

THE GREAT WOODS OF LYNN



AND

OTHER
PUBLIC
DARKS
OF
THE CITY

IN
1905

BEING THE
SEVENTEENTH
ANNUAL
REPORT

OF
LYNN PARK COMMISSIONERS

THE BIRDS.

BY GEORGE M. BUBIER.

Lynn Woods, with its ponds—its wooded slopes and dells—and Oceanside bordering on the bay with its sandy beach present a variety of conditions very alluring to many species of birds.

The most interesting time to study our feathered companions in our woods is during the spring migration which is at its height about the middle of May. The birds are then in their best plumage and many in full song. At this time it is not unusual to count fifty or more different species in a single day.

The shore birds may be studied to better advantage during the fall migration. Some of these are seen infrequently during limited periods in the spring. They pass south in the fall migration in large numbers and move leisurely, being more numerously represented along the beach during the months of August and September.

The presence of birds in any neighborhood is, of course, governed by natural local conditions. Shore birds who travel in flocks oftentimes are driven by storms to the beach and marshes in very large numbers. Woods birds may be attracted in unusual numbers by an abundance of their favorite food.

The following list includes species of birds that have been observed in our public reservations and their vicinity during the years 1904 and 1905.

Quail were practically exterminated in this region by the inclement winters of 1903 and 1904, but the Lynn Fish and Game Protective Association is planning to liberate a number of these birds in the vicinity of Lynn. If some could be suitably placed in Lynn Woods, fed and cared for by the Park officers

and protected from gunners, they would stand a fair chance of survival and increase.

Many of the species given in the Woods list have been seen also in the shore sections but the list of those observed at Ocean-side does not include them. The species mentioned in the list following are nearly all common to this section either as perennial or transitory residents except the King Rail which is an accidental visitor from the south, seldom straying further north than Connecticut.

The following list is arranged according to that of the Check-list of the American Ornithologist's Union whose nomenclature is corrected up to July, 1904.

Our Wild Birds.

- Podilymbus podiceps.* Pied-billed Grebe.
- Anas obscura.* Black Duck.
- Querquedula discors.* Blue-winged Teal.
- Aix sponsa.* Wood Duck.
- Aythya affinis.* Lesser Scaup Duck.
- Branta canadensis.* Canada Goose.
- Botaurus lentiginosus.* American Bittern.
- Ardea herodias.* Great Blue Heron.
- Butorides virescens.* Green Heron.
- Nycticorax nycticora naevius.* Black-crowned Night Heron.
- Rallus elegans.* King Rail.
- Fulica americana.* American Coot.
- Philohela minor.* American Woodcock.
- Actodromas minutilla.* Least Sandpiper.
- Totanus flavipes.* Yellow-legs.
- Helodromas solitarius.* Solitary Sandpiper.
- Actitis macularia.* Spotted Sandpiper.
- Colinus virginianus.* Bob-white.
- Bonasa umbellus.* Ruffed Grouse.
- Circus hudsonius.* Marsh Hawk.
- Accipiter velox.* Sharp-shinned Hawk.
- Accipiter atricapillus.* American Goshawk.
- Buteo lineatus.* Red-shouldered Hawk.
- Buteo platypterus.* Broad-winged Hawk.
- Falco columbarius.* Pigeon Hawk.
- Pandion haliaetus carolinensis.* American Osprey.
- Megascops asio.* Screech Owl.
- Coccyzus americanus.* Yellow-billed Cuckoo.

Coccyzus erythrophthalmus. Black-billed Cuckoo.
Ceryle alcyon. Belted Kingfisher.
Dryobates villosus. Hairy Woodpecker.
Dryobates pubescens medianus. Downy Woodpecker.
Sphyrapicus varius. Yellow-bellied Sap-sucker.
Colaptes auratus leteus. Flicker.
Antrostomus vociferus. Whip-poor-will.
Chordeiles virginianus. Night-hawk.
Chaetura pelasgica. Chimney Swift.
Trochilus colubris. Ruby-throated Humming-bird.
Tyrannus tyrannus. Kingbird.
Sayornis phoebe. Phoebe.
Contopus virens. Wood Pewee.
Empidonax minimus. Least Fly-catcher.
Cyanocitta cristata. Blue Jay.
Corvus Brachyrhynchos. American Crow.
Dolichonyx oryzivorus. Bobolink.
Molothrus ater. Cowbird.
Agelaius phoeniceus. Red-winged Blackbird.
Icterus galbula. Baltimore Oriole.
Euphagus carolinus. Rusty Blackbird.
Quiscalus quiscula aeneus. Bronzed Grackle.
Pinicola enucleator leucura. Pine Grosbeak.
Carpodacus purpureus. Purple Finch.
Loxia curvirostra minor. American Crossbill.
Astragalinus tristis. American Goldfinch.
Spinus pinus. Pine Siskin.
Poocetes gramineus. Vesper Sparrow.
Passerculus sandwichensis savanna. Savanna Sparrow.
Zonotrichia leucophrys. White-crowned Sparrow.
Zonotrichia albicollis. White-throated Sparrow.
Spizella monticola. Tree Sparrow.
Spizella socialis. Chipping Sparrow.
Spizella pusilla. Field Sparrow.
Junco hyemalis. Slate-colored Junco.
Melospiza cinera melodia. Song Sparrow.
Melospiza georgiana. Swamp Sparrow.
Passerella iliaca. Fox Sparrow.
Pipilo erythropthalmus. Towhee.
Zamelodia ludoviciana. Rose-breasted Grosbeak.
Cyanospiza cyanea. Indigo Bunting.
Piranga erythromelas. Scarlet Tanager.
Hirundo erythrogaster. Barn Swallow.
Iridoprocne bicolor. Tree Swallow.
Ampelis cedrorum. Cedar Waxwing.

Lanius borealis. Northern Shrike.
Vireo olivaceus. Red-eyed Vireo.
Vireo gilvus. Warbling Vireo.
Vireo flavifrons. Yellow-throated Vireo.
Vireo solitarius. Solitary Vireo.
Mniotilla varia. Black and White Warbler.
Helminthophila chrysoptera. Golden-winged Warbler.
Helminthophilo rubricapilla. Nashville Warbler.
Compsothlypis americana usneae. Parula Warbler.
Dendroica aestiva. Yellow Warbler.
Dendroica caeruleascens. Black-throated Blue Warbler.
Dendroica coronata. Myrtle Warbler.
Dendroica maculosa. Magnolia Warbler.
Dendroica pennsylvanica. Chestnut-sided Warbler.
Dendroica striata. Black-poll Warbler.
Dendroica blackburniae. Blackburnian Warbler.
Dendroica virens. Black-throated Green Warbler.
Dendroica vigorsi. Pine Warbler.
Dendroica palmarum hypochrysea. Yellow Palm Warbler.
Dendroica discolor. Prairie Warbler.
Seiurus aurocapillus. Oven Bird.
Seiurus noveboracensis. Water Thrush.
Geothlypis trichas brachidactyla. Maryland Yellow-throat.
Wilsonia pusilla. Wilson's Black-cap.
Wilsonia canadensis. Canadian Warbler.
Setophago ruticilla. Am. Redstart.
Galeoscoptes carolinensis. Catbird.
Toxostoma rufum. Brown Thrasher.
Olbiornis hiemalis. Winter Wren.
Certhia familiaris americana. Brown Creeper.
Sitta carolinensis. White-breasted Nuthatch.
Sitta canadensis. Red-breasted Nuthatch.
Parus atricapillus. Chickadee.
Regulus satrapa. Golden-crowned Kinglet.
Regulus calendula. Ruby-crowned Kinglet.
Hylocichla mustelina. Wood Thrush.
Hylocichla fuscescens. Wilson's Thrush.
Hylocichla ustulata swainsonii. Olive-black Thrush.
Hylocichla guttata pallasii. Hermit Thrush.
Merula migratoria. American Robin.
Siala sialis. Bluebird.

Introduced Species.

Phasianus torquatus. Ring Pheasant.
Passer domesticus. English Sparrow.

THE FLORA OF LYNN WOODS.

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Although many cities in the United States can boast of beautiful park systems it is exceedingly doubtful whether any of them have a reservation where the primeval quietness of nature is more easily accessible to the city dweller than it is in our own Lynn Woods. At a distance from the center of the city which would not discourage even the least enthusiastic stroller can be found the beauties that the student of nature so much admires: Hills, ravines and mossy dells, sighing pines and gurgling brooks, winding paths and tempting nooks, in fact all the varied features that nature holds out toward us as a temptation to partake of her soothing influences.

And this wilderness is not an artificial one by any means. Although the hand of man is evident in the many beautiful roadways that wind through the park system of Lynn Woods there is hardly another feature that breaks the illusion of untrammeled nature.

As proof of the natural state of the reservation we can seek no more convincing evidence than the state of the flora, for the plant life of a region always gives unmistakable signs regarding the proximity of man and his various actions.

Very important among the plants to whom we may look as evidences of the state of a flora are the ferns. These dainty woodland beauties are many of them inhabitants of the moister places in the wood and are therefore affected by the destruction of the protecting trees. The cutting of woodlands may cause the extinction of some species in localities where they are not exceedingly common. As evidence of the primitive state of some sections of Lynn Woods the broad fronds of the rare *Phegopteris*

hexagonoptera or Broad Beech Fern and the exquisite sprays of Maidenhair Spleenwort remain to charm the student of botany who is fortunate enough to meet with them. There are a few spots where large patches of the former fern may be found and it is doubtful whether another station for the species can be found for many miles. As to the latter fern there are few except the sharpest eyed and most enthusiastic who have discovered its dainty pinnæ in this section, yet it grows in Lynn Woods.

Proceeding in botanical order we next come to those odd relatives of the ferns, the Club mosses. The Shining Club Moss is the rarest of these and is only found in the dampest of shady woods, while all the species love the deep shadows of the hemlocks and the pines. There are four species in Lynn Woods, about all that are found in this section of the country.

Branching into the flowering plants we first encounter the Pine Family among which the least common species with us is the White Cedar. This tree is known in one or two of the deeper swamps of the Woods and in its general characters so closely resembles the Red Cedar that the ordinary observer would not give it any special attention. Beyond the Pine Family in classification come the Grasses and Sedges, but these are too inconspicuous to attract anyone not versed in their special study so we may now consider some of the better known classes of flowering plants.

The orchids are of course very interesting to all nature students on account of their great beauty. In the Woods there are several species of a rare nature such as the Whorled Pogonia and the Coral Roots, and the dainty Arethusa has also been found in a few secluded spots. It is probably of little interest to the non-scientific student to mention the technical names but they can be found in the list following this review.

In the Buckwheat Family is the large genus Polygonum with one species known as Carey's Persicaria which seems to be rather peculiar to Lynn Woods. It is quite common in the cuttings which were made for the enlargement of the ponds.

In the Crowfoot Family comes the Early Crowfoot, which is very often found in this vicinity, while a relative of it known as the White Baneberry has also been discovered in small quantities. The latter seems to be almost wholly confined to the vicinity of Swampscott so far as plentiful quantities go, however.

In the Poppy Family is the pretty little Corydalis so dear to the old Lynn botanist, Tracy, yet so little known to the casual student. Along the roads about the ponds this plant has become quite common since the cutting of the trees for enlarging the ponds, but Tracy seems to have considered it a rarity in his day.

The Pea Family presents one or two interesting rarities in the Tick-trefoil genus, the Prostrate and the Naked-flowered being the oddest of the Tick-trefoils found in this county. The Milkwort Family furnishes the curious little Whorled Milkwort which eludes many collectors for years and even when recognized is difficult to find again, and the Maple Family gives us one of the rarest trees in the park, the Striped Maple or Moosewood of which there are only a few specimens.

The Mountain Holly is found in one or two of the deep swamps, its beautiful red berries in fall showing its close relation to the holly of Christmas tide. It is included in a Family bearing its own name, the Holly Family, and is related to the well known Black Alder or Winterberry. Of the Violets (Violet Family) the rarest is probably the Downy Yellow with the Arrow-leaved Violet second. The latter is often found with leaves somewhat approaching an arrow form but distinctly formed and clear cut types are uncommon. The Ginseng Family also contributes a rare species to the woods flora in the American Spikenard, a tall coarse plant which is practically unknown to the average person.

The Spotted Wintergreen or Pipsissewa, the one-flowered Pyrola and the Greenish-flowered Pyrola are worthy of mention in the Heath tribe and the Bearberry should also be included here as it appears on a few of the higher hills of the park in situations that show its mountain-loving habits. On one of these

higher eminences has also been found the Sand-cherry, although its appearance in such a situation is somewhat of a problem. It is a member of the Rose tribe and is included in the Plum Family.

Other rarities are the Black Ash (Olive Family), the Four-leaved Milkweed (Milkweed Family), the Withe-rod (Honeysuckle Family), and the White Snakeroot and Vervain-leaved Thoroughwort of the Composite family.

It is not to be taken for granted that all these species are exceedingly rare plants but they are simply mentioned here to show the type of flora that the park possesses. They are a few of the plants that would attract the attention of a local botanist as being out of the ordinary line in this section. Some of them might, perhaps, be considered of special moment as relics of the original flora which the hand of man has not driven from their haunts, and it is to be hoped that such may find protection here for all time to charm and instruct the students of botany that may follow,

Following this article will be found a list of all plants of the Fern and Flowering Sub-kingdoms known to grow naturally in Lynn Woods with a supplementary list of introduced species.

Bryophyta. (Moss Plants.)

MARCHANTIACEAE. LIVERWORT.

Marchantia polymorpha. Common Liverwort.

JUNGERMANNIACEAE. SCALE MOSES.

Bazzania trilobata. Three-toothed Bazzania.

Blasia pusilla. Blasia.

Jungermannia Schraderi. Schrader's Jungermannia.

Kantia trichomanis. Kantia.

Lejeunia clypeata. Buckler-shaped Lejeunia.

Lophocolea bidentata. Two-toothed Lophocolea.

L. heterophylla. Various-leaved Lophocolea.

Porella platyphylla. Broad-leaved Porella.

Ptilidium ciliare. Fringed Ptilidium.

Radula complanata. Radula.

SPHAGNACEAE. SPHAGNUM FAMILY.

- Sphagnum acutifolium.* Acute-leaved Peat-Moss.
S. cymbifolium. Spoon-leaved Peat-Moss.
S. squarrosum. Spreading Peat-Moss.

BUXBAUMIACEAE. BUXBAUMEA FAMILY.

- Buxbaumia aphylla.* Common Buxbaumia.

GEORGIACEAE. GEORGIA FAMILY.

- Georgia pellucida.* Georgia.

POLYTRICHACEAE. HAIR-CAP FAMILY.

- Catharinea angustata.* Narrow-leaved Catharinea.
C. undulata. Wavy Catharinea.
Polytrichum commune. Common Hair-cap.
P. Juniperinum. Juniper Hair-cap.
P. piliferum. Awned Hair-cap.

FISSIDENTACEAE. FISSIDENS FAMILY.

- Fissidens osmundoides.* Small Fissidens.

LEUCOBRYACEAE. WHITE MOSS FAMILY.

- Leucobryum glaucum.* White Moss.

DICRANACEAE. BROOM MOSS FAMILY.

- Ceratodon purpureus.* Ceratodon.
Dicranella heteromalla orthocarpa. Erect Dicranella.
Dicranum fulvum. Fulvous Dicranum.
D. fuscescens. Fuscous Dicranum.
D. scoparium. Broom Moss.
Ditrichum tortile. Brown Ditrichum.

WEBERACEAE. WEBERA FAMILY.

- Webera sessilis.* Sessile Webera.

GRIMMIACEAE. GRIMMIA FAMILY.

- Hedwigia albicans.* Hedwigia.

FUNARIACEAE. CORD MOSS FAMILY.

- Funaria hygrometrica.* Cord Moss.

BRYACEAE. BRYUM FAMILY.

- Bryum argenteum.* Silvery Bryum.
B. caespitosum. Tufted Bryum
B. proliferum. Giant Bryum.

BARTRAMIACEAE. BARTRAMIA FAMILY.

- Bartramia pomiformis.* Apple Moss.
Philonotis fontana. Philonotis.

MNIACEAE. MNIUM FAMILY.

- Gymnocybe palustris.* Gymnocybe.
Mnium hornum. Long-leaved Mnium.
M. punctatum. Early Mnium.
M. punctatum elatum. Large-leaved Mnium.
M. sylvaticum. Woodsy Mnium.

LESKEACEAE. LESKEA FAMILY.

- Hycolomium proliferum.* Shaggy Moss.
Thelia hirtella. Common Thelia.
Thuidium delicatulum. Fern Moss.

HYPNACEAE. HYPNUM FAMILY.

- Amblystegium serpens.* Creeping Amblystegium.
Hypnum crista-castreensis. Plume Moss.
H. cupressiforme. Cypress Hypnum.
H. Haldanianum. Common Hypnum.
H. imponens. Pinnate Hypnum.
H. pratense. Meadow Hypnum.
H. reptile. Creeping Hypnum.
H. Schreberi. Schreber's Hypnum.
Plagiothecium denticulatum. Slender Plagiothecium.
P. deplanatum. Flattened Plagiothecium.
P. sylvaticum. Woodsy Plagiothecium.

BRACHYTHeciaceae. BRACHYTHECIUM FAMILY.

- Brachythecium plumosum.* Feathery Brachythecium.
B. rivulare. Rivulet Brachythecium.
B. salebrosum. Common Brachythecium.
Rynchostegium serrulatum. Dark Beaked Moss.

ISOTHECIACEAE. TREE MOSS FAMILY.

- Climacium Americanum.* American Tree Moss.
C. dendroideum. European Tree Moss.

FONTINALACEAE. WATER MOSS FAMILY.

- Fontinalis Dalecarlica.* Common Water Moss.

Pteridophyta. (Fern Plants.)**OPHIGLOSSACEAE. ADDER'S TONGUE FAMILY.**

- Botrychium dissectum.* Dissected Grape-fern.
B. obliquum. Ternate Grape-fern.
B. Virginianum. Rattlesnake Fern.

OSMUNDACEAE. CINNAMON FERN FAMILY.

- Osmunda cinnamomea.* Cinnamon Fern.
O. Claytoniana. Interrupted Fern.
O. regalis. Flowering Fern.

POLPODIACEAE. FERN FAMILY.

Adiantum pedatum. Maidenhair.
Asplenium ebenum. Ebony Spleenwort.
A. Filix-foemina. Lady Fern.
A. trichomanes. Maidenhair Spleenwort.
Dicksonia pilosiuscula. Dicksonia.
Dryopteris Boottii. Boott's Wood Fern.
D. cristata. Crested Fern.
D. cristata Clintoniana. Clinton's Crested Fern.
D. marginalis. Evergreen Wood Fern.
D. Noveboracensis. New York Fern.
D. simulata. Simple-veined Marsh Fern.
D. spinulosa dilatata. Broad Spinulose Fern.
D. spinulosa intermedia. Spinulose Wood Fern.
D. Thelypteris. Marsh Fern.
Onoclea sensibilis. Sensitive Fern.
G. Struthiopteris. Ostrich Fern.
Phegopteris hexagonoptera. Broad Beech Fern.
Polypodium vulgare. Common Polypody.
Polystichum acrostichoides. Christmas Fern.
Pteris aquilina. Common Brake.
Woodsia ilvensis. Rusty Woodsia.
Woodwardia augustifolia. Narrow Chain-Fern.
W. Virginica. Chain-Fern.

EQUISETACEAE. HORSETAIL FAMILY.

Equisetum arvense. Field Horsetail.
E. hyemale. Scouring-rush.

LYCOPODIACEAE. CLUB-MOSS FAMILY.

Lycopodium clavatum. Common Club-moss.
L. complanatum. Festoon Ground Pine.
L. lucidulum. Shining Club-moss.
L. obscurum. Ground Pine.

SELAGINELLACEAE. SELAGINELLA FAMILY.

Selaginella apus. Low Selaginella.
S. rupestris. Rock Selaginella.

Spermatophyta. (Seed Plants.)

PINACEAE. PINE FAMILY.

Chamaecyparis thyoides. White Cedar.
Juniperus communis. Juniper.
J. Virginiana. Red Cedar.
Larix laricina. Hackmatack.
Pinus rigida. Pitch Pine.
P. strobus. Pitch Pine.
Tsuga Canadensis. Hemlock.

TYPHACEAE. CAT-TAIL FAMILY.

Typha latifolia. Common Cat-tail.

SPARGANIACEAE. BUR-REED FAMILY.

Sparganium androcladum. Branching Bur-reed.

ALISMACEAE. WATER PLANTAIN FAMILY.

Alisma Plantago-aquatica. Water Plantain.

Sagittaria latifolia. Broad-leaved Arrow-head.

GRAMINEAE. GRASS FAMILY.

Agropyron repens. Couch Grass.

Agrostis alba. Red-top.

A. hyemalis. Rough Hair-grass.

A. perennans. Thin-grass.

Aira caryophyllea. Silver Hair-grass.

Andropogon scoparius. Broom Beard-grass.

A. Virginicus. Virginia Beard-grass.

Anthoxanthum odoratum. Sweet Vernal-grass.

Chaetochloa viridis. Green Foxtail.

Cinna arundinacea. Wood Reed-Grass.

Dactylis glomerata. Orchard Grass.

Danthonia spicata. Wild Cat-grass.

Echinochloa crus-galli. Barnyard-grass.

Holcus lanatus. Velvet-grass.

Muhlenbergia tenuiflora. Slender Muhlenbergia.

Oryzopsis asperifolia. Mountain Rice.

Panicularia brachyphylla. Short-leaved Manna-grass.

P. Canadensis. Rattlesnake-grass.

P. nervata. Long Manna-grass.

P. obtusa. Blunt Manna-grass.

Panicum agrostoides. Agrostis-like Panicum.

P. capillare. Old Witch Grass.

P. Columbianum. Columbia Panicum.

P. depauperatum. Starved Panicum.

P. dichotomum. Forked Panicum.

P. latifolium. Broad-leaved Panicum.

P. proliferum. Spreading Panicum.

P. pubescens. Downy Panicum.

P. Scribnérianum. Scribner's Panicum.

P. sphaerocarpon. Round-fruited Panicum.

Phleum pratense. Timothy.

Poa alsodes. Grove Meadow-grass.

P. annua. Annual Spear-grass.

P. pratensis. Kentucky Blue-grass.

Syntherisma linearis. Small Crab-grass.

S. sanguinalis. Crab-grass.

CYPERACEAE. SEDGE FAMILY.

- Carex cephaloidea*. Thin-leaved Sedge.
C. comosa. Bristly Sedge.
C. costellata. Ribbed Sedge.
C. crinita. Fringed Sedge.
C. festucacea. Fescue Sedge.
C. Goodenvii. Goodenough's Sedge.
C. gracillima. Graceful Sedge.
C. hystricina. Porcupine Sedge.
C. intumescens. Bladder Sedge.
C. laxiflora. Loose-flowered Sedge.
C. leptalea. Bristle-stalked Sedge.
C. lupulina. Hop Sedge.
C. Muhlenbergii. Muhlenberg's Sedge.
C. pallescens. Pale Sedge.
C. Pennsylvanica. Pennsylvania Sedge.
C. scoparia. Pointed Broom Sedge.
C. sterilis. Little Prickly Sedge.
C. stipata. Awl-fruited Sedge.
C. stricta. Tussock Sedge.
C. tenuis. Slender-stalked Sedge.
C. tribuloides. Blunt Broom Sedge.
C. umbellata. Umbelled Sedge.
C. virescens. Downy Green Sedge.
G. vulpinoidea. Fox Sedge.
Cyperus filiculmis. Slender Cyperus.
C. strigosus. Straw-colored Cyperus.
Dulichium arundinaceum. Dulichium.
Eleocharis acicularis. Needle Spike-rush.
E. olivacea. Bright-green Spike-rush.
E. ovata. Ovata Spike-rush.
E. tenuis. Slender Spike-rush.
Eriophorum virginicum. Cotton Grass.
Rynchospora glomerata. Clustered Beaked-rush.
Scirpus atrovirens. Dark-green Bulrush.
S. cyperinus. Wool-grass.
S. cyperinus eriophorum. Slender-stalked Wool-grass.
S. lineatus. Reddish Bulrush.
S. planifolius. Wood Club-rush.
Stenophyllus capillaris. Hair-like Stenophyllus.

ARACEAE. ARUM FAMILY.

- Arisaema triphyllum*. Indian Turnip.
Calla palustris. Water-arum.
Peltandra virginica. Arrow-arum.
Symplocarpus foetidus. Skunk Cabbage.

LEMNACEAE. DUCKWEED FAMILY.

- Lemna minor*. Lesser Duckweed.
Spirodela polyrhiza. Greater Duckweed.

XYRIDACEAE. YELLOW-EYED GRASS FAMILY.

- Xyris Caroliniana*. Carolina Yellow-eyed Grass.

ERIOCAULACEAE. PIPEWORT FAMILY.

- Eriocaulon septangulare*. Seven-angled Pipewort.

PONTEDERIACEAE. PICKEREL-WEED FAMILY.

- Pontederia cordata*. Pickerel-weed.

JUNCACEAE. RUSH FAMILY.

- Juncus acuminatus*. Sharp-fruited Rush.
J. Canadensis. Canada Rush.
J. pelocarpus. Brownish-fruited Rush.
J. dichotomus. Forked Rush.
J. effusus. Common Rush.
J. tenuis. Slender Rush.
Juncoides campestris. Wood-rush.

MELANTHACEAE. BUNCH FLOWER-FAMILY.

- Uvularia sessifolia*. Sessile-leaved Bellwort.
Veratrum viride. Indian Poke.

LILIACEAE. LILY FAMILY.

- Lilium Canadense*. Wild Yellow Lily.
L. Philadelphicum. Red Wood Lily.

CONVALLARIACEAE. LILY-OF-THE-VALLEY FAMILY.

- Unifolium Canadense*. False Lily-of-the-valley.
Medeola Virginiana. Indian Cucumber-root.
Salomonia biflora. Solomon's Seal.
Trillium cernuum. Nodding Trillium.
Vagnera racemosa. False Solomon's Seal.

SMILACEAE. SMILAX FAMILY.

- Smilax herbacea*. Carrion Flower.
S. rotundifolia. Catbrier.

AMARYLLIDACEAE. AMARYLLIS FAMILY.

- Hypoxis hirsuta*. Yellow Star-grass.

IRIDACEAE. IRIS FAMILY.

- Iris versicolor*. Larger Blue Flag.
Sisyrinchium angustifolium. Northern Blue-eyed Grass.
S. graminoides. Common Blue-eyed Grass.

ORCHIDACEAE. ORCHID FAMILY.

- Arethusa bulbosa.* Arethusa.
Blepharigottis lacera. Ragged-fringed Orchis.
B. grandiflora. Larger Purple-fringed Orchis.
Corallorrhiza Corallorrhiza. Early Coral-root.
C. multiflora. Large Coral-root.
C. odontorhiza. Small-flowered Coral-root.
Gymnadeniopsis clayellata. Small Green Wood Orchis.
Gyrostachys cernua. Nodding Ladies' Tresses.
G. gracilis. Slender Ladies' Tresses.
Isotria verticillata. Whorled Pogonia.
Limodium tuberosum. Grass-pink.
Peramium pubescens. Downy Rattlesnake Plantain.
P. repens. Northern Rattlesnake Plantain.
Pogonia ophioglossoides. Snake-mouth Orchis.

SALICACEAE. WILLOW FAMILY.

- Populus grandidentata.* Large-toothed Aspen.
P. tremuloides. American Aspen.
Salix cordata. Heart-leaved Willow.
S. discolor. Glaucous Willow.
S. eriocephala. Pussy Willow.
S. fragillis. Crack Willow.
S. humilis. Prairie Willow.
S. nigra. Black Willow.
S. rostrata. Beaked Willow.

MYRICACEAE. BAYBERRY FAMILY.

- Comptonia peregrina.* Sweet Fern.
Myrica cerifera. Bayberry.
M. gale. Sweet Gale.

JUGLANDACEAE. WALNUT FAMILY.

- Hicoria alba.* Mockernut.
H. glabra. Pignut Hickory.
H. ovata. Shagbark Hickory.

BETULACEAE. BIRCH FAMILY.

- Alnus incana.* Speckled Alder.
A. rugosa. Smooth Adler.
Betula lenta. Cherry Birch.
B. lutea. Yellow Birch.
B. papyrifera. Canoe Birch.
B. populifolia. American White Birch.
Corylus Americana. Common Hazel-nut.
C. rostrata. Beaked Hazel.
Ostrya Virginiana. Hop Hornbeam.

FAGACEAE. BEECH FAMILY.

Fagus Americana. American Beach.
Quercus alba. White Oak.
Q. bicolor. Swamp White Oak.
Q. coccinea. Scarlet Oak.
Q. nana. Bear Oak.
Q. rubra. Red Oak.
Q. velutina. Black Oak.

ULMACEAE. ELM FAMILY.

Ulnus Americana. American Elm.

URTICACEAE. NETTLE FAMILY.

Adicea pumila. Clearweed.
Boehmeria cylindrica. False Nettle.
Urtica gracilis. Slender Nettle.

SANTALACEAE. SANDALWOOD FAMILY.

Comandra umbellata. False Toad-flax.

POLYGONACEAE. BUCKWHEAT FAMILY.

Polygonum arifolium. Halbred-leaved Tear-thumb.
P. aviculare. Doorweed.
P. Careyi. Carey's Persicaria.
P. emersum. Swamp Persicaria.
P. Hydropiper. Smartweed.
P. Hydropiperoides. Mild Water-pepper.
P. lapathifolium. Pale Persicaria.
P. Pennsylvanicum. Pennsylvania Persicaria.
P. Persicaria. Ladies' Thumb.
P. sagittatum. Arrow-leaved Tear-thumb.
Rumex Acetosella. Sheep Sorrel.
R. crispus. Curled Dock.
R. obtusifolius. Broad-leaved Dock.

CHENOPodiACEAE. GOOSEFOOT FAMILY.

Chenopodium album. White Goosefoot.

AMARANTHACEAE. AMARANTH FAMILY.

Amaranthus retroflexus. Rough Pigweed.

PHYLLOLACCACEAE. POKEWEED FAMILY.

Phytolacca decandra. Pokeweed.

CARYOPHYLLACEAE. PINK FAMILY.

Alsine graminea. Lesser Stitchwort.
A. media. Chickweed.
Cerastium viscosum. Mouse-eared Chickweed.

CARYOPHYLLACEAE.—Continued.

Moehringia lateriflora. Blunt-leaved Sandwort.
Sagina procumbens. Procumbent Pearlwort.
Scleranthus annuus. Knawel.
Silene antirrhina. Sleepy Catchfly.
S. cucubalus. Bladder Campion.
Tissa rubra. Sand Spurrey.

NYMPHAEACEAE. WATER LILY FAMILY.

Nuphar advena. Yellow Pond Lily.
Nymphaea odorata. Water Lily.

RANUNCULACEAE. CROWFOOT FAMILY.

Actaea alba. White Baneberry.
Anemone quinquefolia. Wood Anemone
A Virginiana. Tall Anemone.
Anemonelle thalictroides. Rue Anemone.
Aquilegia Canadensis. Columbine.
Caltha palustris. Marsh Marigold.
Clematis Virginiana. Common Clematis.
Coptis trifolia. Goldthread.
Hepatica triloba. Hepatica.
Ranunculus abortivus. Small-flowered Crowfoot.
R. acris. Common Buttercups.
R. bulbosus. Bulbous Buttercups.
R. delphinifolius. Yellow Water-Crowfoot.
R. fascicularis. Early Crowfoot.
R. recurvatus. Hooked Crowfoot.
R. repens. Creeping Crowfoot.
R. sceleratus. Cursed Crowfoot.
R. septentrionalis. Marsh Crowfoot.
Thalictrum dioicum. Early Meadow-Rue.
T. polygamum. Tall Meadow-Rue.

BERBERIDACEAE. BARBERRY FAMILY.

Berberis vulgaris. Common Barberry.

LAURACEAE. LAUREL FAMILY.

Lindera Benzoin. Spice-bush.
Sassafras officinale. Sassafras.

PAPAVERACEAE. POPPY FAMILY.

Chelidonium majus. Celandine.
Capnoïdes sempervirens. Pale Corydalis.
Sanguinaria Canadensis. Bloodroot.

CRUCIFERAE. MUSTARD FAMILY.

Barbarea vulgaris. Yellow Rocket.
Brassica nigra. Black Mustard.
Capsella Bursa-pastoris. Shepherd's Purse.
Cardamine Pennsylvanica. Pennsylvania Bitter-cress.
Lepidium ruderale. Roadside Peppergrass.
L. Virginicum. Wild Peppergrass.
Roripa Nasturtium. Water-cress.
R. palustris. Marsh-Cress.
Sisymbrium officinale. Hedge Mustard.

SARRACENIACEAE. PITCHER-PLANT FAMILY.

Sarracenia purpurea. Pitcher-plant.

DROSERACEAE. SUNDEW FAMILY.

Drosera rotundiflora. Round-leaved Sundew.

SAXIFRAGACEAE. SAXIFRAGE FAMILY.

Saxifrage Virginiana. Early Saxifrage.

GROSSULARIACEAE. GOOSEBERRY FAMILY.

Ribes oxyacanthoides. Northern Gooseberry.

HAMAMELIDACEAE. WITCH HAZEL FAMILY.

Hamamelis Virginiana. Witch Hazel.

PLATANACEAE. PLANE TREE FAMILY.

Platanus occidentalis. Buttonwood.

ROSACEAE. ROSE FAMILY.

Agrimonia hirsuta. Agrimony.
Fragaria Virginiana. Wild Strawberry.
Geum Canadense. White Avens.
Potentilla argentea. Silvery Cinquefoil.
P. Canadensis. Canada Cinquefoil.
P. Monspeliensis. Rough Cinquefoil.
P. Pumila. Dwarf Cinquefoil.
Rosa blanda. Smooth Meadow Rose.
R. Carolina. Swamp Rose.
R. humilis. Pasture Rose.
R. rubiginosa. Sweet Brier.
Rubus Americanus. Dwarf Raspberry.
R. hispida. Running Swamp Blackberry.
R. nigricans. Tall Blackberry.
R. occidentalis. Thimbleberry.
R. procumbens. Low Blackberry.
R. strigosus. Raspberry.
Spiraea salicifolia. Meadow-sweet.
S. tomentosa. Hardhack.

POMACEAE. APPLE FAMILY.

Amelanchier Botryapitum. Shadbush.
A. Canadensis. Juneberry.
Aronia atropurpurea. Purple Chokeberry.
A. nigra. Black Chokeberry.
Cratoegus coccinea. Scarlet Haw.

DRUPACEAE. PLUM FAMILY.

Prunus Pennsylvanica. Wild Red Cherry.
Prunus pumila. Sand Cherry.
P. serotina. Wild Black Cherry.
P. Virginiana. Choke Cherry.

PAPILIONACEAE. PEA FAMILY.

Apis tuberosa. Wild Bean.
Baptisia tinctoria. Wild Indigo.
Falcata comosa. Hog Peanut.
Genista tinctoria. Woad-waxen.
Lespedeza capitata. Round-head Bush-clover.
L. hirta. Hairy Bush-clover.
L. frutescens. Wand-like Bush-clover.
L. procumbens. Trailing Bush-clover.
Medicago lupulina. Black Medick.
Meibomia Canadensis. Canada Tick-trefoil.
M. grandiflora. Acuminate-leaved Tick-trefoil.
M. Michauxii. Prostrate Tick-trefoil.
M. nudiflora. Naked-flowered Tick-trefoil.
Robinia Pseudacacia. Common Locust.
Trifolium arvense. Rabbit-foot Clover.
T. aureum. Golden Hop-clover.
T. hybridum. Alsike.
T. pratense. Red Clover.
T. repens. White Clover.

GERANIACEAE. GERANIUM FAMILY.

Geranium Carolinianum. Carolina Geranium.
G. maculatum. Wild Geranium.
G. Robertianum. Herb Robert.

OXALIDACEAE. OXALIS FAMILY.

Oxalis stricta. Yellow Wood-sorrel.

POLYGALACEAE. MILKWORT FAMILY.

Polygala polygama. Racemed Milkwort.
P. sanguinea. Purple Milkwort.
P. verticillata. Whorled Milkwort.

EUPHORBIACEAE. SPURGE FAMILY.

Euphorbia maculata. Spotted Spurge.

CALLITRICHACFAE. WATER-STARWORT FAMILY.

Callitricha heterophylla. Larger Water-starwort.
C. verna. Vernal Water-starwort.

ANACARDIACEAE. SUMAC FAMILY.

Rhus copallina. Dwarf Sumac.
R. glabra. Smooth Sumac.
R. hirta. Staghorn Sumac.
R. radicans. Poison Ivy.
R. vernix. Poison Sumac.

ILICACEAE. HOLLY FAMILY.

Ilex verticillata. Winterberry.
Iliciodes mucronata. Mountain Holly.

CELASTRACEAE. STAFF-TREE FAMILY.

Celastrus scandens. Climbing Bittersweet.

ACERACEAE. MAPLE FAMILY.

Acer Pennsylvanicum. Striped Maple.
A. rubrum. Red Maple.
A. Saccharum. Sugar Maple.

BALSAMINACEAE. JEWEL-WEED FAMILY.

Impatiens aurea. Pale Touch-me-not.
I. biflora. Spotted Touch-me-not.

RHAMEACEAE. BUCKTHORN FAMILY.

Ceanothus Americanus. Red-root.

VITACEAE. VINE FAMILY.

Parthenocissus quinquefolia. Woodbine.
Vitis aestivalis. Summer Grape.
V. labrusca. Northern Fox Grape.

TILIACEAE. LINDEN FAMILY.

Tilia Americana. American Linden.

HYPERICACEAE. ST. JOHN'S-WORT FAMILY.

Hypericum Canadense. Canada St. John's-wort.
H. muticum. Small St. John's-wort.
H. perforatum. Common St. John's-wort.
Sarothra gentianoides. Orange-grass.
Triadenum Virginianum. Marsh St. John's-wort.

CISTACEAE. ROCK-ROSE FAMILY.

Helianthemum Canadense. Frost-wort.
Lechea minor. Small Pinweed.
L. tenuifolia. Narrow-leaved Pinweed.
L. villosa. Hairy Pinweed.

VIOLACEAE. VIOLET FAMILY.

- Viola blanda.* Sweet White Violet.
- V. cucullata.* Marsh Blue Violet.
- V. fimbriatula.* Ovate-leaved Violet.
- V. Labradorica.* Dog Violet.
- V. lanceolata.* Lance-leaved Violet.
- V. pedata.* Bird's-foot Violet.
- V. pubescens.* Downy Yellow Violet.
- V. sagittata.* Arrow-leaved Violet.

LYTHRACEAE. LOOSESTRIFE FAMILY.

- Decodon verticillatus.* Swamp Loosestrife.

ONAGRACEAE. EVENING PRIMROSE FAMILY.

- Circaeа Lutetiana.* Enchanters Nightshade.
- Epilobium angustifolium.* Great Willow-herb.
- E. coloratum.* Purple-leaved Willow-herb.
- Isnardia palustris.* Purslane.
- Kneiffia pumila.* Small Sundrops.
- Onagra biennis.* Evening Primrose.

HALORAGIDACEAE. WATER-MILFOIL FAMILY.

- Prosperpinaca palustris.* Mermaid-weed.

ARALIACEAE. GINSENG FAMILY.

- Aralia hispida.* Bristly Sarsaparilla.
- A. nudicaulis.* Wild Sarsaparilla.
- A. racemosa.* American Spikenard.

UMBELLIFERAE. PARSLEY FAMILY.

- Cicuta bulbifera.* Cut-leaved Water Hemlock.
- C. maculata.* Water Hemlock.
- Daucus carota.* Wild Carrot.
- Sanicula Marylandica.* Sanicle.
- Sium cicutaefolium.* Water-parsnip.
- Washingtonia Claytoni.* Wooly Sweet-cicely.
- Cornus alternifolia.* Alternate-leaved Cornel.
- C. Canadensis.* Dwarf Cornel.
- C. stolonifera.* Red-osier Cornel.
- C. Florida.* Flowering Dogwood.
- C. paniculata.* Paniced Cornel.
- Nyssa sylvatica.* Tupelo.

CLETHRACEAE. WHITE ALDER FAMILY.

- Clethra alnifolia.* Sweet Pepperbush.

PYROLACEAE. WINTERGREEN FAMILY.

Chimaphila maculata. Spotted Wintergreen.
C. umbellata. Pipsissewa.
Moneses uniflora. One-flowered Pyrola.
Pyrola chlorantha. Greenish-flowered Pyrola.
P. elliptica. Shin-leaf.
P. rotundifolia. Round-leaved Pyrola.

MONOTROPACEAE. INDIAN PIPE FAMILY.

Hypopitys Hypopitys. False Beech-drops.
Monotropa uniflora. Indian Pipe.

ERICACEAE. HEATH FAMILY.

Arctostaphylos Uva-ursi. Red Bearberry.
Azalea viscosa. Clammy Azalea.
Gaultheria procumbens. Checkerberry.
Kalmia angustifolia. Sheep Laurel.
Xolisma ligustrina. Privet Andromeda.

VACCINIACEAE. HUCKLEBERRY FAMILY.

Gaylussacia dumosa. Dwarf Huckleberry.
G. frondosa. Dangleberry.
G. resinosa. High-bush Huckleberry.
Oxycoccus macrocarpus. Cranberry.
Vaccinium atrococcum. Black Blueberry.
V. corymbosum. Tall Blueberry.
V. Pennsylvanicum. Dwarf Blueberry.
V. vacillans. Low Blueberry.

PRIMULACEAE. PRIMROSE FAMILY.

Anagallis arvensis. Scarlet.
Lysimachia quadrifolia. Four-leaved Loosestrife.
L. terrestris. Bulb-bearing Loosestrife.
Steironema lanceolatum. Lance-leaved Loosestrife.
Trientalis Americana. Star-flower.

OLEACEAE. OLIVE FAMILY.

Fraxinus Americana. White Ash.
F. nigra. Black Ash.
Ligustrum vulgare. Privet.

GENTIANACEAE. GENTIAN FAMILY.

Gentiana Andrewsii. Closed Gentian.

APOCYNACEAE. DOGBANE FAMILY.

Apocynum androsaemifolium. Spreading Dogbane.

ASCLEPIADACEAE. MILKWEED FAMILY.

- Asclepias exaltata*. Poke Milkweed.
A. incarnata. Swamp Milkweed.
A. quadrifolia. Four-leaved Milkweed.
A. Syriaca. Common Milkweed.

CONVOLVULACEAE. MORNING-GLORY FAMILY.

- Convolvulus arvensis*. Small Bindweed.

CUSCUTACEAE. DODDER FAMILY.

- Cuscuta Gronovii*. Common Dodder.

BORAGINACEAE. BORAGE FAMILY.

- Echium vulgare*. Blueweed.
Echinospermum-Virginicum. Beggars Lice.
Myosotis palustris. Forget-me-not.

VERBENACEAE. VERVAIN FAMILY.

- Verbena urticifolia*. White Vervain.

LAMIACEAE. MINT FAMILY.

- Hedeoma pulegioides*. American Pennyroyal.
Lycopus Americanus. Cut-leaved Water Horehound.
Mentha Canadensis. Wild Mint.
Nepeta Cataria. Catnip.
Prunella vulgaris. Self-heal.
Scutellaria galericulata. Hooded Sculcap.
S. lateriflora. Common Sculcap.
Trichostema dichotomum. Blue Curls.

SOLANACEAE. NIGHTSHADE FAMILY.

- Solanum Dulcamara*. Bittersweet.
S. nigrum. Black Nightshade.

SCROPHULARIACEAE. FIGWORT FAMILY.

- Chelone glabra*. Turtle-head.
Dasytoma flava. Downy False Foxglove.
D. pedicularia. Fern-leaved False Foxglove.
Gerardia paupercula. Small Purple Gerardia.
G. tenuifolia. Slender Gerardia.
Gratiola aurea. Golden Hedge-hyssop.
G. Virginiana. Clammy Hedge-hyssop.
Ilysianthes dubia. False Pimpernel.
Linaria Canadensis. Blue Toad-flax.
L. vulgaris. Butter-and-eggs.
Melampyrum lineare. Cow-wheat.
Mimulus ringens. Monkey-flower.
Verbascum Thapsus. Mullen.
Veronica officinalis. Common Speedwell.
V. scutellata. Marsh Speedwell.

LENTIBULARIACEAE. BLADDERWORT FAMILY.

Utricularia vulgaris. Common Bladderwort.

OROBANCHACEAE. BROOM-RAPE FAMILY.

Thalesia uniflora. One-flowered Broom-rape.

PLANTAGINACEAE. PLANTAIN FAMILY.

Plantago aristata. Bracted Plantain.

P. lanceolata. English Plantain.

P. major. Common Plantain.

RUBIACEAE. MADDER FAMILY.

Cephalanthus occidentalis. Button-bush.

Galium circaeans. Cross-cleavers.

G. lanceolatum. Lance-leaved Bedstraw.

G. tinctorium. Marsh Bedstraw.

G. trifidum. Small Bedstraw.

G. triflorum. Fragrant Bedstraw.

Houstonia caerulea. Bluets.

Mitchella repens. Partridge-berry.

CAPRIFOLIACEAE. HONEYSUCKLE FAMILY.

Diervilla trifida. Bush Honeysuckle.

Sambucus Canadensis. Elderberry.

Viburnum cassinoides. Withe-rod.

V. acerifolium. Maple-leaved Viburnum.

V. dentatum. Arrow-wood.

V. lentago. Sheep-berry.

CAMpanulaceae. BELLFLOWER FAMILY.

Campanula aparinoides. Marsh Bellflower.

Lobelia cardinalis. Cardinal Flower.

L. inflata. Indian Tobacco.

L. spicata. Spiked Lobelia.

CICHORIACEAE. CHICORY FAMILY.

Cichorium intybus. Chicory.

Hieracium paniculatum. Paniced Hawkweed.

H. scabrum. Rough Hawkweed.

H. venosum. Rattlesnake-weed.

Krigia Virginica. Dwarf Dandelion.

Lactuca Canadensis. Wild Lettuce.

L. sagittifolia. Arrow-leaved Lettuce.

L. spicata. Tall Blue Lettuce.

Leontodon autumnale. Fall Dandelion.

Nabalus albus. White Rattlesnake-root.

N. trifoliatus. Tall Rattlesnake-root.

Taraxacum officinale. Dandelion.

AMBROSIACEAE. RAGWEED FAMILY.

Ambrosia artemisiæfolia. Ragweed.
Xanthium glabratum. Smooth Cocklebur.

COMPOSITAE. THISTLE FAMILY.

Achillea millefolium. Yarrow.
Anaphalis margaritacea. Pearly Everlasting.
Antennaria plantaginifolia. Early Everlasting.
Arctium minus. Common Burdock.
Aster acuminatus. Whorled Aster.
A. cordifolius. Heart-leaved Aster.
A. divaricatus. White Wood Aster.
A. dumosus. Bushy Aster.
A. laevis. Smooth Aster.
A. laterifolius. Starved Aster.
A. macrophyllus. Large-leaved Aster.
A. multiflorus. White Wreath Aster.
A. Novi Belgii. New York Aster.
A. paniculatus. Panicked Aster.
A. patens. Late Purple Aster.
A. puniceus. Red-stemmed Aster.
A. undulatus. Wavy-leaved Aster.
A. vimineus. Small White Aster.
Bidens cernua. Nodding Bur Marigold.
B. connata. Swamp Beggar Ticks.
B. frondosa. Common Beggar Ticks.
Carduus arvensis. Canada Thistle.
C. lanceolatus. Spear Thistle.
C. odoratus. Pasture Thistle.
Chrysanthemum Leucanthemum. Common Daisy.
Doellingeria infirma. Cornel-leaved Aster.
D. umbellata. Flat-topped Aster.
Erechtites hieracifolia. Fireweed.
Erigeron annuus. Annual Fleabane.
E. pulchellus. Robbin's Plantain.
E. ramosus. Smaller Daisy Fleabane.
Eupatorium ageratoides. White Snakeroot.
E. perfoliatum. Common Thoroughwort.
E. purpureum. Joe-Pye-weed.
E. verbenaefolium. Vervain-leaved Thoroughwort.
Euthamia graminifolia. Lance-leaved Golden Rod.
Gnaphalium obtusifolium. Fragrant Everlasting.
G. uliginosum. Low Cudweed.
Helianthus divaricatus. Woodland Sunflower.
Ionactis linariifolius. Stiff-leaved Aster.

COMPOSITAE.—Continued.

- Leptilon Canadense.* Canada Fleabane.
Senecio aureus. Golden Ragwort.
Sericocarpus asteroides. White-topped Aster.
Solidago bicolor. Silver Rod.
S. caesia. Slender Golden Rod.
S. Canadensis. Canada Golden Rod.
S. juncea. Early Golden Rod.
S. neglecta. Swamp Golden Rod.
S. nemoralis. Gray Golden Rod.
S. puberula. Downy Golden Rod.
S. rugosa. Rough Golden Rod.
S. serotina. Saw-tooth Golden Rod.
S. ulmifolia. Elm-leaved Golden Rod.
Tanacetum vulgare. Tansy.

INTRODUCED SPECIES.

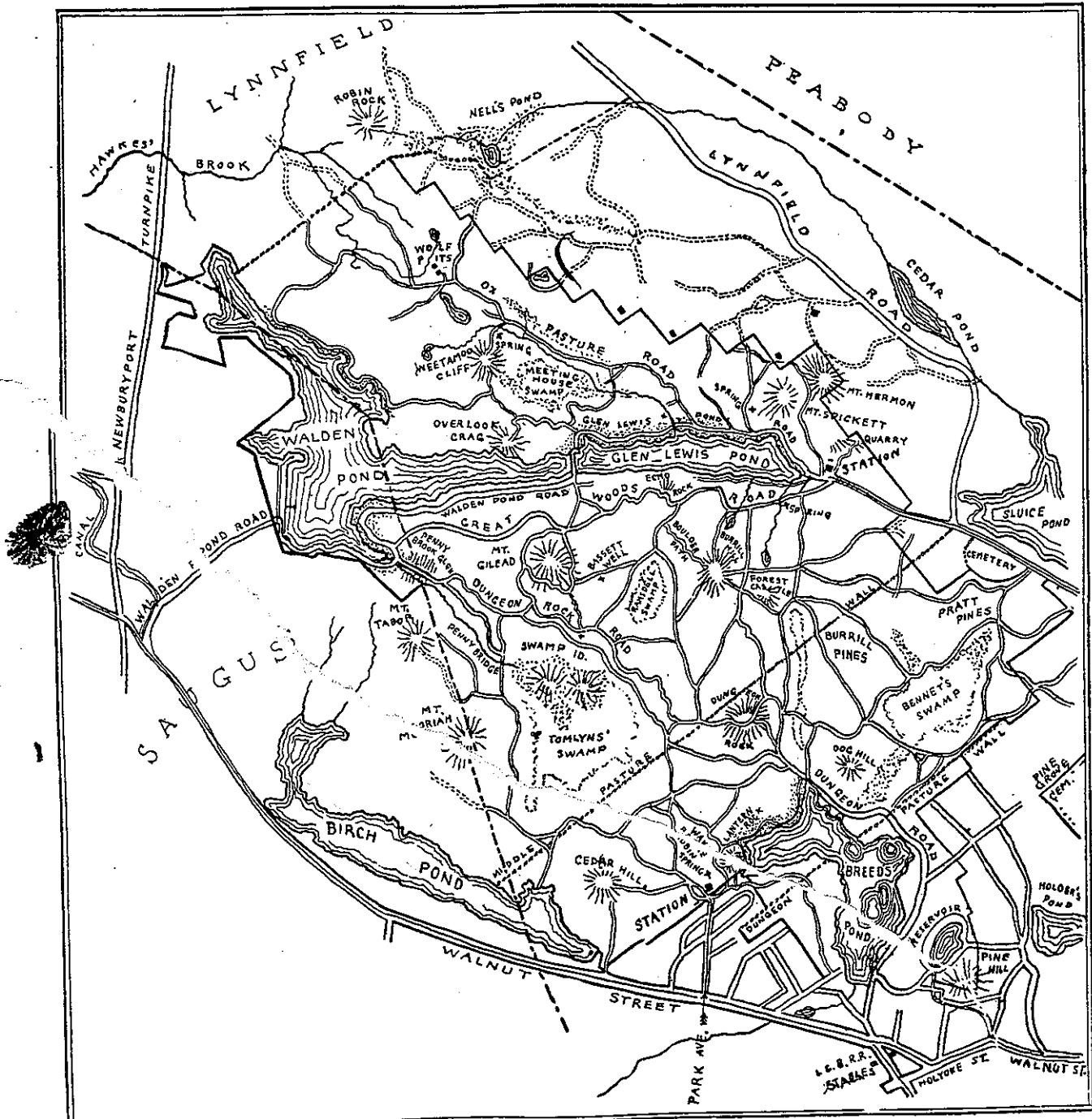
- Acer saccharinum.* White Maple.
Amorpha fruticosa. False Indigo.
Berberis Thunbergii. Japanese Barberry.
Campanula rotundifolia. Harebell.
Clintonia borealis. Northern Clintonia.
Hypericum prolificum. Shrubby St. John's-wort.
Kalmia latifolia. Mountain Laurel.
Lonicera sempervirens. Trumpet Honeysuckle.
Magnolia Virginiana. Sweet Bay.
Malus Malus. Common Apple.
Morus rubra. Red Mulberry.
Pinus resinosa. Norway Pine.
Polystichum Braunii. Braun's Holly Fern.
Ptelea trifoliata. Hop Tree.
Rhododendron maximum. Great Laurel.
Rosa rugosa. Japanese Brier Rose.
Salix Babylonica. Weeping Willow.

THE FAUNA OF LYNN WOODS.

BY C. A. CLARK.

Mammalia. (Mammals)

- Vulpes vulgaris*. Red Fox.
- Procyon lotor*. Raccoon.
- Lepus sylvaticus*. Gray Rabbit.
- Arctomys monax*. Woodchuck.
- Mephitis Mephitica*. Skunk.
- Putorius vison*. Mink.
- Putorius ermineus*. Weasel.
- Sciurus carolinensis*. Gray Squirrel.
- Sciurus hudsonius*. Red Squirrel.
- Sciuropterus volucella*. Flying Squirrel.
- Tamais striatus*. Chipmunk.
- Fiber zibethicus*. Muskrat.
- Mus decumanus*. Common Rat.
- Mus musculus*. Common Gray Mouse.
- Zapus hudsonius*. Jumping Mouse.
- Hesperomys leucopus*. White-footed Mouse.
- Avicola riparius*. Meadow Mouse.
- Condylura cristata*. Star-nosed Mole.
- Blarina brevicauda*. Mole Shrew.
- Atalapha cineris*. Hoary Bat.
- Atalapha noveboracensis*. Red Bat.
- Vespertilio sublatus*. Little Brown Bat.



LYNN WOODS. HANDY GUIDE FOR TRAMPERS.