

July 26, 2017

Appendix D

VARIOUS APPENDICES ON DATA ACQUIRED FROM FIELD SURVEYS

**ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGISTRATION FOR THE INTERNATIONAL POWER LINE
PROJECT: WOODSTOCK TO HOULTON, MAINE (TRANSMISSION LINE 0155)**

July 26, 2017

ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGISTRATION FOR THE INTERNATIONAL POWER LINE PROJECT: WOODSTOCK TO HOULTON, MAINE (TRANSMISSION LINE 0155)

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Table D.2 Vascular Plant Species Observed in the PDA and Surrounding Areas

Scientific Name	Common Name	AC CDC S-Rank ¹
<i>Abies balsamea</i>	balsam fir	S5
<i>Acer negundo</i>	Manitoba maple	SNA
<i>Acer pensylvanicum</i>	striped maple	S5
<i>Acer platanoides</i>	Norway maple	SNA
<i>Acer rubrum</i>	red maple	S5
<i>Acer saccharum</i>	sugar maple	S5
<i>Achillea millefolium</i>	common yarrow	S5
<i>Actaea pachypoda</i>	white baneberry	S4
<i>Actaea rubra</i>	red baneberry	S5
<i>Adiantum pedatum</i>	northern maidenhair fern	S3
<i>Aegopodium podagraria</i>	goutweed	SNA
<i>Ageratina altissima</i>	white snakeroot	S4S5
<i>Agrimonia striata</i>	woodland agrimony	S5
<i>Agrostis capillaris</i>	colonial bent grass	SNA
<i>Agrostis gigantea</i>	redtop	SNA
<i>Agrostis stolonifera</i>	creeping bent grass	S5
<i>Alliaria petiolata</i>	garlic mustard	SNA
<i>Alnus incana</i>	speckled alder	S5
<i>Amphicarpaea bracteata</i>	American hog peanut	S4S5
<i>Anaphalis margaritacea</i>	pearly everlasting	S5
<i>Anemone canadensis</i>	Canada anemone	S5
<i>Anemone virginiana var. cylindroidea</i>	Virginia anemone	SNR
<i>Anthoxanthum odoratum</i>	large sweet vernal grass	SNA
<i>Apocynum androsaemifolium</i>	spreading dogbane	S5
<i>Aquilegia vulgaris</i>	European columbine	SNA
<i>Aralia nudicaulis</i>	wild sarsaparilla	S5
<i>Arctium lappa</i>	great burdock	SNA
<i>Arisaema triphyllum</i>	Jack-in-the-pulpit	S5

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Table D.2 Vascular Plant Species Observed in the PDA and Surrounding Areas

Scientific Name	Common Name	AC CDC S-Rank ¹
<i>Artemisia vulgaris</i>	common wormwood	SNA
<i>Asarum canadense</i>	Canada wild ginger	S4
<i>Asclepias syriaca</i>	common milkweed	S4S5
<i>Athyrium filix-femina</i>	common lady fern	S5
<i>Barbarea vulgaris</i>	yellow rocket	SNA
<i>Betula papyrifera</i>	paper birch	S5
<i>Betula populifolia</i>	gray birch	S5
<i>Brachyelytrum septentrionale</i>	northern shorthusk	S5
<i>Brasenia schreberi</i>	water-shield	S4
<i>Bromus ciliatus</i>	fringed brome	S5
<i>Bromus inermis</i>	smooth brome	SNA
<i>Calamagrostis canadensis</i>	bluejoint reed grass	S5
<i>Calla palustris</i>	wild calla	S5
<i>Callitriche sp.</i>	water-starwort	#N/A
<i>Caltha palustris</i>	yellow marsh marigold	S4S5
<i>Calystegia sepium</i>	hedge false bindweed	S5
<i>Campanula rapunculoides</i>	creeping bellflower	SNA
<i>Cardamine diphylla</i>	two-leaved toothwort	S4S5
<i>Cardamine pensylvanica</i>	Pennsylvania bittercress	S5
<i>Carex arctata</i>	black sedge	S5
<i>Carex aurea</i>	golden sedge	S4
<i>Carex bebbii</i>	Bebb's sedge	S4
<i>Carex communis</i>	fibrous-root sedge	S5
<i>Carex crinita</i>	fringed sedge	S5
<i>Carex cryptolepis</i>	hidden-scaled sedge	S4
<i>Carex deflexa</i>	northern sedge	S5
<i>Carex deweyana</i>	Dewey's sedge	S5
<i>Carex diandra</i>	lesser paniced sedge	S4

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Scientific Name	Common Name	AC CDC S-Rank ¹
<i>Carex echinata</i>	star sedge	S5
<i>Carex flava</i>	yellow sedge	S5
<i>Carex gracillima</i>	graceful sedge	S5
<i>Carex gynandra</i>	nodding sedge	S5
<i>Carex hystericina</i>	porcupine sedge	S4
<i>Carex interior</i>	inland sedge	S5
<i>Carex intumescens</i>	bladder sedge	S5
<i>Carex lasiocarpa</i>	slender sedge	S5
<i>Carex leptalea</i>	bristly-stalked sedge	S5
<i>Carex lurida</i>	sallow sedge	S5
<i>Carex pallescens</i>	pale sedge	S5
<i>Carex peckii</i>	white-tinged sedge	S4
<i>Carex projecta</i>	necklace sedge	S5
<i>Carex pseudocyperus</i>	cyperuslike sedge	S5
<i>Carex radiata</i>	eastern star sedge	S4
<i>Carex retrorsa</i>	retorse sedge	S4
<i>Carex rosea</i>	rosy sedge	S3
<i>Carex scabrata</i>	rough sedge	S5
<i>Carex scoparia</i>	broom sedge	S5
<i>Carex stipata</i>	awl-fruited sedge	S5
<i>Carex tenera</i>	tender sedge	S3
<i>Carex tinctoria</i>	tinged sedge	S4S5
<i>Carex tribuloides</i>	blunt broom sedge	S4S5
<i>Carex trisperma</i>	three-seeded sedge	S5
<i>Carex utriculata</i>	northern beaked sedge	S5
<i>Carex vulpinoidea</i>	fox sedge	S4S5
<i>Caulophyllum thalictroides</i>	blue cohosh	S4
<i>Cerastium fontanum</i>	common chickweed	SNA

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Table D.2 Vascular Plant Species Observed in the PDA and Surrounding Areas

Scientific Name	Common Name	AC CDC S-Rank ¹
<i>Chamaedaphne calyculata</i>	leatherleaf	S5
<i>Chamerion angustifolium</i>	fireweed	S5
<i>Chelone glabra</i>	white turtlehead	S5
<i>Cichorium intybus</i>	wild chicory	SNA
<i>Cicuta bulbifera</i>	bulbous water-hemlock	S5
<i>Cinna latifolia</i>	drooping wood reed grass	S5
<i>Circaea alpina</i>	small enchanter's nightshade	S5
<i>Circaea lutetiana</i>	broad-leaved enchanter's nightshade	S4
<i>Cirsium arvense</i>	Canada thistle	SNA
<i>Cirsium muticum</i>	swamp thistle	S5
<i>Cirsium vulgare</i>	bull thistle	SNA
<i>Clematis virginiana</i>	Virginia clematis	S5
<i>Clintonia borealis</i>	yellow bluebead lily	S5
<i>Comarum palustre</i>	marsh cinquefoil	S5
<i>Convallaria majalis</i>	European lily-of-the-valley	SNA
<i>Cornus alternifolia</i>	alternate-leaved dogwood	S5
<i>Cornus canadensis</i>	bunchberry	S5
<i>Cornus rugosa</i>	round-leaved dogwood	S4
<i>Cornus sericea</i>	red osier dogwood	S5
<i>Coronilla varia</i>	purple crown-vetch	SNA
<i>Corylus cornuta</i>	beaked hazel	S5
<i>Crataegus macrosperma</i>	big-fruit hawthorn	S2?
<i>Crataegus sp.</i>	a hawthorn	-
<i>Crepis tectorum</i>	narrow-leaved hawksbeard	SNA
<i>Cypripedium parviflorum var. pubescens</i>	yellow lady's-slipper	S4
<i>Dactylis glomerata</i>	orchard grass	SNA
<i>Dalibarda repens</i>	dewdrop	S5
<i>Danthonia spicata</i>	poverty oat grass	S5

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Scientific Name	Common Name	AC CDC S-Rank ¹
<i>Daucus carota</i>	Queen Anne's Lace	SNA
<i>Deparia acrostichoides</i>	silvery glade fern	S4
<i>Dianthus armeria</i>	Deptford pink	SNA
<i>Dichanthelium acuminatum</i>	woolly panic grass	S5
<i>Diervilla lonicera</i>	northern bush honeysuckle	S5
<i>Doellingeria umbellata</i>	hairy flat-top white aster	S5
<i>Dryopteris carthusiana</i>	spinulose wood fern	S5
<i>Dryopteris goldiana</i>	Goldie's woodfern	S3
<i>Dryopteris intermedia</i>	evergreen wood fern	S5
<i>Dryopteris x boottii</i>	a hybrid wood-fern	SNA
<i>Echinochloa crus-galli</i>	large barnyard grass	SNA
<i>Echinocystis lobata</i>	wild cucumber	S5
<i>Elatine minima</i>	small waterwort	S3
<i>Eleocharis palustris</i>	common spikerush	S5
<i>Eleocharis sp.</i>	a spikerush	#N/A
<i>Elymus repens</i>	quack grass	SNA
<i>Elymus virginicus</i>	Virginia wild rye	S5
<i>Epilobium ciliatum</i>	northern willowherb	S5
<i>Epilobium leptophyllum</i>	bog willowherb	S5
<i>Epipactis helleborine</i>	helleborine	SNA
<i>Equisetum arvense</i>	field horsetail	S5
<i>Equisetum fluviatile</i>	water horsetail	S5
<i>Equisetum sylvaticum</i>	woodland horsetail	S5
<i>Equisetum variegatum</i>	variegated horsetail	S4
<i>Erigeron annuus</i>	annual fleabane	S4S5
<i>Erigeron philadelphicus</i>	Philadelphia fleabane	S4
<i>Erigeron strigosus</i>	rough fleabane	S5
<i>Erythronium americanum</i>	yellow trout lily	S5

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Scientific Name	Common Name	AC CDC S-Rank ¹
<i>Eupatorium maculatum</i>	spotted Joe-pye-weed	S5
<i>Euthamia graminifolia</i>	grass-leaved goldenrod	S5
<i>Fagus grandifolia</i>	American beech	S4
<i>Festuca filiformis</i>	hair fescue	SNA
<i>Festuca rubra</i>	red fescue	S5
<i>Fragaria vesca</i>	woodland strawberry	S4
<i>Fragaria virginiana</i>	wild strawberry	S5
<i>Fraxinus americana</i>	white ash	S4S5
<i>Fraxinus excelsior</i>	european ash	SNA
<i>Fraxinus nigra</i>	black ash	S4S5
<i>Galeopsis tetrahit</i>	common hemp-nettle	SNA
<i>Galium mollugo</i>	smooth bedstraw	SNA
Galium obtusum	blunt-leaved bedstraw	S2?
<i>Galium palustre</i>	common marsh bedstraw	S5
<i>Galium tinctorium</i>	Dyer's bedstraw	S5
<i>Galium triflorum</i>	three-flowered bedstraw	S5
<i>Galium verum</i>	yellow bedstraw	SNA
<i>Gaultheria hispidula</i>	creeping snowberry	S5
<i>Geum aleppicum</i>	yellow avens	S5
<i>Geum canadense</i>	white avens	S5
<i>Geum laciniatum</i>	rough avens	S5
<i>Geum macrophyllum</i>	large-leaved avens	S5
<i>Geum rivale</i>	water avens	S5
<i>Geum urbanum</i>	wood avens	SNA
<i>Glechoma hederacea</i>	ground ivy	SNA
<i>Glyceria borealis</i>	northern manna grass	S5
<i>Glyceria canadensis</i>	Canada manna grass	S5
<i>Glyceria grandis</i>	common tall manna grass	S5

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Scientific Name	Common Name	AC CDC S-Rank ¹
<i>Glyceria melicaria</i>	slender manna grass	S5
<i>Glyceria striata</i>	fowl manna grass	S5
<i>Gnaphalium uliginosum</i>	marsh cudweed	SNA
<i>Gymnocarpium dryopteris</i>	common oak fern	S5
<i>Halenia deflexa</i>	spurred gentian	S4S5
<i>Hieracium aurantiacum</i>	orange hawkweed	SNA
<i>Hieracium caespitosum</i>	field hawkweed	SNA
<i>Hieracium pilosella</i>	mouse-ear hawkweed	SNA
<i>Hieracium piloselloides</i>	tall hawkweed	SNA
<i>Hieracium praealtum</i>	king devil hawkweed	SNA
<i>Hippuris vulgaris</i>	common mare's-tail	S4S5
<i>Hordeum jubatum</i>	foxtail barley	S5
<i>Hylotelephium telephium ssp. telephium</i>	garden stonecrop	SNA
<i>Hypericum perforatum</i>	common St. John's-wort	SNA
<i>Ilex verticillata</i>	common winterberry	S5
<i>Iris versicolor</i>	harlequin blue flag	S5
<i>Juglans cinerea</i>	butternut	S1
<i>Juncus articulatus</i>	jointed rush	S5
<i>Juncus balticus</i>	baltic rush	S5
<i>Juncus brevicaudatus</i>	short-tailed rush	S5
<i>Juncus canadensis</i>	Canada rush	S5
<i>Juncus dudleyi</i>	Dudley's rush	S4
<i>Juncus effusus</i>	soft rush	S5
<i>Juncus tenuis</i>	path rush	S5
<i>Kalmia polifolia</i>	pale bog laurel	S5
<i>Lactuca canadensis</i>	Canada lettuce	S5
<i>Lactuca serriola</i>	prickly lettuce	SNA
<i>Laportea canadensis</i>	Canada wood nettle	S5

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Table D.2 Vascular Plant Species Observed in the PDA and Surrounding Areas

Scientific Name	Common Name	AC CDC S-Rank ¹
<i>Lathyrus latifolius</i>	everlasting pea	SNA
<i>Lathyrus sylvestris</i>	flat vetchling	SNA
<i>Ledum groenlandicum</i>	common labrador tea	S5
<i>Lemna minor</i>	lesser duckweed	SNA
<i>Leontodon autumnalis</i>	fall dandelion	SNA
<i>Leucanthemum vulgare</i>	oxeye daisy	SNA
<i>Lilium bulbiferum</i>	orange lily	SNA
<i>Linaria vulgaris</i>	butter-and-eggs	SNA
<i>Linnaea borealis</i>	twinflower	S5
<i>Liparis loeselii</i>	Loesel's twayblade	S3
<i>Lolium arundinaceum</i>	tall fescue	SNA
<i>Lonicera canadensis</i>	Canada fly honeysuckle	S5
<i>Lonicera morrowii</i>	Morrow's honeysuckle	SNA
<i>Lonicera tatarica</i>	Tartarian honeysuckle	SNA
<i>Lonicera villosa</i>	mountain fly honeysuckle	S5
<i>Lotus corniculatus</i>	garden bird's-foot trefoil	SNA
<i>Lupinus polyphyllus</i>	large-leaved lupine	SNA
<i>Luzula acuminata</i>	hairy woodrush	S5
<i>Luzula multiflora</i>	common woodrush	S5
<i>Lycopodium annotinum</i>	stiff clubmoss	S5
<i>Lycopodium clavatum</i>	running clubmoss	S5
<i>Lycopodium dendroideum</i>	round-branched tree-clubmoss	S5
<i>Lycopodium hickeyi</i>	Hickey's Tree-clubmoss	S4
<i>Lycopus americanus</i>	American water horehound	S5
<i>Lycopus uniflorus</i>	northern water horehound	S5
<i>Lysimachia ciliata</i>	fringed yellow loosestrife	S5
<i>Lysimachia thyriflora</i>	tufted yellow loosestrife	S4
<i>Lythrum salicaria</i>	purple loosestrife	SNA

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Table D.2 Vascular Plant Species Observed in the PDA and Surrounding Areas

Scientific Name	Common Name	AC CDC S-Rank ¹
<i>Maianthemum canadense</i>	wild lily-of-the-valley	S5
<i>Maianthemum racemosum</i>	large false solomon's seal	S5
<i>Malus pumila</i>	common apple	SNA
<i>Malva moschata</i>	musk mallow	SNA
<i>Matteuccia struthiopteris</i>	ostrich fern	S5
<i>Medicago sativa</i>	alfalfa	SNA
<i>Mellilotus officinalis</i>	yellow sweet-clover	SNA
<i>Mentha arvensis</i>	wild mint	S5
<i>Menyanthes trifoliata</i>	bog buckbean	S5
<i>Mimulus ringens</i>	square-stemmed monkeyflower	S5
<i>Mitchella repens</i>	partridgeberry	S5
<i>Mitella nuda</i>	naked bishop's-cap	S5
<i>Moneses uniflora</i>	one-flowered wintergreen	S5
<i>Monotropa uniflora</i>	indian pipe	S5
<i>Myosotis laxa</i>	small forget-me-not	S5
<i>Myosotis sylvatica</i>	woodland forget-me-not	SNA
<i>Myrica gale</i>	sweet gale	S5
<i>Nemopanthus mucronatus</i>	mountain holly	S5
<i>Nuphar lutea</i>	variegated pond-lily	S5
<i>Oclemena acuminata</i>	whorled wood aster	S5
<i>Oenothera biennis</i>	common evening primrose	S5
<i>Oenothera perennis</i>	perennial evening primrose	S5
<i>Onoclea sensibilis</i>	sensitive fern	S5
<i>Orthilia secunda</i>	one-sided wintergreen	S5
<i>Osmunda cinnamomea</i>	cinnamon fern	S5
<i>Osmunda claytoniana</i>	interrupted fern	S5
<i>Osmunda regalis</i>	royal fern	S5
<i>Ostrya virginiana</i>	ironwood	S4S5

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Table D.2 Vascular Plant Species Observed in the PDA and Surrounding Areas

Scientific Name	Common Name	AC CDC S-Rank ¹
<i>Oxalis corniculata</i>	creeping wood sorrel	SNA
<i>Oxalis montana</i>	common wood sorrel	S5
<i>Oxalis stricta</i>	European wood sorrel	S5
<i>Packera aurea</i>	golden groundsel	S4S5
<i>Parthenocissus quinquefolia</i>	Virginia creeper	SNA
<i>Pastinaca sativa</i>	wild parsnip	SNA
<i>Phalaris arundinacea</i>	reed canary grass	S5
<i>Phegopteris connectilis</i>	northern beech fern	S5
<i>Phleum pratense</i>	common timothy	SNA
<i>Photinia melanocarpa</i>	black chokeberry	S5
<i>Picea mariana</i>	black spruce	S5
<i>Picea rubens</i>	red spruce	S5
<i>Pinus banksiana</i>	jack pine	S5
<i>Pinus strobus</i>	eastern white pine	S5
<i>Plantago major</i>	common plantain	SNA
<i>Platanthera aquilonis</i>	tall northern green orchid	S4
<i>Poa alsodes</i>	grove blue grass	S4
<i>Poa compressa</i>	Canada blue grass	SNA
<i>Poa nemoralis</i>	wood blue grass	SNA
<i>Poa palustris</i>	fowl blue grass	S5
<i>Poa pratensis</i>	Kentucky blue grass	S5
<i>Polygala senega</i>	seneca snakeroot	S2
<i>Polygonum cilinode</i>	fringed black bindweed	S5
<i>Polygonum cuspidatum</i>	Japanese knotweed	SNA
<i>Polygonum punctatum</i>	dotted smartweed	S3
<i>Polygonum sagittatum</i>	arrow-leaved smartweed	S5
<i>Polypodium virginianum</i>	rock polypody	S5
<i>Polystichum acrostichoides</i>	Christmas fern	S5

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Scientific Name	Common Name	AC CDC S-Rank ¹
<i>Populus alba</i>	white poplar	SNA
<i>Populus balsamifera</i>	balsam poplar	S5
<i>Populus grandidentata</i>	large-toothed aspen	S5
<i>Populus tremuloides</i>	trembling aspen	S5
<i>Potamogeton sp.</i>	a pondweed	#N/A
<i>Potentilla norvegica</i>	rough cinquefoil	S5
<i>Potentilla recta</i>	sulphur cinquefoil	SNA
<i>Potentilla simplex</i>	old field cinquefoil	S5
<i>Prenanthes trifoliolata</i>	three-leaved rattlesnakeroot	S5
<i>Prunella vulgaris</i>	common self-heal	S5
<i>Prunus pensylvanica</i>	pin cherry	S5
<i>Prunus serotina</i>	black cherry	S5
<i>Prunus virginiana</i>	chokecherry	S5
<i>Pyrola asarifolia</i>	pink pyrola	S5
<i>Pyrola elliptica</i>	shinleaf	S5
<i>Quercus rubra</i>	northern red oak	S5
<i>Ranunculus abortivus</i>	kidney-leaved buttercup	S5
<i>Ranunculus acris</i>	common buttercup	SNA
<i>Ranunculus hispidus</i>	bristly buttercup	S4S5
<i>Ranunculus recurvatus</i>	hooked buttercup	S4
<i>Ranunculus repens</i>	creeping buttercup	SNA
<i>Rhinanthus minor</i>	little yellow rattle	SNA
<i>Rhinanthus minor ssp. minor</i>	little yellow rattle	SNA
<i>Rhus typhina</i>	staghorn sumac	S5
<i>Ribes americanum</i>	wild black currant	S4
<i>Ribes glandulosum</i>	skunk currant	S5
<i>Ribes hirtellum</i>	smooth gooseberry	S5
<i>Ribes lacustre</i>	bristly black currant	S5

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Table D.2 Vascular Plant Species Observed in the PDA and Surrounding Areas

Scientific Name	Common Name	AC CDC S-Rank ¹
<i>Rorippa palustris</i>	bog yellowcress	S5
<i>Rosa blanda</i>	smooth rose	S5
<i>Rubus allegheniensis</i>	allegheny blackberry	S5
<i>Rubus hispida</i>	bristly dewberry	S5
<i>Rubus idaeus</i>	red raspberry	S5
<i>Rubus pubescens</i>	dwarf red raspberry	S5
<i>Rudbeckia hirta</i>	black-eyed susan	SNA
<i>Rumex acetosella</i>	sheep sorrel	SNA
<i>Rumex crispus</i>	curled dock	SNA
<i>Rumex obtusifolius</i>	bitter dock	SNA
<i>Salix alba</i>	white willow	SNA
<i>Salix bebbiana</i>	Bebb's willow	S5
<i>Salix discolor</i>	pussy willow	S5
<i>Salix eriocephala</i>	cottony willow	S5
<i>Salix humilis</i>	upland willow	S5
<i>Salix lucida</i>	shining willow	S5
<i>Sambucus racemosa</i>	red elderberry	S5
<i>Sanguinaria canadensis</i>	bloodroot	S4
<i>Sarracenia purpurea</i>	northern pitcher plant	S5
<i>Schizachne purpurascens</i>	purple oat grass	S4S5
<i>Schoenoplectus tabernaemontani</i>	soft-stemmed bulrush	S5
<i>Scirpus atrocinctus</i>	black-girdled bulrush	S5
<i>Scirpus hattorianus</i>	mosquito bulrush	S5
<i>Scirpus microcarpus</i>	small-fruited bulrush	S5
<i>Scutellaria galericulata</i>	marsh skullcap	S5
<i>Sedum album</i>	white stonecrop	SNA
<i>Senecio vulgaris</i>	common ragwort	SNA
<i>Silene vulgaris</i>	bladder campion	SNA

ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGISTRATION FOR THE INTERNATIONAL POWER LINE PROJECT: WOODSTOCK TO HOULTON, MAINE (TRANSMISSION LINE 0155)

July 26, 2017

Table D.2 Vascular Plant Species Observed in the PDA and Surrounding Areas

Scientific Name	Common Name	AC CDC S-Rank ¹
<i>Sisyrinchium montanum</i>	mountain blue-eyed-grass	S5
<i>Smilax herbacea</i>	herbaceous carrion flower	S4
<i>Solanum dulcamara</i>	bittersweet nightshade	SNA
<i>Solidago flexicaulis</i>	zigzag goldenrod	S5
<i>Solidago gigantea</i>	giant goldenrod	S5
<i>Solidago juncea</i>	early goldenrod	S5
<i>Solidago puberula</i>	downy goldenrod	S5
<i>Solidago rugosa</i>	rough-stemmed goldenrod	S5
<i>Solidago uliginosa</i>	northern bog goldenrod	S5
<i>Sonchus arvensis</i>	field sow thistle	SNA
<i>Sorbaria sorbifolia</i>	false spiraea	SNA
<i>Sorbus americana</i>	American mountain ash	S5
<i>Sorbus aucuparia</i>	European mountain ash	SNA
<i>Sparganium emersum</i>	green-fruited burreed	S5
<i>Spiraea alba</i>	white meadowsweet	S5
<i>Spiranthes lacera</i>	slender ladies'-tresses	S5
<i>Stellaria graminea</i>	little starwort	SNA
<i>Streptopus amplexifolius</i>	clasping-leaved twisted-stalk	S5
<i>Streptopus lanceolatus</i>	rose twisted-stalk	S5
<i>Symphyotrichum cordifolium</i>	heart-leaved aster	S5
<i>Symphyotrichum lanceolatum</i>	lance-leaved aster	S5
<i>Symphyotrichum lateriflorum</i>	calico aster	S5
<i>Symphyotrichum novi-belgii</i>	New York aster	S5
<i>Symphyotrichum puniceum</i>	purple-stemmed aster	S5
<i>Tanacetum vulgare</i>	common tansy	SNA
<i>Taraxacum officinale</i>	common dandelion	SNA
<i>Taxus canadensis</i>	Canada yew	S5
<i>Thalictrum pubescens</i>	tall meadow-rue	S5

ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGISTRATION FOR THE INTERNATIONAL POWER LINE PROJECT: WOODSTOCK TO HOULTON, MAINE (TRANSMISSION LINE 0155)

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Table D.2 Vascular Plant Species Observed in the PDA and Surrounding Areas

Scientific Name	Common Name	AC CDC S-Rank ¹
<i>Thelypteris noveboracensis</i>	New York fern	S5
<i>Thelypteris palustris</i>	eastern marsh fern	S5
<i>Tiarella cordifolia</i>	heart-leaved foamflower	S4
<i>Tilia americana</i>	white basswood	S4
<i>Toxicodendron rydbergii</i>	northern poison oak	S5
<i>Tragopogon pratensis</i>	meadow goatsbeard	SNA
<i>Trientalis borealis</i>	northern starflower	S5
<i>Trifolium campestre</i>	low hop clover	SNA
<i>Trifolium pratense</i>	red clover	SNA
<i>Trifolium repens</i>	white clover	SNA
<i>Trillium erectum</i>	red trillium	S5
<i>Trillium undulatum</i>	painted trillium	S5
<i>Triosteum aurantiacum</i>	orange-fruited tinker's weed	S2
<i>Tsuga canadensis</i>	eastern hemlock	S5
<i>Tussilago farfara</i>	coltsfoot	SNA
<i>Typha angustifolia</i>	narrow-leaved cattail	S5
<i>Typha latifolia</i>	broad-leaved cattail	S5
<i>Ulmus americana</i>	white elm	S4
<i>Uvularia sessilifolia</i>	sessile-leaved bellwort	S5
<i>Vaccinium angustifolium</i>	late lowbush blueberry	S5
<i>Vaccinium myrtilloides</i>	velvet-leaved blueberry	S5
<i>Veratrum viride</i>	green false hellebore	S4
<i>Verbascum thapsus</i>	common mullein	SNA
<i>Verbena hastata</i>	blue vervain	S4
<i>Veronica chamaedrys</i>	germander speedwell	SNA
<i>Veronica serpyllifolia</i>	thyme-leaved speedwell	SNA
<i>Viburnum lantanoides</i>	hobblebush	S5
<i>Viburnum nudum</i>	northern wild raisin	S5

ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGISTRATION FOR THE INTERNATIONAL POWER LINE PROJECT: WOODSTOCK TO HOULTON, MAINE (TRANSMISSION LINE 0155)

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Table D.2 Vascular Plant Species Observed in the PDA and Surrounding Areas

Scientific Name	Common Name	AC CDC S-Rank ¹
<i>Viburnum opulus</i>	highbush cranberry	S4
<i>Vicia cracca</i>	tufted vetch	SNA
<i>Viola labradorica</i>	Labrador violet	S4S5
<i>Viola pubescens</i>	downy yellow violet	S4S5
<i>Viola sororia</i>	woolly blue violet	S5
<i>Vitis riparia</i>	riverbank grape	S4
<p>Note: Species at Risk (SAR) and Species of Conservation Concern (SOCC) are presented in bold text.</p> <p>¹ S1 = critically imperiled, S2 = imperiled, S3 = vulnerable, S4 = apparently secure, S5 = secure, SNA = not applicable (typically exotic species) (AC CDC 2017)</p>		

**ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGISTRATION FOR THE INTERNATIONAL POWER LINE
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ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGISTRATION FOR THE INTERNATIONAL POWER LINE PROJECT: WOODSTOCK TO HOULTON, MAINE (TRANSMISSION LINE 0155)

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Table D.2 Results of Assessment of Known Butternut Trees Within and Near the PDA

Tree number	Age Class	Height (m)	Condition	Crown Remaining (%)	Declining (Y/N)	Canker Evident (Y/N)	Within PDA (Y/N)
1	Immature	14	Moderate-Poor	50	Y	Y	Y
2	Mature	16	Fair	75	Y	Y	Y
3	Young	5	Fair	70	Y	Y	N
4	Immature	13	Fair	80	Y	Y	Y
5	Immature	12	Good	80	N	Y	Y
6	Immature	14	Fair	70	Y	Y	Y
7	Immature	9	Fair	90	Y	Y	Y
8	Immature	12	Fair	85	Y	Y	Y
9	Immature	8	Fair	85	Y	Y	Y
10	Mature	15	Moderate	70	Y	Y	Y
11	Mature	13	Fair	80	Y	Y	Y
12	Sapling	2	Moderate	70	Y	Y	Y
13	Young	7	Moderate	70	Y	Y	N
14	Sapling	4	Moderate	80	Y	Y	N
15	Sapling	4	Fair	80	Y	Y	N
16	Sapling	4	Fair	80	Y	Y	N
17	Immature	11	Good	100	N	N	Y
18	Sapling	6	Moderate	80	Y	Y	Y

ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGISTRATION FOR THE INTERNATIONAL POWER LINE PROJECT: WOODSTOCK TO HOULTON, MAINE (TRANSMISSION LINE 0155)

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Table D.2 Results of Assessment of Known Butternut Trees Within and Near the PDA

Tree number	Age Class	Height (m)	Condition	Crown Remaining (%)	Declining (Y/N)	Canker Evident (Y/N)	Within PDA (Y/N)
19	Sapling	5	Fair	70	Y	Y	N
20	Overmature	17	Poor	35	Y	Y	Y
21	Young	6	Fair	85	Y	Y	N
22	Sapling	2	Fair	80	Y	Y	Y
23	Seedlings	1	Good	-	-	-	N
24	Young	7	Good	90	Y	Y	Y
25	Immature	11	Good	85	y	y	Y
26	Immature	12	Fair	80	Y	Y	Y
27	Sapling	8	Good	90	N	N	Y
28	Immature	13	Fair	85	Y	Y	Y
29	Immature	7	Good	90	Y	Y	Y
30	Immature	7	Good	90	N	N	Y
31	Sapling	8	Good	90	Y	Y	Y
32	Mature	13	Fair	70	Y	Y	Y
33	Mature	13	Fair	75	Y	Y	Y
34	Seedlings	1	Good	-	-	-	N
35	Immature	7	Fair	90	Y	Y	N
36	Sapling	4	Good	100	N	N	Y

ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGISTRATION FOR THE INTERNATIONAL POWER LINE PROJECT: WOODSTOCK TO HOULTON, MAINE (TRANSMISSION LINE 0155)

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Table D.2 Results of Assessment of Known Butternut Trees Within and Near the PDA

Tree number	Age Class	Height (m)	Condition	Crown Remaining (%)	Declining (Y/N)	Canker Evident (Y/N)	Within PDA (Y/N)
37	Sapling	5	Fair	85	Y	Y	Y
38	Overmature	14	Poor	45	Y	Y	N
Condition:		A qualitative assessment of the visual appearance of the health of the tree - a composite of the crown condition with evidence of disease (Good, Fair, Moderate, Poor, Dead)					
Crown Remaining:		An estimate of the percentage of the crown that is present relative to the same tree in perfect condition. Loss can be physical damage, herbivory, disease, or old age decline.					
Declining:		Does the tree appear to be in a state of decreasing health whether from disease, pest, disease or old age (average lifespan less than 80 years)?					
Canker Evident:		Is butternut canker visibly evident?					

ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGISTRATION FOR THE INTERNATIONAL POWER LINE PROJECT: WOODSTOCK TO HOULTON, MAINE (TRANSMISSION LINE 0155)

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Table D.3 Bird Species Observed near the LAA (AC CDC, CBC, MBBA, and Stantec Records)

Common Name	Scientific Name	SARA	COSEWIC	NB SARA	AC CDC S-Rank	Data Sources	Highest Breeding Status
Canada goose	<i>Branta canadensis</i>				S _{NAB} ,S _{5M}	CBC, Stantec	Possible
gadwall	<i>Anas strepera</i>				S_{2B},S_{3M}	AC CDC	N/A
American wigeon	<i>Anas americana</i>				S _{4B} ,S _{4S5M}	AC CDC	N/A
American black duck	<i>Anas rubripes</i>				S _{5B} ,S _{4N} ,S _{5M}	AC CDC, CBC	N/A
mallard	<i>Anas platyrhynchos</i>				S _{5B} ,S _{4N} ,S _{5M}	AC CDC, CBC, MBBA, Stantec	Probable
blue-winged teal	<i>Anas discors</i>				S _{4B} ,S _{4M}	AC CDC	N/A
ring-necked duck	<i>Aythya collaris</i>				S _{5B} ,S _{5M}	AC CDC, MBBA, Stantec	Possible
lesser scaup	<i>Aythya affinis</i>				S_{1B},S_{4M}	AC CDC	N/A
bufflehead	<i>Bucephala albeola</i>				S_{3M},S_{2N}	AC CDC	N/A
common goldeneye	<i>Bucephala clangula</i>				S _{4B} ,S _{5M} ,S _{4N}	AC CDC, CBC, MBBA	Possible
common merganser	<i>Mergus merganser</i>				S _{5B} ,S _{4N} ,S _{5M}	AC CDC, MBBA, Stantec	Confirmed
red-breasted merganser	<i>Mergus serrator</i>				S_{3B},S_{5M},S_{4S5N}	AC CDC	N/A
ring-necked pheasant	<i>Phasianus colchicus</i>				S _{NA}	AC CDC, CBC, MBBA	Possible
ruffed grouse	<i>Bonasa umbellus</i>				S ₅	AC CDC, CBC, MBBA, Stantec	Confirmed
spruce grouse	<i>Falciennis canadensis</i>				S ₅	AC CDC, MBBA	Possible
wild turkey	<i>Meleagris gallopavo</i>				S _{NA}	AC CDC, MBBA	Possible
horned grebe	<i>Podiceps auritus</i>	Schedule 1, <i>special concern</i>	<i>special concern</i>	<i>special concern</i>	S _{4N} ,S _{4M}	AC CDC	N/A
red-necked grebe	<i>Podiceps grisegena</i>		not at risk		S_{3M},S_{2N}	AC CDC	N/A
rock pigeon	<i>Columba livia</i>				S _{NA}	AC CDC, CBC	N/A
mourning dove	<i>Zenaida macroura</i>				S _{5B} ,S _{5M} ,S _{4N}	AC CDC, CBC, MBBA, Stantec	Probable
black-billed cuckoo	<i>Coccyzus erythrophthalmus</i>				S_{3B},S_{3M}	AC CDC, MBBA	Probable
common nighthawk	<i>Chordeiles minor</i>	Schedule 1, <i>threatened</i>	<i>threatened</i>	<i>threatened</i>	S _{3B} ,S _{4M}	AC CDC	N/A
chimney swift	<i>Chaetura pelagica</i>	Schedule 1, <i>threatened</i>	<i>threatened</i>	<i>threatened</i>	S _{2S3B} ,S _{2M}	AC CDC	N/A
ruby-throated hummingbird	<i>Archilochus colubris</i>				S _{5B} ,S _{5M}	AC CDC, MBBA, Stantec	Probable
killdeer	<i>Charadrius vociferus</i>				S_{3B},S_{3M}	AC CDC, MBBA, Stantec	Confirmed
semipalmated sandpiper	<i>Calidris pusilla</i>				S _{3S4M}	AC CDC	N/A
Wilson's snipe	<i>Gallinago delicata</i>				S _{3S4B} ,S _{5M}	AC CDC, MBBA	Possible

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Table D.3 Bird Species Observed near the LAA (AC CDC, CBC, MBBA, and Stantec Records)

Common Name	Scientific Name	SARA	COSEWIC	NB SARA	AC CDC S-Rank	Data Sources	Highest Breeding Status
American woodcock	<i>Scolopax minor</i>				S5B,S5M	AC CDC, Stantec	Possible
spotted sandpiper	<i>Actitis macularius</i>				S3S4B,S5M	AC CDC, MBBA	Probable
solitary sandpiper	<i>Tringa solitaria</i>				S2B,S5M	AC CDC, Stantec	Probable
ring-billed gull	<i>Larus delawarensis</i>				S3S4B,S5M	AC CDC, CBC	N/A
herring gull	<i>Larus argentatus</i>				S5	CBC	N/A
common tern	<i>Sterna hirundo</i>		not at risk		S3B,SUM	AC CDC	N/A
common loon	<i>Gavia immer</i>		not at risk		S4B,S4M,S4N	Stantec	N/A
American bittern	<i>Botaurus lentiginosus</i>				S4B,S4S5M	AC CDC, MBBA	Possible
great blue heron	<i>Ardea herodias</i>				S4B,S4M	Stantec	N/A
black-crowned night-heron	<i>Nycticorax nycticorax</i>				S1S2B,S1S2M	AC CDC	N/A
turkey vulture	<i>Cathartes aura</i>				S3B,S3M	AC CDC, Stantec	Observed
osprey	<i>Pandion haliaetus</i>				S4S5B,S5M	AC CDC, MBBA	Confirmed
bald eagle	<i>Haliaeetus leucocephalus</i>		not at risk	endangered	S4	AC CDC, CBC, MBBA, Stantec	Confirmed
northern harrier	<i>Circus cyaneus</i>		not at risk		S4B,S4S5M	AC CDC, CBC	N/A
sharp-shinned hawk	<i>Accipiter striatus</i>		not at risk		S4B,S5M	AC CDC	N/A
northern goshawk	<i>Accipiter gentilis</i>		not at risk		S4	AC CDC	N/A
red-shouldered hawk	<i>Buteo lineatus</i>		not at risk		S2B,S2M	AC CDC	N/A
broad-winged hawk	<i>Buteo platypterus</i>				S5B,S5M	AC CDC	N/A
red-tailed hawk	<i>Buteo jamaicensis</i>		not at risk		S4	AC CDC	N/A
great horned owl	<i>Bubo virginianus</i>				S4	AC CDC	N/A
snowy owl	<i>Bubo scandiacus</i>		not at risk		S1N,S2S3M	AC CDC	N/A
barred owl	<i>Strix varia</i>				S5	AC CDC, MBBA, Stantec	Confirmed
belted kingfisher	<i>Megaceryle alcyon</i>				S5B,S5M	AC CDC, MBBA	Probable
yellow-bellied sapsucker	<i>Sphyrapicus varius</i>				S5B,S5M	AC CDC, MBBA, Stantec	Confirmed
downy woodpecker	<i>Picoides pubescens</i>				S5	AC CDC, CBC, MBBA, Stantec	Possible
hairy woodpecker	<i>Picoides villosus</i>				S5	AC CDC	Possible
northern flicker	<i>Colaptes auratus</i>				S5B,S5M	AC CDC, MBBA, Stantec	Probable

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Table D.3 Bird Species Observed near the LAA (AC CDC, CBC, MBBA, and Stantec Records)

Common Name	Scientific Name	SARA	COSEWIC	NB SARA	AC CDC S-Rank	Data Sources	Highest Breeding Status
pileated woodpecker	<i>Dryocopus pileatus</i>				S5	AC CDC, CBC, MBBA, Stantec	Confirmed
American kestrel	<i>Falco sparverius</i>				S4B,S4S5M	AC CDC, MBBA	Possible
merlin	<i>Falco columbarius</i>				S5B,S5M	Stantec	Possible
olive-sided flycatcher	<i>Contopus cooperi</i>	Schedule 1, threatened	threatened	threatened	S3B,S3M	Stantec	Possible
eastern wood-pewee	<i>Contopus virens</i>	No schedule, no status	special concern	special concern	S4B,S4M	AC CDC, MBBA, Stantec	Possible
yellow-bellied flycatcher	<i>Empidonax flaviventris</i>				S4S5B,S5M	AC CDC, Stantec	Possible
alder flycatcher	<i>Empidonax alnorum</i>				S5B,S5M	AC CDC, MBBA, Stantec	Confirmed
least flycatcher	<i>Empidonax minimus</i>				S5B,S5M	AC CDC, MBBA	Possible
eastern phoebe	<i>Sayornis phoebe</i>				S5B,S5M	AC CDC, MBBA, Stantec	Probable
great crested flycatcher	<i>Myiarchus crinitus</i>				S2S3B,S2S3M	AC CDC	N/A
eastern kingbird	<i>Tyrannus tyrannus</i>				S3S4B,S3S4M	AC CDC, MBBA, Stantec	Confirmed
blue-headed vireo	<i>Vireo solitarius</i>				S5B,S5M	AC CDC, MBBA, Stantec	Confirmed
Philadelphia vireo	<i>Vireo philadelphicus</i>				S5B,S5M	AC CDC, MBBA	Possible
warbling vireo	<i>Vireo gilvus</i>				S3B,S3M	AC CDC	N/A
red-eyed vireo	<i>Vireo olivaceus</i>				S5B,S5M	AC CDC, MBBA, Stantec	Confirmed
gray jay	<i>Perisoreus canadensis</i>				S4	CBC, Stantec	Possible
blue jay	<i>Cyanocitta cristata</i>				S5	AC CDC, CBC, MBBA, Stantec	Confirmed
American crow	<i>Corvus brachyrhynchos</i>				S5	AC CDC, CBC, MBBA, Stantec	Possible
common raven	<i>Corvus corax</i>				S5	AC CDC, CBC, MBBA, Stantec	Probable
purple martin	<i>Progne subis</i>				S1B,S1M	AC CDC	N/A
tree swallow	<i>Tachycineta bicolor</i>				S4B,S4M	AC CDC, MBBA, Stantec	Confirmed
northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>				S1S2B,S1S2M	AC CDC	N/A
bank swallow	<i>Riparia riparia</i>	No schedule, no status	threatened		S2S3B,S2S3M	AC CDC, MBBA	Probable
cliff swallow	<i>Petrochelidon pyrrhonota</i>				S2S3B,S2S3M	AC CDC, MBBA	Possible
barn swallow	<i>Hirundo rustica</i>	No schedule, no status	threatened	threatened	S2B,S2M	AC CDC, MBBA	Confirmed
black-capped chickadee	<i>Poecile atricapillus</i>				S5	AC CDC, CBC, MBBA, Stantec	Confirmed
boreal chickadee	<i>Poecile hudsonicus</i>				S4	AC CDC, MBBA	Possible

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Table D.3 Bird Species Observed near the LAA (AC CDC, CBC, MBBA, and Stantec Records)

Common Name	Scientific Name	SARA	COSEWIC	NB SARA	AC CDC S-Rank	Data Sources	Highest Breeding Status
red-breasted nuthatch	<i>Sitta canadensis</i>				S5	AC CDC, CBC, MBBA, Stantec	Confirmed
white-breasted nuthatch	<i>Sitta carolinensis</i>				S4	AC CDC, CBC, MBBA, Stantec	Possible
brown creeper	<i>Certhia americana</i>				S5	AC CDC, MBBA, Stantec	Possible
winter wren	<i>Troglodytes hiemalis</i>				S5B,S5M	AC CDC, MBBA, Stantec	Possible
Carolina wren	<i>Thryothorus ludovicianus</i>				S1B,S1M	AC CDC	N/A
golden-crowned kinglet	<i>Regulus satrapa</i>				S5	AC CDC, MBBA, Stantec	Possible
ruby-crowned kinglet	<i>Regulus calendula</i>				S4B,S5M	AC CDC, MBBA, Stantec	Possible
eastern bluebird	<i>Sialia sialis</i>		not at risk		S4B,S4M	AC CDC	N/A
veery	<i>Catharus fuscescens</i>				S4B,S4M	AC CDC, MBBA, Stantec	Possible
Swainson's thrush	<i>Catharus ustulatus</i>				S5B,S5M	AC CDC, MBBA, Stantec	Confirmed
hermit thrush	<i>Catharus guttatus</i>				S5B,S5M	AC CDC, MBBA, Stantec	Confirmed
wood thrush	<i>Hylocichla mustelina</i>	No schedule, no status	threatened	threatened	S1S2B,S1S2M	AC CDC, Stantec	Possible
American robin	<i>Turdus migratorius</i>				S5B,S5M	AC CDC, CBC, MBBA, Stantec	Confirmed
gray catbird	<i>Dumetella carolinensis</i>				S4B,S4M	AC CDC, MBBA, Stantec	Probable
brown thrasher	<i>Toxostoma rufum</i>				S2B,S2M	AC CDC	N/A
northern mockingbird	<i>Mimus polyglottos</i>				S2B,S2M	AC CDC	N/A
European starling	<i>Sturnus vulgaris</i>				SNA	AC CDC, CBC, MBBA	Confirmed
bohemian waxwing	<i>Bombycilla garrulus</i>				S5N,S5M	CBC	N/A
cedar waxwing	<i>Bombycilla cedrorum</i>				S5B,S5M	AC CDC, CBC, MBBA, Stantec	Probable
house sparrow	<i>Passer domesticus</i>				SNA	AC CDC, MBBA	Possible
pine grosbeak	<i>Pinicola enucleator</i>				S2B,S4S5N,S4S5M	AC CDC, MBBA	Possible
purple finch	<i>Haemorhous purpureus</i>				S4S5B,SUN,S5M	AC CDC, CBC, MBBA, Stantec	Possible
red crossbill	<i>Loxia curvirostra</i>				S3	AC CDC	N/A
white-winged crossbill	<i>Loxia leucoptera</i>				S5	AC CDC	N/A
pine siskin	<i>Spinus pinus</i>				S3	AC CDC, CBC, Stantec	Possible
American goldfinch	<i>Spinus tristis</i>				S5	AC CDC, CBC, MBBA, Stantec	Probable
evening grosbeak	<i>Coccothraustes vespertinus</i>				S3B,S3S4N,SUM	AC CDC, CBC, MBBA, Stantec	Possible

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Table D.3 Bird Species Observed near the LAA (AC CDC, CBC, MBBA, and Stantec Records)

Common Name	Scientific Name	SARA	COSEWIC	NB SARA	AC CDC S-Rank	Data Sources	Highest Breeding Status
ovenbird	<i>Seiurus aurocapilla</i>				S5B,S5M	AC CDC, MBBA, Stantec	Confirmed
northern waterthrush	<i>Parkesia noveboracensis</i>				S4B,S5M	AC CDC, Stantec	Possible
black-and-white warbler	<i>Mniotilta varia</i>				S5B,S5M	AC CDC, MBBA, Stantec	Confirmed
Tennessee warbler	<i>Oreothlypis peregrina</i>				S4B,S5M	AC CDC	N/A
nashville warbler	<i>Oreothlypis ruficapilla</i>				S5B,S5M	AC CDC, MBBA, Stantec	Confirmed
mourning warbler	<i>Geothlypis philadelphia</i>				S4B,S5M	AC CDC	N/A
common yellowthroat	<i>Geothlypis trichas</i>				S5B,S5M	AC CDC, MBBA, Stantec	Probable
American redstart	<i>Setophaga ruticilla</i>				S5B,S5M	AC CDC, MBBA, Stantec	Probable
Cape May warbler	<i>Setophaga tigrina</i>				S3B,S4S5M	AC CDC, MBBA	Possible
northern parula	<i>Setophaga americana</i>				S5B,S5M	AC CDC, MBBA, Stantec	Possible
magnolia warbler	<i>Setophaga magnolia</i>				S5B,S5M	AC CDC, MBBA, Stantec	Confirmed
bay-breasted warbler	<i>Setophaga castanea</i>				S4B,S4S5M	AC CDC, MBBA	Possible
blackburnian warbler	<i>Setophaga fusca</i>				S5B,S5M	AC CDC, MBBA	Possible
yellow warbler	<i>Setophaga petechia</i>				S5B,S5M	AC CDC, MBBA, Stantec	Probable
chestnut-sided warbler	<i>Setophaga pensylvanica</i>				S5B,S5M	AC CDC, MBBA, Stantec	Possible
black-throated blue warbler	<i>Setophaga caerulescens</i>				S5B,S5M	AC CDC, MBBA, Stantec	Possible
palm warbler	<i>Setophaga palmarum</i>				S5B,S5M	AC CDC, MBBA	Confirmed
yellow-rumped warbler	<i>Setophaga coronata</i>				S5B,S5M	AC CDC, MBBA	Possible
black-throated green warbler	<i>Setophaga virens</i>				S5B,S5M	AC CDC, MBBA, Stantec	Confirmed
Canada warbler	<i>Cardellina canadensis</i>	Schedule 1, threatened	threatened	threatened	S3B,S3M	AC CDC, MBBA, Stantec	Probable
Wilson's warbler	<i>Cardellina pusilla</i>				S4B,S5M	AC CDC	N/A
American tree sparrow	<i>Spizelloides arborea</i>				S5N,S5M	CBC	N/A
chipping sparrow	<i>Spizella passerina</i>				S5B,S5M	AC CDC, MBBA, Stantec	Confirmed
vesper sparrow	<i>Pooecetes gramineus</i>				S2B,S2M	AC CDC	N/A
savannah sparrow	<i>Passerculus sandwichensis</i>				S4S5B,S5M	AC CDC, MBBA, Stantec	Confirmed
song sparrow	<i>Melospiza melodia</i>				S5B,S5M	AC CDC, MBBA, Stantec	Confirmed
Lincoln's sparrow	<i>Melospiza lincolni</i>				S4B,S5M	AC CDC, MBBA	Possible

July 26, 2017

Table D.3 Bird Species Observed near the LAA (AC CDC, CBC, MBBA, and Stantec Records)

Common Name	Scientific Name	SARA	COSEWIC	NB SARA	AC CDC S-Rank	Data Sources	Highest Breeding Status
swamp sparrow	<i>Melospiza georgiana</i>				S5B,S5M	AC CDC	N/A
white-throated sparrow	<i>Zonotrichia albicollis</i>				S5B,S5M	AC CDC, MBBA, Stantec	Possible
dark-eyed junco	<i>Junco hyemalis</i>				S5	AC CDC, CBC, Stantec	Possible
scarlet tanager	<i>Piranga olivacea</i>				S3B,S3M	AC CDC, MBBA	Possible
northern cardinal	<i>Cardinalis cardinalis</i>				S4	AC CDC, CBC, MBBA, Stantec	Probable
rose-breasted grosbeak	<i>Pheucticus ludovicianus</i>				S4B,S4M	AC CDC, MBBA, Stantec	Probable
indigo bunting	<i>Passerina cyanea</i>				S3B,S3M	AC CDC, MBBA	Probable
bobolink	<i>Dolichonyx oryzivorus</i>	Schedule 1, threatened	threatened	threatened	S3B,S3M	AC CDC, MBBA, Stantec	Confirmed
red-winged blackbird	<i>Agelaius phoeniceus</i>				S4B,S4M	AC CDC, MBBA, Stantec	Confirmed
rusty blackbird	<i>Euphagus carolinus</i>	Schedule 1, special concern	special concern	special concern	S3B,S3M	AC CDC	N/A
common grackle	<i>Quiscalus quiscula</i>				S5B,S5M	AC CDC, CBC, MBBA, Stantec	Confirmed
brown-headed cowbird	<i>Molothrus ater</i>				S3B,S3M	AC CDC	N/A
Baltimore oriole	<i>Icterus galbula</i>				S3B,S3M	AC CDC, MBBA	Possible

Note: Species at Risk (SAR) and Species of Conservation Concern (SOCC) are presented in bold text.

¹ S1 = critically imperiled, S2 = imperiled, S3 = vulnerable, S4 = apparently secure, S5 = secure, and SNA = not applicable. S#S# = range rank, i.e., the status is uncertain but between two listed ranks (AC CDC 2017)