



Lasher Road Substation Project

Appendix E

Plant and Wildlife Species List

PLANT SPECIES INVENTORY

Observed On-Site During TRC Surveys, 2015

<u>Family</u>	<u>Genus</u>	<u>species</u>	<u>common name</u>
Aceraceae	<i>Acer</i>	<i>rubrum</i>	red maple
Aceraceae	<i>Acer</i>	<i>saccharum</i>	sugar maple
Anacardiaceae	<i>Rhus</i>	<i>typhina</i>	staghorn sumac
Anacardiaceae	<i>Toxicodendron</i>	<i>radicans</i>	eastern poison ivy
Apiaceae	<i>Daucus</i>	<i>carota</i>	wild carrot
Apiaceae	<i>Pastinaca</i>	<i>sativa</i>	wild parsnip
Apocynaceae	<i>Asclepias</i>	<i>syriaca</i>	common milkweed
Asteraceae	<i>Ambrosia</i>	<i>artemisiifolia</i>	annual ragweed
Asteraceae	<i>Solidago</i>	<i>altissima</i>	tall goldenrod
Asteraceae	<i>Solidago</i>	<i>rugosa</i>	wrinkled-leaved goldenrod
Asteraceae	<i>Solidago</i>	<i>spp.</i>	goldenrods
Asteraceae	<i>Symphyotrichum</i>	<i>spp.</i>	asters
Balsaminaceae	<i>Impatiens</i>	<i>capensis</i>	spotted jewelweed
Betulaceae	<i>Alnus</i>	<i>incana</i>	speckled alder
Betulaceae	<i>Betula</i>	<i>alleghaniensis</i>	yellow birch
Betulaceae	<i>Betula</i>	<i>lenta</i>	black birch
Betulaceae	<i>Betula</i>	<i>populifolia</i>	gray birch
Betulaceae	<i>Carpinus</i>	<i>caroliniana</i>	American hornbeam
Brassicaceae	<i>Alliaria</i>	<i>petiolata</i>	garlic mustard
Caprifoliaceae	<i>Lonicera</i>	<i>spp.</i>	bush honeysuckle
Cornaceae	<i>Cornus</i>	<i>sericea</i>	red osier dogwood
Cyperaceae	<i>Carex</i>	<i>lacustris</i>	lake-bank sedge
Cyperaceae	<i>Carex</i>	<i>spp.</i>	sedges
Cyperaceae	<i>Scirpus</i>	<i>spp.</i>	bulrushes
Dryopteridaceae	<i>Polystichum</i>	<i>acrostichoides</i>	Christmas fern
Elaeagnaceae	<i>Elaeagnus</i>	<i>umbellata</i>	autumn olive
Equisetaceae	<i>Equisetum</i>	<i>arvense</i>	field horsetail
Fabaceae	<i>Baptisia</i>	<i>tinctoria</i>	wild-indigo
Fabaceae	<i>Robinia</i>	<i>pseudoacacia</i>	black locust
Fabaceae	<i>Trifolium</i>	<i>pretense</i>	red clover
Fagaceae	<i>Quercus</i>	<i>alba</i>	white oak

<u>Family</u>	<u>Genus</u>	<u>species</u>	<u>common name</u>
Fagaceae	<i>Quercus</i>	<i>rubra</i>	red oak
Juncaceae	<i>Juncus</i>	<i>effuses</i>	common rush
Lamiaceae	<i>Prunella</i>	<i>vulgaris</i>	American self-heal
Lythraceae	<i>Lythrum</i>	<i>salicaria</i>	purple loosestrife
Oleaceae	<i>Fraxinus</i>	<i>americana</i>	white ash
Onocleaceae	<i>Onoclea</i>	<i>sensibilis</i>	sensitive fern
Pinaceae	<i>Pinus</i>	<i>resinosa</i>	red pine
Pinaceae	<i>Pinus</i>	<i>strobus</i>	white pine
Poaceae	<i>Agrostis</i>	<i>hyemalis</i>	southern hairgrass
Poaceae	<i>Bromus</i>	<i>citatus</i>	fringed brome
Poaceae	<i>Festuca</i>	<i>rubra</i>	red fescue
Poaceae	<i>Phelum</i>	<i>pratense</i>	meadow timothy
Poaceae	<i>Zea</i>	<i>mays</i>	corn
Primulaceae	<i>Trientalis</i>	<i>borealis</i>	northern starflower
Rhamnaceae	<i>Rhamnus</i>	<i>cathartica</i>	buckthorn
Rosaceae	<i>Fragaria</i>	<i>vesca</i>	woodland strawberry
Rosaceae	<i>Malus</i>	<i>spp.</i>	crab-apple
Rosaceae	<i>Prunus</i>	<i>serotina</i>	black cherry
Rosaceae	<i>Rosa</i>	<i>multiflora</i>	multiflora rose
Rosaceae	<i>Rubus</i>	<i>spp.</i>	brambles
Rubiaceae	<i>Galium</i>	<i>spp.</i>	bedstraws
Salicaceae	<i>Populus</i>	<i>deltoides</i>	eastern cottonwood
Typhaceae	<i>Typha</i>	<i>angustifolia</i>	narrow-leaved cattail
Ulmaceae	<i>Ulmus</i>	<i>americana</i>	American elm
Vitaceae	<i>Parthenocissus</i>	<i>quinquefolia</i>	Virginia creeper
Vitaceae	<i>Vitis</i>	<i>spp.</i>	wild grape

WILDLIFE SPECIES INVENTORY

The following species could occur in the vicinity of the preferred site at some time during the year:

Common Name	Scientific Name
Bird Species	
<u>Swans, Geese, and Ducks (Waterfowl)</u>	
<u>Anatidae</u>	
² Canada goose	<i>Branta canadensis</i>
² wood duck	<i>Aix sponsa</i>
² mallard	<i>Anas platyrhynchos</i>
northern pintail	<i>Anas acuta</i>
green-winged teal	<i>Anas crecca</i>
blue-winged teal	<i>Anas discors</i>
American black duck	<i>Anas rubripes</i>
gadwall	<i>Anas strepera</i>
redhead	<i>Aythya americana</i>
ring-necked duck	<i>Aythya collaris</i>
common goldeneye	<i>Bucephala clangula</i>
mute swan	<i>Cygnus olor</i>
hooded merganser	<i>Lophodytes cucullatus</i>
common merganser	<i>Mergus merganser</i>
red-breasted merganser	<i>Mergus serrator</i>
ruddy duck	<i>Oxyura jamaicensis</i>
<u>Grebes</u>	
<u>Pedicipedidae</u>	
pied-billed grebe	<i>Podilymbus podiceps</i>
<u>Comorants</u>	
<u>Phalacrocoracidae</u>	
double crested cormorant	<i>Phalacrocorax auritus</i>
<u>Partridges, Grouse, and Turkeys</u>	
<u>Phasianidae</u>	
² ruffed grouse	<i>Bonasa umbellus</i>
² wild turkey	<i>Meleagris gallopavo</i>

Common Name

Scientific Name

Bitterns, Herons, & Allies

Ardeidae

²green heron

Butorides virescens

great blue heron

Ardea herodias

American bittern

Botaurus lentiginosus

least bittern

Ixobrychus exilis

black-crowned night heron

Nycticorax nycticorax

American Vultures

Cathartidae

turkey vulture

Cathartes aura

black vulture

Coragyps atratus

Kites, Eagles, Hawks, & Allies

Accipitridae

²sharp-shinned hawk

Accipiter striatus

²red-tailed hawk

Buteo jamaicensis

Cooper's hawk

Accipiter cooperii

northern goshawk

Accipiter gentilis

rough-legged hawk

Buteo lagopus

red-shouldered hawk

Buteo lineatus

broad-winged hawk

Buteo platypterus

northern harrier

Circus cyaneus

bald eagle

Haliaeetus leucocephalus

Quail

Odontophoridae

northern bobwhite

Colinus virginiana

Pheasants

Phasianidae

ring-necked pheasant

Phasianus colchicus

Caracaras & Falcons

Falconidae

²American kestrel

Falco sparverius

merlin

Falco columbarius

peregrine falcon

Falco peregrinus

Common Name

Scientific Name

Osprey
osprey

Pandionidae
Pandion haliaetus

Rails

American coot
common moorhen
sora rail
Virginia rail

Rallidae
Fulica americana
Gallinula chloropus
Porzana carolina
Rallus limicola

Plovers & Lapwings

² killdeer

Charadriidae
Charadrius vociferus

Sandpipers, Phalaropes, & Allies

² American woodcock
spotted sandpiper
upland sandpiper
Wilson's snipe
common snipe
solitary sandpiper

Scolopacidae
Scolopax minor
Actitis macularia
Bartramia longicauda
Gallinago delicata
Gallinago gallinago
Tringa solitaria

Pigeons & Doves

² rock pigeon
² mourning dove

Columbidae
Columba livia
Zenaida macroura

Gulls, Terns

herring gull
ring-billed gull
great black-backed gull

Laridae
Larus argentatus
Larus delawarensis
Larus marinus

Cuckoos

yellow-billed cuckoo
black-billed cuckoo

Cuculidae
Coccyzus americanus
Coccyzus erythrophthalmus

Common Name	Scientific Name
<u>Goat Suckers</u>	<u>Caprimulgidae</u>
whip-poor-will	<i>Caprimulgus vociferus</i>
common nighthawk	<i>Chordeiles minor</i>
<u>Swifts</u>	<u>Apodidae</u>
chimney swift	<i>Chaetura pelagica</i>
<u>Typical Owls</u>	<u>Strigidae</u>
² barred owl	<i>Strix varia</i>
great horned owl	<i>Bubo virginianus</i>
Eastern screech owl	<i>Otus asio</i>
<u>Hummingbirds</u>	<u>Trochilidae</u>
² ruby-throated hummingbird	<i>Archilochus colubris</i>
<u>Kingfishers</u>	<u>Alcedinidae</u>
² belted kingfisher	<i>Megaceryle alcyon</i>
<u>Woodpeckers & Allies</u>	<u>Picidae</u>
² red-bellied woodpecker	<i>Melanerpes carolinus</i>
² yellow-bellied sapsucker	<i>Sphyrapicus varius</i>
² downy woodpecker	<i>Picoides pubescens</i>
² hairy woodpecker	<i>Picoides villosus</i>
² northern flicker	<i>Colaptes auratus</i>
² pileated woodpecker	<i>Dryocopus pileatus</i>
red-headed woodpecker	<i>Melanerpes erythrocephalus</i>
black-backed woodpecker	<i>Picoides arcticus</i>
<u>Tyrant Flycatchers</u>	<u>Tyrannidae</u>
² eastern wood-pewee	<i>Contopus virens</i>
² alder flycatcher	<i>Empidonax alnorum</i>
² eastern phoebe	<i>Sayornis phoebe</i>
² great crested flycatcher	<i>Myiarchus crinitus</i>

Common Name

Scientific Name

² eastern kingbird

Tyrannus tyrannus

yellow-bellied flycatcher

Empidonax flaventris

least flycatcher

Empidonax minimus

willow flycatcher

Empidonax traillii

Acadian flycatcher

Empidonax viresceus

olive-sided flycatcher

Nuttallornis borealis

Vireos

Vireonidae

² warbling vireo

Vireo gilvus

² red-eyed vireo

Vireo olivaceus

yellow-throated vireo

Vireo flavifrons

white-eyed vireo

Vireo griseus

Philadelphia vireo

Vireo philadelphicus

blue-headed vireo

Vireo solitarius

Jays, Magpies, & Crows

Corvidae

^{1,2} blue jay

Cyanocitta cristata

^{1,2} American crow

Corvus brachyrhynchos

common raven

Corvus corax

fish crow

Corvus ossifragus

Swallows

Hirundinidae

² tree swallow

Tachycineta bicolor

² barn swallow

Hirundo rustica

cliff swallow

Hirundo pyrrhonotta

purple martin

Progne subis

bank swallow

Riparia riparia

northern rough-winged swallow

Stelgidopteryx serripennis

Shrikes

Laniidae

northern shrike

Lanius excubitor

Common Name

Scientific Name

Chickadees & Titmice

Paridae

²black-capped chickadee

Poecile atricapillus

²tufted titmouse

Baeolophus bicolor

Nuthatches

Sittidae

²white-breasted nuthatch

Sitta carolinensis

red-breasted nuthatch

Sitta canadensis

Wrens

Troglodytidae

²house wren

Troglodytes aedon

marsh wren

Cistothorus palustris

Carolina wren

Thryothorus ludovicianus

winter wren

Troglodytes troglodytes

Creepers

Certhiidae

brown creeper

Certhia americana

Thrushes

Turdidae

²veery

Catharus fuscescens

²wood thrush

Hylocichla mustelina

²American robin

Turdus migratorius

hermit thrush

Catharus guttatus

gray-cheeked thrush

Catharus minimus

Swainson's thrush

Catharus ustulatus

eastern bluebird

Sialia sialis

Kinglets

Sylviidae

blue-gray gnatcatcher

Poliophtila caerulea

ruby-crowned kinglet

Regulus calendula

golden-crowned kinglet

Regulus satrapa

Common Name

Scientific Name

Waxwings

Bombycillidae

cedar waxwing

Bombycilla cedrorum

Mockingbirds, Thrashers, & Allies

Mimidae

² gray catbird

Dumetella carolinensis

² northern mockingbird

Mimus polyglottos

brown thrasher

Toxostoma rufum

Starlings & Allies

Sturnidae

² European starling

Sturnus vulgaris

Wood Warblers

Parulidae

² blue-winged warbler

Vermivora pinus

² yellow warbler

Dendroica petechia

² chestnut-sided warbler

Dendroica pensylvanica

² American redstart

Setophaga ruticilla

² ovenbird

Seiurus aurocapilla

² common yellowthroat

Geothlypis trichas

black-throated blue warbler

Dendroica caerulescens

bay-breasted warbler

Dendroica castanea

cerulean warbler

Dendroica cerulea

Yellow-rumped warbler

Dendroica coronata

prairie warbler

Dendroica discolor

yellow-throated warbler

Dendroica dominica

blackburnian warbler

Dendroica fusca

magnolia warbler

Dendroica magnolia

palm warbler

Dendroica palmarum

pine warbler

Dendroica pinus

blackpoll warbler

Dendroica striata

Cape May warbler

Dendroica tigrina

black-throated green warbler

Dendroica virens

worm-eating warbler

Helmitheros vermivorus

Common Name	Scientific Name
yellow-breasted chat	<i>Icteria virens</i>
black and white warbler	<i>Mniotilta varia</i>
Connecticut warbler	<i>Oporornis agilis</i>
Kentucky warbler	<i>Oporornis formosus</i>
mourning warbler	<i>Oporornis philadelphia</i>
northern parula warbler	<i>Parula americana</i>
Louisiana waterthrush	<i>Seiurus motacilla</i>
northern waterthrush	<i>Seiurus noveboracensis</i>
orange-crowned warbler	<i>Vermivora celata</i>
golden-winged warbler	<i>Vermivora chrysoptera</i>
Lawrence's warbler	<i>Vermivora chrysoptera</i> x <i>V. pinus</i>
Tennessee warbler	<i>Vermivora peregrina</i>
Brewster's warbler	<i>Vermivora pinus</i> x <i>V. chrysoptera</i>
Nashville warbler	<i>Vermivora ruficapilla</i>
hooded warbler	<i>Wilsona citrina</i>
Canada warbler	<i>Wilsonia canadensis</i>
Wilson's warbler	<i>Wilsonia pusilla</i>

Tanagers

²scarlet tanager

Thraupidae

Piranga olivacea

Towhees, Buntings, Sparrows, & Allies

²chipping sparrow

²song sparrow

dark-eyed junco

swamp sparrow

Lincoln's sparrow

savannah sparrow

snow bunting

vesper sparrow

field sparrow

rufous-sided towhee

Emberizidae

Spizella passerina

Melospiza melodia

Junco hyemalis

Melospiza georgiana

Melospiza lincolnii

Passerculus sandwichensis

Plectrophenax nivalis

Pooecetes gramineus

Spizella pusilla

Pipilo erythrophthalmus

Common Name

Scientific Name

American tree sparrow

Spizella arborea

white-throated sparrow

Zonotrichia albicollis

white-crowned sparrow

Zonotrichia leucophrys

Grosbeaks & Buntings

Cardinalidae

²northern cardinal

Cardinalis cardinalis

²rose-breasted grosbeak

Pheucticus ludovicianus

blue grosbeak

Passerina caerulea

indigo bunting

Passerina cyanea

scarlet tanager

Piranga olivacea

summer tanager

Piranga rubra

dickcissel

Spiza americana

Blackbirds

Icteridae

²bobolink

Dolichonyx oryzivorus

²red-winged blackbird

Agelaius phoeniceus

²eastern meadowlark

Sturnella magna

²common grackle

Quiscalus quiscula

²Baltimore oriole

Icterus galbula

rusty blackbird

Euphagus carolinus

orchard oriole

Icterus spurius

brown-headed cowbird

Molothrus ater

Larks

Alaudidae

horned lark

Eromophila alpestris

Finches

Fringillidae

²purple finch

Carpodacus purpureus

²American goldfinch

Carduelis tristis

common redpoll

Carduelis flammea

pine siskin

Carduelis pinus

house finch

Carpodacus mexicanus

Common Name

Scientific Name

evening grosbeak

Coccothraustes vespertinus

Old World Sparrows

Passeridae

²house sparrow

Passer domesticus

Mammal Species

Opossums

Didelphiidae

opossum

Didelphis virginiana

Shrews

Soricidae

shorttail shrew

Blarina brevicauda

least shrew

Cryptotis parva

masked shrew

Sorex cinereus

smoky shrew

Sorex fumeus

Moles

Talpidae

star-nosed mole

Condylura cristata

hairy-tailed mole

Parascalops breweri

eastern mole

Scalopus aquaticus

Plain-nosed Bats

Vespertilionidae

big brown bat

Eptesicus fuscus

silver-haired bat

Lasiurus noctivagans

red bat

Lasiurus borealis

little brown bat

Myotis lucifugus

hoary bat

Lasiurus cinereus

northern long-eared bat

Myotis septentrionalis

eastern pipistrelle

Pipistrellus subflavus

Raccoons

Procyonidae

raccoon

Procyon lotor

Common Name

Scientific Name

Porcupines

Erethizontidae

porcupine

Erethizon dorsatum

Weasels

Mustelidae

striped skunk

Mephitis mephitis

shorttail weasel

Mustela erminea

longtail weasel

Mustela frenata

mink

Mustela vison

fisher

Martes pennanti

Dogs, Wolves, Foxes

Canidae

coyote

Canis latrans

gray fox

Urocyon cinereoargenteus

red fox

Vulpes vulpes

Cats

Felidae

bobcat

Felis rufus

Squirrels

Sciuridae

southern flying squirrel

Glaucomys volans

woodchuck

Marmota monax

¹ eastern gray squirrel

Sciurus carolinensis

eastern chipmunk

Tamias striatus

red squirrel

Tamiasciurus hudsonicus

Beaver

Castoridae

beaver

Castor canadensis

Mice, Rats, Lemmings, Voles

Cricetidae

meadow vole

Microtus pennsylvanicus

muskrat

Ondatra zibethicus

white-footed mouse

Peromyscus leucopus

Common Name

Scientific Name

deer mouse

Peromyscus maniculatus

Hares, Rabbits

Leporidae

¹ eastern cottontail

Sylvilagus floridanus

Deer

Cervidae

¹ whitetail deer

Odocoileus virginianus

Bears

Ursidae

black bear

Ursus americanus

Reptile and Amphibian Species

Snapping Turtles

Chelydridae

³ common snapping turtle

Chelydra serpentina

Box and Water Turtles

Emydidae

³ painted Turtle

Chrysemys picta

wood turtle

Clemmys insculpta

eastern box turtle

Terrapene caroliniana

Softshell Turtles

Trionychidae

spiny softshell

Apalone spinifera

Colubrids

Colubridae

³ common garter snake

Thamnophis sirtalis

ring necked snake

Diadophis punctatus

black rat snake

Elaphe obsoleta

eastern milk snake

Lampropeltis triangulum

smooth green snake

Liochlorophis vernalis

northern water snake

Natrix sipedon

brown snake

Storeria dekayi

red-bellied snake

Storeria occipitomaculata

Common Name	Scientific Name
shorthead garter snake	<i>Thamnophis brachystoma</i>
eastern ribbon snake	<i>Thamnophis sauritus</i>
<u>Giant Salamanders</u>	<u>Cryptobranchidae</u>
hellbender	<i>Cryptobranchus alleganiensis</i>
<u>Newts</u>	<u>Salamandridae</u>
³ red spotted newt	<i>Notophthalmus viridescens</i>
<u>Mole Salamanders</u>	<u>Ambystomatidae</u>
³ spotted salamander	<i>Ambystoma maculatum</i>
Jefferson salamander	<i>Ambystoma jeffersonianum</i>
blue-spotted salamander	<i>Ambystoma laterale</i>
<u>Lungless Salamanders</u>	<u>Plethodontidae</u>
³ northern two-lined salamander	<i>Eurycea bislineata</i>
³ eastern redback salamander	<i>Plethodon cinereus</i>
northern dusky salamander	<i>Desmognathus fuscus</i>
Allegheny mountain dusky salamander	<i>Desmognathus ochrophaeus</i>
long-tailed salamander	<i>Eurycea longicauda</i>
spring salamander	<i>Gyrinophilus porphyriticus</i>
four-toed salamander	<i>Hemidactylum scutatatum</i>
slimy salamander	<i>Plethodon glutinosus</i>
Wehrle's salamander	<i>Plethodon wehrlei</i>
northern red salamander	<i>Pseudotriton ruber</i>
<u>Aquatic Salamanders</u>	<u>Proteidae</u>
mudpuppy	<i>Necturus maculosus</i>
<u>Toads</u>	<u>Bufo</u>
³ American toad	<i>Bufo americanus</i>

Common Name

Scientific Name

Tree Frogs

Hylidae

³ gray treefrog

Hyla versicolor

³ northern spring peeper

Pseudacris crucifer

western chorus frog

Pseudacris triseriata

True Frogs

Ranidae

³ bull frog

Rana catesbeiana

³ green frog

Rana clamitans

³ pickerel frog

Rana palustris

³ northern leopard frog

Rana pipiens

³ wood frog

Rana sylvatica

mink frog

Rana septentrionalis

Notes:

¹ Species identified during on-site ecological surveys conducted by TRC in 2015.

² Species identified in the NYS Breeding Bird Atlas (Survey Block 5875A)

³ Species identified in the NYS Amphibian & Reptile Atlas Project (Burnt Hills Quad).