	Wild Sarsaparilla
<i>Cornus florida</i> , L.	Flowering Dogwood
* <i>Triosteum perfoliatum</i> , L.	Horse Gentian
<i>Houstonia purpurea</i> , L. var. <i>longifolia</i> .	Houstonia
* <i>Erigeron Canadense</i> , L.	Horseweed
“ <i>Philadelphicum</i> , L.	Fleabane
* <i>Leucanthemum vulgare</i> , Lam.	Whiteweed
* <i>Senecio aureus</i> , L.	Golden Ragwort

<i>Senecio vulgaris</i> , L.	Groundsel Ragwort
* <i>Krigia Virginica</i> , Willd.	Dwarf Dandelion
<i>Gaylussacia dumosa</i> , T. & G.	Dwarf Huckleberry
“ <i>resinosa</i> , T. & G.	Black “
<i>Vaccinium corymbosum</i> , L.	Swamp Blueberry
“ <i>vacillans</i> , Solander.	Low “
“ <i>Pennsylvanicum</i> , Lam.	Dwarf “
* “ <i>macrocarpon</i> , Ait.	Cranberry
* <i>Arctostaphylos Uva-ursi</i> , Spreng.	Bearberry
* <i>Andromeda ligustrina</i> , Muhl.	Andromeda
* <i>Leucoethoe racemosa</i> , Gray.	Leucoethoe
* <i>Kalmia augustifolia</i> , L.	Sheep Laurel
* “ <i>latifolia</i> , L.	“
<i>Rhododendron</i> (<i>Azalea</i>) <i>nudiflorum</i> , L.	Purple Azalea
* <i>Rhodora Canadensis</i> , L.	Rhodora
* <i>Plantago lanceolata</i> , L.	English Plantain
* “ <i>major</i> , L.	Common Plantain
* <i>Trientalis Americana</i> , Pursh.	Star Flower
* <i>Aphyllon uniflorum</i> , T. & G.	Broomrape
* <i>Linaria Canadensis</i> , Spreng.	Wild Toad-flax
<i>Veronica arvensis</i> , L.	Corn Speedwell
“ <i>peregrina</i> , L.	Purslane “
* “ <i>Scutellata</i> , L.	Marsh “
* <i>Pedicularis Canadensis</i> , L.	Lousewort
<i>Mentha Canadensis</i> , L.	Wild Mint
* <i>Nepeta Glechoma</i> , Benth.	Ground Ivy
<i>Lamium amplexicaule</i> , L.	Dead Nettle
<i>Myosotis arvensis</i> , Hoffm.	Mouse Ear
“ <i>verna</i> , Nutt.	“ “
* “ <i>laxa</i> , Gray.	Forget-me-not
* <i>Menyanthes trifoliata</i> , L.	Buckbean
* <i>Comandra umbellata</i> , Nutt.	Bastard Toad Flax
<i>Myrica cerifera</i> , L.	Bayberry
* <i>Comptonia asplenifolia</i> , Ait.	Sweet Fern
* <i>Arisæma triphyllum</i> , Torr.	Jack in the box
<i>Calla palustris</i> , L.	Wild Calla
* <i>Callitriche verna</i> , L.	Water Starwort
* <i>Arethusa bulbosa</i> , L.	Arethusa
* <i>Goodyera pubescens</i> , R. Br.	Rattlesnake Plantain
* <i>Cypripedium acaule</i> , Ait.	Lady's Slipper
* <i>Hypoxys erecta</i> , L.	Yellow-eyed Grass
* <i>Iris versicolor</i> , L.	Blue Flag
* “ <i>Virginica</i> , L.	Boston Iris
* <i>Sisyrinchium Bermudiana</i> , L.	Blue-eyed Grass
* <i>Trillium cernuum</i> , L.	Wakerobin
* <i>Medeola Virginica</i> , L.	Indian Cucumber Root
* <i>Uvularia perfoliata</i> , L.	Bellwort

* <i>Smilacina bifolia</i> , Ker.	False Solomon's Seal
* " <i>racemosa</i> , Desf.	Spikenard
<i>Asparagus officinalis</i> , L.	Asparagus
<i>Polygonatum biflorum</i> , Ell.	Small Solomon's Seal
<i>Veratrum viride</i> , Ait.	White Hellebore

JUNE.

* <i>Thalictrum Cornuti</i> , L.	Meadow Rue
* <i>Ranunculus Flammula</i> , L. var. <i>reptans</i> , Gray.	Small Marsh Crowfoot
" <i>sceleratus</i> , L.	Cursed " "
* " <i>repens</i> , L.	Buttercups
<i>Brasenia peltata</i> , Pursh.	Water Shield
<i>Nymphaea odorata</i> , Ait.	Pond Lily
* <i>Arabis lævigata</i> , D. C.	Sickle Pod
<i>Sisymbrium officinale</i> , Scop.	Mustard
* <i>Sinapis nigra</i> , L.	" "
* <i>Raphanus Raphanistrum</i> , L.	Radish
* <i>Alyssum calycinum</i> , L.	Alyssum
* <i>Lechea major</i> , Mx.	Pinweed
* <i>Helianthemum Canadense</i> , Mx.	Rock Rose
* <i>Drosera rotundifolia</i> , L.	Round-leaved Sundew
* " <i>longifolia</i> , L.	Long " "
* <i>Hypericum perforatum</i> , L.	St. John's Wort
* " <i>ellipticum</i> , Hook.	" "
" <i>Canadense</i> , L.	" "
* " <i>Sarothra</i> , Mx.	Pine Weed
<i>Silene inflata</i> , Smith.	Bladder Campion
* " <i>Pennsylvanica</i> , Mx.	Wild Pink
" <i>antirrhina</i> , L.	Sleepy Catchfly
<i>Stellaria longifolia</i> , Muhl.	Stitchwort
* <i>Mollugo verticillata</i> , L.	Carpet Weed
* <i>Scleranthus annuus</i> , L.	Knawel
* <i>Malva rotundifolia</i> , L.	Mallows
* " <i>crispa</i> , Gray.	" "
* " <i>sylvestris</i> , L.	" "
* <i>Impatiens fulva</i> , Nutt.	Touch-me-not
* <i>Oxalis stricta</i> , L.	Wood Sorrel
" <i>violacea</i> , L.	Violet " "
* <i>Rhus typhina</i> , L.	Staghorn Sumach
* " <i>glabra</i> , L.	Smooth " "
* " <i>venenata</i> , D. C.	Poison Dogwood
" <i>Toxicodendron</i> , L.	" " Ivy
<i>Vitis Labrusca</i> , L.	Fox Grape
* " <i>aestivalis</i> , Mx.	Summer " "
<i>Ampelopsis quinquefolia</i> , Mx.	Virginia Creeper
* <i>Ceanothus Americanus</i> , L.	Jersey Tea
* <i>Trifolium agrarium</i> , L.	Yellow Clover
* " <i>medium</i> , L.	" "

* <i>Melilotus alba</i> , Lam.	Melilot
* <i>Baptisia tinctoria</i> , R. Br.	Wild Indigo
* <i>Spiræa salicifolia</i> , L.	Meadowsweet
* " <i>tomentosa</i> , L.	Hardhack
* <i>Agrimonia Eupatoria</i> , L.	Agrimony
* <i>Geum Virginianum</i> , L.	Geum
<i>Rubus strigosus</i> , Mx.	Raspberry
* " <i>occidentalis</i> , L.	Thimbleberry
* " <i>hispidus</i> , L.	Swamp Blackberry
* <i>Rosa lucida</i> , Ehrh.	Dwarf Wild Rose
" <i>rubiginosa</i> , L.	Sweetbriar
" <i>micrantha</i> , Smith.	"
* <i>Proserpinaca palustris</i> , L.	Mermaid Weed
* <i>Epilobium angustifolium</i> , L.	Willow Herb
* <i>Sanicula Marilandica</i> , L.	Black Snakeroot
* <i>Cicuta maculata</i> , L.	Water Hemlock
* <i>Aralia racemosa</i> , L.	Spikenard
* <i>Cornus Canadensis</i> , L.	Bunchberry
" <i>stolonifera</i> , Mx.	Red-osier Dogwood
* " <i>paniculata</i> , L. Her.	Panicked Cornel
" <i>alternifolia</i> , L.	Alternate-leaved "
* <i>Linnaea borealis</i> , Gronov.	Twin-flower
<i>Lonicera sempervirens</i> , Ait.	Honeysuckle
* <i>Diervilla trifida</i> , Moench.	Bush "
* <i>Sambucus Canadensis</i> , L.	Elder
* <i>Viburnum nudum</i> , L.	Withe-rod
" <i>dentatum</i> , L.	Arrow Wood
* " <i>acerifolium</i> , L.	Maple-leaved Viburnum
* <i>Galium asprellum</i> , Mx.	Cleavers
* " <i>triflorum</i> , Mx.	Sweet-scented Bedstraw
" <i>boreale</i> , L.	Northern "
* <i>Mitchella repens</i> , L.	Partridge Berry
* <i>Erigeron bellidifolium</i> , Muhl.	Robin's Plantain
* <i>Rudbeckia hirta</i> , L.	Cone Flower
* <i>Maruta Cotula</i> , D. C.	May Weed
* <i>Achillea millefolium</i> , L.	Yarrow
* <i>Cichorium Intybus</i> , L.	Succory
* <i>Hieracium venosum</i> , L.	Hawkweed
* <i>Specularia perfoliata</i> , D. C.	Venus' Looking-glass
<i>Andromeda polifolia</i> , L.	Andromeda
<i>Gaultheria procumbens</i> , L.	Checkerberry
* <i>Azalea viscosa</i> , L.	Swamp Honeysuckle
* <i>Pyrola rotundifolia</i> , L.	Round-leaved Pyrola
* " <i>elliptica</i> , Nutt.	Shin Leaf
* " <i>chlorantha</i> , Swartz.	Small Pyrola
* " <i>secunda</i> , L.	One-sided "
* <i>Chimaphila umbellata</i> , Nutt.	Princess Pine
* " <i>maculata</i> , Pursh.	Spotted Wintergreen

* <i>Ilex verticillata</i> , Gray.	Black Alder
* <i>Lysimachia thyrsiflora</i> , L.	Loosestrife
* " <i>stricta</i> , Ait.	"
* " <i>quadrifolia</i> , L.	"
* <i>Hottonia inflata</i> , Ell.	Featherfoil
* <i>Verbascum Thapsus</i> , L.	Mullein
" <i>Blattaria</i> , L.	Moth "
* <i>Linaria vulgaris</i> , Miller.	Toad Flax
* <i>Melampyrum Americanum</i> , Mx.	Cow Wheat
* <i>Nepeta Cataria</i> , L.	Catnep
* <i>Brunella vulgaris</i> , L.	Self Heal
* <i>Scutellaria galericulata</i> , L.	Scullcap
* " <i>lateriflora</i> , L.	"
* <i>Leonurus Cardiaca</i> , L.	Motherwort
<i>Convolvulus arvensis</i> , L.	Bindweed
* <i>Solanum Dulcamara</i> , L.	Bittersweet
* <i>Apocynum androsaemifolium</i> , L.	Dogbane
* " <i>cannabium</i> , L.	"
<i>Asclepias phytolaccoides</i> , Pursh.	Poke Milkweed
* " <i>quadrifolia</i> , Jacq.	Four-leaved Milkweed
* <i>Ligustrum vulgare</i> , L.	Privet
<i>Amarantus hybridus</i> , L.	Pigweed
* <i>Rumex Acetosella</i> , L.	Sorrel
* <i>Euphorbia Cyparissias</i> , L.	Cypress Spurge
* <i>Acorus calamus</i> , L.	Sweet Flag
* <i>Pogonia ophioglossoides</i> , Nutt.	Pogonia
* <i>Calopogon pulchellus</i> , R. Br.	Grass Pink
* <i>Smilax rotundifolia</i> , L.	Greenbriar
* " <i>peduncularis</i> , Muhl.	Carrion Flower
* " <i>herbacea</i> , L.	" "
* <i>Pontederia cordata</i> , L.	Pickernel Weed
* <i>Fimbristylis capillaris</i> , Gray.	

JULY.

* <i>Clematis Virginiana</i> , L.	Virgins Bower
* <i>Anemone Virginiana</i> , L.	Tall Anemone
<i>Camelina sativa</i> , Crantz.	False Flax
* <i>Cakile Americana</i> , Nutt.	Sea Rocket
<i>Nasturtium sylvestre</i> , R. Br.	Wood Cress
* <i>Hypericum mutilum</i> , L.	St. John's Wort
* <i>Elodes Virginica</i> , Nutt.	Marsh " " "
<i>Dianthus Armeria</i> , L.	Deptford Pink
<i>Saponaria officinalis</i> , L.	Soapwort
* <i>Linum Virginianum</i> , L.	Wild Flax
<i>Oxalis Cretica</i> ,	Wood Sorrel
* <i>Polygala polygama</i> , Walt.	Milkwort
" <i>verticillata</i> , L.	"
* " <i>cruciata</i> , L.	"
* " <i>sanguinea</i> , L.	"

* <i>Genista tinctoria</i> , L.	Woad	Waxen
* <i>Trifolium arvense</i> , L.	Stone	Clover
<i>Desmodium acuminatum</i> , D. C.	Pointed	<i>Desmodium</i>
* " <i>Canadense</i> , D. C.	Canada	"
* " <i>nudiflorum</i> , D. C.	Naked	"
" <i>Marilandicum</i> , Boot.	Maryland	"
* <i>Vicia sativa</i> , L.		Tares
" <i>Cracca</i> , L.		Tufted Vetch
* <i>Apios tuberosa</i> , Moench.		Ground Nut
* <i>Cassia chamaecrista</i> , L.		Partridge Pea
* <i>Potentilla Norvegica</i> , L.		Cinquefoil
* <i>Penthorum sedoides</i> , L.		Virginia Stonecrop
* <i>Circaea Lutetiana</i> , L.	Enchanter's	Nightshade
* <i>Epilobium palustre</i> , L. var. <i>lineare</i> , Gray.		Willow Herb
* <i>Oenothera pumila</i> , L.	Small Evening	Primrose
* " <i>biennis</i> , L.	"	"
* <i>Ludwigia palustris</i> , Ell.		False Loosestrife
* <i>Rhexia Virginica</i> , L.		Meadow Beauty
* <i>Lythrum hyssopifolia</i> , L.		Loosestrife
* <i>Sicyos angulatus</i> , L.	One-seeded	Cucumber
* <i>Hydrocotyle Americana</i> , L.		Water Pennywort
* <i>Daucus Carota</i> , L.		Wild Carrot
* <i>Pastinaca sativa</i> , L.		" Parsnip
* <i>Sium lineare</i> , Mx.	Water	"
* " <i>latifolium</i> , Mx.	"	"
* <i>Osmorrhiza longistylis</i> , D. C.		Sweet Cicely
* <i>Aralia hispida</i> , Mx.	Bristly	Sarsaparilla
* <i>Cornus sericea</i> , L.		Silky Cornel
* <i>Galium trifidum</i> , L.		Cleavers
* " <i>lanceolatum</i> , Torr.		Wild Liquorice
* " <i>circæans</i> , Mx.	"	"
* <i>Cephalanthus occidentalis</i> , L.		Button Bush
<i>Mikania scandens</i> , L.		Climbing Hempweed
* <i>Sericocarpus conyzoides</i> , Nees.	White-topped	Aster
* <i>Erigeron strigosus</i> , Muhl.		Daisy Fleabane
* <i>Solidago arguta</i> , Ait.		Golden Rod
* " <i>Muhlenbergii</i> , T. & G.	"	"
* " <i>altissima</i> , L.	"	"
* " <i>Canadensis</i> , L.	"	"
* " <i>lanceolata</i> , L.	"	"
* " <i>caesia</i> , L.	"	"
* <i>Helianthus decapetalus</i> , L.	Ten-leaved	Sunflower
" <i>divaricatus</i> , L.		"
* " <i>giganteus</i> , L.		"
* " <i>tuberosus</i> , L.		Artichoke
* <i>Bidens frondosa</i> , L.		Beggar Ticks
" <i>Beckii</i> , Torr.		Water Marigold
* " <i>connata</i> , Muhl.		

* <i>Bidens cernua</i> , L.	
* <i>Tanacetum vulgare</i> , L.	Tansy
* <i>Gnaphalium uliginosum</i> , L.	Cudweed
* <i>Artemisia vulgaris</i> , L.	Wormwood
<i>Cirsium discolor</i> , Spreng.	Thistle
“ <i>lanceolatum</i> , Scop.	“
“ <i>horridulum</i> , Mx.	Yellow “
* “ <i>arvense</i> , Scop.	Canada “
* “ <i>pumilum</i> , Spreng.	Pasture “
* “ <i>muticum</i> , Mx.	“
* <i>Lappa officinalis</i> , Allioni.	Burdock
<i>Nabalus altissimus</i> , Hook.	Tall White Lettuce
* <i>Lactuca Canadensis</i> , L.	Wild “
* <i>Lobelia cardinalis</i> , L.	Cardinal Flower
* “ <i>inflata</i> , L.	Indian Tobacco
* “ <i>spicata</i> , Lam.	“ “
* <i>Campanula aparinoides</i> , Pursh.	Marsh Bellflower
* “ <i>rotundifolia</i> , L.	“
* <i>Clethra alnifolia</i> , L.	Sweet Pepper Bush
* <i>Ledum latifolium</i> , Ait.	Labrador Tea
* <i>Monotropa uniflora</i> , L.	Indian Pipe
* “ <i>Hypopytis</i> , L.	Pine Sap
* <i>Plantago maritima</i> , L.	Marsh Plantain
* <i>Statice Limonium</i> , L.	“ Rosemary
* <i>Lysimachia lanceolata</i> , Walt.	Lanceolate Loosestrife
“ <i>ciliata</i> , L.	Ciliate “
* <i>Utricularia vulgaris</i> , L.	Bladderwort
* <i>Epiphegus Virginiana</i> , Bart.	Beech Drops
* <i>Mimulus ringens</i> , L.	Monkey Flower
* <i>Gratiola aurea</i> , Muhl.	Hedge Hyssop
* <i>Ilysanthes gratioides</i> , Benth.	False Pimpernel
* <i>Verbena hastata</i> , L.	Blue Vervain
* “ <i>urticifolia</i> , L.	White “
* <i>Phryma Leptostachya</i> , L.	Lopseed
* <i>Trichostema dichotomum</i> , L.	Blue Curls
* <i>Lycopus Europæus</i> , L.	Water Horehound
* “ <i>Virginicus</i> , L.	“ “
* <i>Echinosperrum Lappula</i> , Lehm.	Stickseed
* <i>Cynoglossum officinale</i> , L.	Hound's Tongue
<i>Echium vulgare</i> , L.	Viper's Bugloss
* <i>Calystegia sepium</i> , R. Br.	Bindweed
* <i>Cuscuta Gronovii</i> , Willd.	Dodder
* <i>Datura Stramonium</i> , L.	Thorn Apple
<i>Asclepias Cornuti</i> , Decaisne.	Milkweed
* “ <i>incarnata</i> , L.	“
* <i>Phytolacca decandra</i> , L.	Pokeweed
* <i>Chenopodium album</i> , L.	Pigweed
“ <i>Botrys</i> , L.	“

Salicornia herbacea, L.	Samphire
*Polygonum Carey. Olney.	Polygonum
“ hydropiperoides, Mx.	Mild Water Pepper
Fagopyrum esculentum, Moench.	Buckwheat
Rumex crispus, L.	Dock
*Urtica gracilis, Ait.	Nettle
*Boehmeria cylindrica, Willd.	False “
*Peltandra Virginica, Raf.	Arrow Arum
Lemna trisulca, L.	Duckweed
“ polyrhiza, L.	“
* “ minor, L.	“
Typha latifolia, L.	Cat Tail
Sparganium simplex, Huds.	Burr Reed
“ “ var. Nuttallii, Gray.	
“ “ “ androcladum, Gray.	
Naias Indica, var. gracillima, Braun.	Naiad
Zannichellia palustris, L.	Horned Pondweed
Zostera marina, L.	Eel Grass
Ruppia maritima, L.	Ditch “
*Triglochin maritimum, L.	Arrow “
*Potamogeton natans, L.	Pondweed
• “ Oakesianus, Robbins.	
“ Claytonii, Tuck.	
“ Spirillus, Tuck.	
“ amplifolius, Tuck.	
“ hybridus, Mx.	
“ perfoliatus, L.	
“ pauciflorus, Pursh.	
“ pusillus, L.	
“ Robbinsii, Oakes.	
* “ pectinatus, L.	
*Alisma Plantago, L.	Water Plantain
Echinodorus parvulus, Engel.	Echinodorus
*Sagittaria variabilis, Engel.	Arrowhead
*Anacharis Canadensis, Planchon.	Waterweed
*Vallisneria spiralis, L.	Tape Grass
*Habenaria lacera, R. Br.	Ragged Orchis
* “ psycodes, Gray.	Small Purple “
* “ fimbriata, R. Br.	Great “ “
* “ tridentata, Hook.	Dwarf “
* “ virescens, Spreng.	Greenish “
*Goodyera repens, R. Br.	Rattlesnake Plantain
*Lilium Philadelphicum, L.	Red Lily
* “ Canadense, L.	Yellow “
*Eriocaulon septangulare, With.	Pipewort

AUGUST.

Lechea tenuifolia, Raf.	Pin Weed
“ intermedia, Raf.	“ “

<i>Spergula arvensis</i> , L.	Spurrey
* <i>Anychia dichotoma</i> , Mx.	Nailwort
* <i>Portulacca oleracea</i> , L.	Purselane
* <i>Desmodium rotundifolium</i> , D. C.	Round-Leaved Desmodium
* " <i>paniculatum</i> , D. C.	Paniculate "
* <i>Lespedeza violacea</i> , Pers.	
* " <i>procumbens</i> , Mx.	
* " <i>capitata</i> , Mx.	Bush Clover
* " <i>hirta</i> , Ell.	
* <i>Amphicarpœa monoica</i> , Nutt.	Pea Vine
* <i>Geum album</i> , Gmelin.	White Geum
* <i>Parnassia Caroliniana</i> , Mx.	Grass of Parnassus
* <i>Epilobium coloratum</i> , Muhl.	Willow Herb
<i>Sium angustifolium</i> , L.	Water Parsnip
<i>Galium trifidum</i> , L.	Cleavers
* <i>Liatris scariosa</i> , Willd.	Blazing Star
* <i>Erigeron annuum</i> , Pers.	Fleabane
* <i>Diplopappus linariifolius</i> , Hook.	
* " <i>umbellatus</i> , T. & G.	
* <i>Aster corymbosus</i> , Ait.	Aster
* " <i>macrophyllus</i> , L.	"
* " <i>Radula</i> , Ait.	"
* " <i>patens</i> , Ait.	"
* " <i>laevis</i> , L.	"
* " <i>undulatus</i> , L.	"
* " <i>cordifolius</i> , L.	"
* " <i>multiflorus</i> , Ait.	"
* " <i>dumosus</i> , L.	"
* " <i>Tradescanti</i> , L.	"
* " <i>miser</i> , Ait.	"
* " <i>simplex</i> , Willd.	"
* " <i>longifolius</i> , Lam.	"
* " <i>puniceus</i> , L.	"
* " <i>Novae Angliae</i> , L.	"
* " <i>acuminatus</i> , Mx.	"
* " <i>nemoralis</i> , Ait.	"
* " <i>linifolius</i> , L.	"
* <i>Solidago bicolor</i> , L.	Golden Rod
* " <i>latifolia</i> , L.	" "
* " <i>puberula</i> , Nutt.	" "
* " <i>sempervirens</i> , L.	" "
* " <i>neglecta</i> , T. & G.	" "
* " <i>odora</i> , Ait.	" "
* " <i>nemoralis</i> , Ait.	" "
* " <i>serotina</i> , Ait.	" "
* " <i>gigantea</i> , Ait.	" "
* <i>Eupatorium purpureum</i> , L.	
* " <i>teucriifolium</i> , Willd.

*Eupatorium pubescens, Muhl.		
* " sessilifolium, L.		
* " perfoliatum, L.		Boneset
* " aromaticum, L.		
*Pluchea camphorata, D. C.		
*Iva frutescens, L.	High Water Shrub	
*Ambrosia artemisiæfolia, L.	Roman Wormwood	
*Coreopsis trichosperma, Mx.	Tickseed	
* " rosea, Nutt.		"
Gnaphalium polycephalum, Mx.	Cudweed	
" purpureum, L.		"
*Antennaria margaritacea, R. Br.	Everlasting	
*Centaurea nigra, L.	Knapweed	
*Leontodon autumnale, L.	Autumnal Hawkweed	
*Hieracium Canadense, Mx.		"
* " scabrum, Mx.	Rough	"
* " Gronovii, L.		"
*Nabalus albus, Hook.	Wild Lettuce	
Mulgedium leucophaeum, D. C.	Blue	"
Sonchus oleraceus, L.	Sow Thistle	
*Utricularia gibba, L.	Bladderwort	
* " purpurea, Walt.	Purple	"
*Chelone glabra, L.	Snakehead	
*Gerardia purpurea, L.	Purple False Foxglove	
* " maritima, Raf.	Marsh	"
* " tenuifolia, Vahl.	Slender	"
* " flava, L.	Yellow	"
Pycnanthemum muticum, Pers.	Wild Basil	
" lanceolatum, Pursh.	"	"
*Gentiana crinita, Froel.	Fringed Gentian	
*Bartonia tenella, Muhl.	Bartonia	
*Limnanthemum lacunosum, Griseb.	Floating Heart	
*Asclepias verticillata, L.	Whorled Milkweed	
*Blitum maritimum, Nutt.	Blite	
*Atriplex patula, L.		
*Sueda maritima, Dumortier.	Glasswort	
*Salsola Kali, L.	Saltwort	
*Amarantus retroflexus, L.	Amaranth	
*Acnida cannabina, L.	Water Hemp	
*Polygonum arifolium, L.	Tear Thumb	
* " acre, H. B. K.		
* " aviculare, L.	Bird's Knot Grass	
* " dumetorum, L.	Hedge Bindweed	
" Persicaria, L.		
" tenue, Mx.		
*Euphorbia maculata, L.	Spotted Spurge	
*Acalypha Virginica, L.	Three-seeded Mercury	
*Spiranthes cernua, Richard.	Ladies' Tresses	
* " gracilis, Big.	Slender	"

- **Corallorhiza multiflora*, Nutt. Coral Root
 **Xyris flexuosa*, Muhl. Yellow-eyed Grass

SEPTEMBER.

- Hypericum mutilum*, L. Dwarf St. John's Wort
Cicuta bulbifera, L. Water Hemlock
Inula Helenium, L. Elecampane
Bidens chrysanthemoides, Mx. Burr Marigold
Erethites hieracifolia, Raf. Fireweed
 **Gerardia pedicularia*, L. Yellow Foxglove
Pycnanthemum incanum, Mx. Wild Basil
 **Hedeoma pulegioides*, Pers. American Pennyroyal
 **Galeopsis Tetrahit*, L. Hemp Nettle
 **Polygonum articulatum*, L.
 * " *Hydropiper*, L. Water Pepper
 * " *Pennsylvanicum*, L.
 * " *sagittatum*, L. Scratch Grass
 **Pilea pumila*, Gray. Richweed
 **Gentiana Andrewsii*, Griseb. Closed Gentian
 **Hamamelis Virginica*, L. Witch Hazel
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TREES.

- Rhamnus catharticus*, L. Buckthorn
Acer rubrum, L. Red Maple
 " *saccharinum*, Wang. Sugar "
Fraxinus Americana, L. White Ash
 " *pubescens*, Lam. Red "
 " *sambucifolia*, Lam. Black "
Ulmus Americana, L. Elm
Platanus occidentalis, L. Buttonwood
Carya alba, Nutt. Shagbark
 " *tomentosa*, Nutt. Mockernut
 " *porcina*, Nutt. Pignut
 " *amara*, Nutt. Swamp Hickory
Quercus alba, L. White Oak
 " *bicolor*, Willd. Swamp " "
 " *prinus*, L. Chestnut "
 " *humilis*, Dwarf "
 " *ilicifolia*, Wang. Scrub "
 " *coccinea*, Wang. Scarlet "
 " " var. *tinctoria*. " "
 " *rubra*, L. Red "

<i>Castanea vesca</i> , L. var. Americans.	Chestnut
<i>Fagus ferruginea</i> , Ait.	American Beech
<i>Corylus Americiana</i> , Walt.	Hazelnut
" <i>rostrata</i> , Ait.	Beaked "
<i>Ostrya Vigiunica</i> , Willd.	Hop Hornbean
<i>Carpinus Americina</i> , Mx.	Blue Beach
<i>Betula lenta</i> , L.	Black Birch
" <i>lutea</i> , Mx.	Yellow "
" <i>alba</i> , Sp. var. <i>populifolia</i> .	White "
" <i>papyracea</i> , Ait.	Paper "
* <i>Alnus incana</i> , Willd.	Alder
" <i>serrulata</i> , Ait.	"
<i>Salix tristis</i> , Ait.	Dwarf Gray Willow
" <i>discolor</i> , Muhl.	Glaucous "
" <i>sericea</i> , Marsh.	Silky "
" <i>petiolaris</i> , Smith.	"
" <i>cordata</i> , Muhl.	"
" <i>livida</i> , Wahl. var. <i>occidentalis</i> .	"
" <i>lucida</i> , Muhl.	Shining "
<i>Populus tremuloides</i> , Mx.	American Aspen
" <i>grandidentata</i> , Mx.	"
<i>Pinus rigida</i> , Miller.	Pitch Pine
" <i>resinosa</i> , Ait.	Red "
* " <i>Strobus</i> , L.	White "
<i>Abies Canadensis</i> , Mx.	Hemlock
<i>Larix Americana</i> , Mx.	American Larch
<i>Juniperus communis</i> , L.	Juniper
" <i>Virginiana</i> , L.	Red Cedar

JUNCACEAE.

<i>Juncus bufonius</i> , L.
" <i>effusus</i> , L.
" <i>Balticus</i> , Dethard.
" <i>marginatus</i> , Rostk.
" <i>Gerardi</i> , Loisel.
" <i>articulatus</i> , L.
" <i>Greenii</i> , O. & T.
" <i>acuminatus</i> , Mx.
" <i>scirpoipes</i> , Lam.
" <i>Canabensis</i> , Gray. var. <i>longicaudatus</i> .

GRAMINEAE.

* <i>Leersia oryzoides</i> , Swartz.
* <i>Alopecurus pratensis</i> , L.
* " <i>geniculatus</i> , L.
* " <i>aristulatus</i> , Mx.
* <i>Phleum pratense</i> , L.
* <i>Sporobolus serotinus</i> , Gray.

Agrostis alba, L.

“ *perennans*, Tuckerm.

“ *scabra*, Willd.

“ *vulgaris*, With.

* *Muhlenbergia sylvatica*, T. & G.

* *Calamagrostis Canadensis*, Beauv.

* “ *Nuttalliana*, Stend.

* *Stipa avenacea*, L.

* *Dactylis glomerata*, L.

Glyceria Canadensis, Trin.

* “ *elongata*, Trin.

“ *nervata*, Trin.

* “ *fluitans*, R. Br.

* “ *acutiflora*, Torr.

* “ *maritima*, Wahl.

“ *distans*, Wahl.

Poa annua, L.

“ *compressa*, L.

* “ *serotina*, Ehrh.

“ *pratensis*, L.

“ *trivialis*, L.

“ *alsodes*, Gray.

* *Eragrostis pectinacea*, Gr.

* *Festuca ovina*, L. var. *duriuscula*, Gray.

* “ *elatio*r, L.

“ *nutans*, Willd.

Bromus racemosus, L.

* “ *ciliatus*, L.

“ *tectorum*, L.

* *Triticum repens*, L.

“ “ var. *nemoralis*.

* *Gymnostichum Hystrix*, Schreb.

* *Danthonia spicata*, Beauv.

* *Holcus lanatus*, L.

* *Hierochloa borealis*, Roem. & Schul.

* *Anthoxanthum odoratum*, L.

* *Paspalum setaceum*, Mx.

* *Panicum Crus-galli*, L.

“ *capillare*, L.

* “ *agrostoides*, L.

“ *depauperatum*, Muhl.

* “ *glabrum*, Gaudin.

* “ *latifolium*, L.

“ *dichotomum*, L.

* “ *proliferum*, L.

* *Setaria viridis*, Beauv.

* *Andropogon furcatus*, Muhl.

* “ *scoparius*, Mx.

* *Sorghum nutans*, Gray.

EQUISETACEAE.

- **Equisetum arvense*, L.
 " *sylvaticum*, L.
 " *hyemale*, L.
-

The following species are represented in the herbarium by specimens from other parts of the county.

- Nasturtium Armoracia*, Fries.
Barbarea praecox, R. Br.
Thlaspi arvense, L.
Lepidium campestre, L.
Hibiscus Moscheutos, L.
Lupinus perennis, L.
Geum rivale, L.
Potentilla palustris, Scop.
Rubus odoratus, L.
Sedum Telephium, L.
Nesaea verticillata, H. B. K.
Vernonia noveboracensis, Willd.
Aster amethystinus, Nutt.
Lobelia Dortmanna, L.
Veronica serpyllifolia, L.
 " *peregrina*, L.
Verbena bracteosa, Mx.
Utricularia inflata, Walt.
 " *intermedia*, Hayne.
 " *cornuta*, Mx.
Mentha piperita, L.
Physostegia Virginiana, Benth.
Echium vulgare, L.
Lithospermum arvense, L.
Myosotis palustris, With.
Castilleja coccinea, Spreng.
Vincetoxicum nigrum, Moench.
Oxybaphus nyctagineus, Sweet. var. *pilosus*.
Habenaria hyperborea, R. Br.
 " *orbiculata*, Torr.
Pogonia verticillata, Nutt.
Clintonia borealis, Raf.
-

The remaining lists are intended to include all the species of the county, as far as known. All but *Lycopodium dendroideum*, L. var. *obscurum*, and the *Characeae*, are represented in the herbarium.

FILICES.

- Polypodium vulgare*, L.
Pteris aquilina, L.
Adiantum pedatum, L.
Woodwardia Virginica, Smith.
Asplenium ebeneum, Ait.
 " *Trichomanes*, L.
 " *thelypteroides*, Mx.
 " *Filix-foemina*, Bernh.
Phegopteris polypodioides, Fee.
 " *hexagonoptera*, Fee.
 " *Dryopteris*, Fee.
Aspidium achrostichoides, Swartz.
 " *Thelypteris*, "
 " *Noveboracense*, "
 " *spinulosum*, "
 " " *var. dilatatum*, Hornemann.
 " " *intermedium*, Eaton.
 " *Bootii*, Tuckerman.
 " *cristatum*, Swartz.
 " " *var. Clintonianum*, Eaton.
 " *marginale*, Swartz.
Onoclea sensibilis, L.
 " *Struthiopteris*, Hoffm.
Cystopteris fragilis, Bernh.
Woodsia ilvensis, R. Br.
 " *obtusa*, Torrey.
Dicksonia pilosiuscula, Willd.
Lygodium palmatum, Swartz.
Osmunda regalis, L.
 " *Claytoniana*, L.
 " *cinnamomea*, L.
Botrychium lanceolatum, Angstrom.
 " *matricariaefolium*, A. Br.
 " *ternatum*, Swartz.
 " " *var. obliquum*, Milde.
 " " *dissectum*, "
 " *Virginianum*, Swartz.
Ophioglossum vulgatum, L.

LYCOPODIACEAE.

- Lycopodium lucidulum*, L.
 " *inundatum*, L.
 " " *var. Bigelovii*.
 " *dendroideum*, Mx.
 " " *L. var. obscurum*.
 " *clavatum*, L.
 " *complanatum*, L.

Lycopodium complanatum, var. *sabinaefolium*.
Selaginella rupestris, Spring.
Isoetes echinospora, Durieu. var. *Braunii*.
Marsilia quadrifolia, L.

CHARACEAE.

Nitella flexilis, Ag.
 " *intricata*, Ag.
 " *gracilis*, Sm.
Chara coronata, Ziz.

MARINE ALGAE.

Polysiphonia nigrescens, Grev.
Gracilaria multipartita, Ag. var. *angustissima*.
Chondrus crispus, Lyngb.
Gelidium corneum, Lmx.
Ceramium rubrum, Ag.
 " *strictum*, Harv.
Hildenbrandtia rosea, Kutz.
Fucus vesiculosus, L.
 " *nodosus*, L.
Leathesia tuberiformis, Gray.
Ralfsia clavata, Crouan.
 " *verrucosa*, Aresch.
Ectocarpus firmus, Ag.
 " *viridis*, Harv.
Phyllitis fascia, Kutz.
Scytosiphon lomentarius, Ag.
Bryopsis plumosa, Lmx.
Vaucheria piloboloides, Thuret.
 " sp.?
Ulva latissima, L.
Monostroma Grevillei, LeJolis.
Enteromorpha intestinalis, Link.
 " *compressa*, Grev.
 " *clathrata*, Grev.
 " var. *prostrata*.
Cladophora fracta, Fl. Dan.
 " *flexuosa*, Griff.
 " *laetevirens*, Dillw.
 " *expansa*, Kutz.
Chaetomorpha tortuosa, Dillw.
Rhizoclonium riparium, Harv.
Lyngbya ferruginea, Ag.
Spirulina tenuissima, Kutz.
Microcoleus chthonoplastes, Th.
Sphaerozyga Carmichaelii, Harv.
Beggiatoa sp.?