Unit 23

LGL

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☒ Terrestrial ☐ Wetland ☐ Aquatic	☐ Organic ☒ Mineral Soil ☐ Parent Mineral ☐ Acidic Bedrock ☐ Basic Bedrock ☐ Carbonate Bedrock	☐ Lacustrine ☐ Riverine ☐ Bottomland ☐ Terrace ☐ Valley Slope ☒ Tableland ☐ Rolling Upland ☐ Cliff ☐ Talus ☐ Crevice/Cave ☐ Alvar ☐ Rockland ☐ Beach/Bar ☐ Sand Dune ☐ Bluff	☐ Open ☐ Shrub ☐ Treed	☐ Lake ☐ Pond ☐ River ☐ Stream ☐ Marsh ☐ Swamp ☐ Fen ☐ Bog ☐ Barren ☐ Meadow ☐ Prairie ☐ Thicket ☐ Savannah ☒ Woodland ☐ Forest ☐ Plantation

Site
☐ Open Water
☐ Shallow Water
☒ Surficial Deposits
☐ Bedrock

Plant Form
☐ Plankton
☐ Submerged
☐ Floating/Leaved
☐ Graminoid
☐ Forb
☐ Lichen
☐ Bryophyte
☒ Coniferous
☐ Mixed
☐ Deciduous

History
☐ Natural
☐ Semi-natural
☒ Cultural

DISTURBANCE NOTES

STAND DESCRIPTION

	Layer	HT	CVR	Species Dominance
1	Canopy			
2	Sub-canopy			
3	Understorey			
4	Ground Cover			

HT Codes: 1 = >25m; 2 = 10<HT≤25m; 3 = 2<HT≤10m; 4 = 1<HT≤2m; 5 = 0.5<HT≤1m; 6 = 0.2<HT≤0.5m
CVR Codes: 0 = none; 1 = 0<CVR≤10%; 2 = 10<CVR≤25%; 3 = 25<CVR≤60%; 4 = >60%

Stand Composition:					BA:
Size Class Analysis	D	<10 cm	10-24 cm	25-50 cm	>50 cm
Standing Snags		<10 cm	10-24 cm	25-50 cm	>50 cm
Deadfall/Logs		<10 cm	10-24 cm	25-50 cm	>50 cm

N=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	g=	G=
Moisture	Depth of Organics:		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion:
Series	
Ecosite	Complex:
Type	

LGL

ELC Assessment	Site: East Durham	Polygon: CUW1	Surveyors:
	TAN: 8119	Date: AUG 31/11	JCN/VLK

Layers: 1 = canopy; 2 = sub-canopy; 3 = understorey (saplings and shrubs); 4 = ground cover

Abundance Codes: R = rare; O = occasional; A = abundant; D = dominant

Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4
ANTARGL										PHLPRAT				R
ASTCORD														
ALE VIRG														
ASTNOVA				R						RANACRI				R
ACHMILL				R						RHACATH			R	R
ASTERIC				O	CARLARI	R								
ALESASA		R			LOTCORN									
PANCANA										SOLRUGO				O
ASC SYRI										SOLNEMO				O
CONNIGR				D	MALMOST				R	SMLALTA				R
CARGRAN				A	MELMBA					SIL VULG				
CRATAEGUS sp.			R											
CENMAUV										THUOCI	A		A	R
DAUCARO				O						TRIPRAT				A
DACGLOM				R						TILAMER	R			R
DANGRIC				D	OENBIEN				R					
ELM VULG				D	POACOMP									
EUTGRAM				R	RINSYLV	A								
ERISTRI				R	PLALANC				O					
ERA VIRG				A	PRUVULG	O			R					
CARLEUC					PORTRUM	R								
CLL VULG					PRUVIRG				R					
CIRARVE					PICGLAU	R				VICCRA				
					PINSTRO	R				VARIPA				
					PHLPRAT					VERTHAP				
AMPBREF				R	POTRECT					VIOPUBE				
ALECHES				O	PLAMAJO									

Note: Number in circle indicates sample number of sample taken.

- areas of exposed rock/gravel
- EDU 1062
- scattered trees 3-8m tall
- trees less than 10cm
- Photo 1, 2, 4, 5
- community drops off towards rail line

Unit 31

LGL

ELC Assessment	Site: East Durham	Polygon: FOD5-8	Surveyors: JCN
	TAR: SILG	Date: Sept 1/11	

Layer: 1 = canopy >25m; 2 = sub-canopy; 3 = understorey (saplings and shrubs); 4 = ground cover

Abundance Codes: R = rare; O = occasional; A = abundant; D = dominant

Species Code	Layer 1	Layer 2	Layer 3	Layer 4	Species Code	Layer 1	Layer 2	Layer 3	Layer 4	Species Code	Layer 1	Layer 2	Layer 3	Layer 4
ACESASA					ATH FELX									
ACTRUBR					AST LATE									
ANEACU					[redacted]									
ARCMINU										RUBIDAE				
ARGGRIP										RIBCYNO				
ASACANA										RANACRI				
ANEANU										RUBALE				
ARITRIP										SOLCANA				
CLEVIRG										STRAMPL				
CARPLAN					MAIRALE					SAMRUBE				
CAUTHAL														
CARRENS										TSUCANA				
CORPLTI										TIECORD				
CARARCT										TAROFFI				
CARPLAN					ONOSENS					TILAMER				
					OSTVIRG					TRIGRAN				
ERFAMER					OXASTRI					TRIERECT				
					PORTRUN					ULMAMER				
					PRUVIRG									
FRAAMER					PRUSERO									
FRAVIRG					PARINSE									
FAGGRAN					PRUVULG									
GERROBE										VIOPUBE				
GEUCANA										VIOSORO				
										VEROFFI				
HYDVIRG										VITRIPA				
										NERURTI				

Note: Number in circle indicates sample number of sample taken

- Forest managed,
- lots of young trees + cut stumps
- lots of gaps in canopy

LGL

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☒ Terrestrial	☐ Organic	☐ Lacustrine	☐ Open	☐ Lake
☐ Wetland	☐ Mineral Soil	☐ Riverine	☐ Shrub	☐ Pond
☐ Aquatic	☒ Parent Mineral	☐ Bottomland	☐ Treed	☐ Kettle
Site	☐ Acidic Bedrock	☐ Terrace	**Plant Form**	☐ Stream
☐ Open Water	☐ Basic Bedrock	☒ Valley Slope	☐ Plankton	☐ Marsh
☐ Shallow Water	☐ Carbonate Bedrock	☒ Tableland	☐ Submerged	☐ Swamp
☒ Surficial Deposits		☐ Rolling Upland	☐ Floating-leaved	☐ Fen
☐ Bedrock		☐ Cliff	☐ Graminoid	☐ Bog
History		☐ Talus	☐ Forb	☐ Barren
☒ Natural		☐ Crevice/Cave	☐ Lichen	☐ Meadow
☐ Semi-natural		☐ Alvar	☐ Bryophyte	☐ Prairie
☐ Cultural		☐ Rockland	☐ Coniferous	☐ Thicket
		☐ Beach/Bar	☐ Mixed	☐ Savannah
		☐ Sand Dune	☒ Deciduous	☐ Woodland
		☐ Bluff		☒ Forest
				☐ Plantation

DISTURBANCE NOTES

STAND DESCRIPTION

	Layer	HT	CVR	Species Dominance
1	Canopy	2	4	ACESASA FRAAMER
2	Sub-canopy			
3	Understorey		3	
4	Ground Cover		2	

HT Codes: 1 = >25m; 2 = 10<HT≤25m; 3 = 2<HT≤10m; 4 = 1<HT≤2m; 5 = 0.5<HT≤1m; 6 = 0.2<HT≤0.5m

CVR Codes: 0 = none; 1 = 0<CVR≤10%; 2 = 10<CVR≤25%; 3 = 25<CVR≤50%; 4 = >50%

Stand Composition:					BA:
Size Class Analysis	<10 cm	10-24 cm	O	25-50 cm	R	>50 cm
Standing Snags	<10 cm	10-24 cm		25-50 cm		>50 cm
Deadfall/Logs	<10 cm	10-24 cm		25-50 cm		>50 cm

N=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	X Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	5"	G=
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class:	Inclusion:
Series:	
Ecosite:	Complex:
Type:	

Unit 36

LGL

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☒ Terrestrial	☐ Organic	☐ Lacustrine	☐ Open	☐ Lake
☐ Wetland	☐ Mineral Soil	☐ Riverine	☐ Shrub	☐ Pond
☐ Aquatic	☒ Parent Mineral	☐ Bottomland	☒ Treed	☐ River
Site	☐ Acidic Bedrock	☐ Terrace	**Plant Form**	☐ Stream
☐ Open Water	☐ Basic Bedrock	☒ Valley Slope	☐ Plankton	☐ Marsh
☐ Shallow Water	☐ Carbonate Bedrock	☒ Tableland	☐ Submerged	☐ Swamp
☒ Surficial Deposits		☐ Rolling Upland	☐ Floating-leaved	☐ Fen
☐ Bedrock		☐ Cliff	☐ Graminoid	☐ Bog
History		☐ Talus	☐ Fern	☐ Barren
☒ Natural		☐ Crevice/Cave	☐ Lichen	☐ Meadow
☐ Semi-natural		☐ Alvar	☐ Bryophyte	☐ Prairie
☐ Cultural		☐ Rockland	☐ Coniferous	☐ Thicket
		☐ Beach/Bar	☐ Mixed	☐ Savannah
		☐ Sand Dune	☒ Deciduous	☐ Woodland
		☐ Bluff		☒ Forest
				☐ Plantation

DISTURBANCE NOTES

STAND DESCRIPTION

	Layer	HT	CVR	Species Dominance
1	Canopy	1/2	6	ACESASA FRAAMER
2	Sub-canopy			OSTVIRG
3	Understorey		3	PRUVIRG FRAAMER
4	Ground Cover	6	2	ALLTRI ERYAMER

HT Codes: 1 = >25m 2 = 10<HT≤25m 3 = 2<HT≤10m 4 = 1<HT≤2m 5 = 0.5<HT≤1m 6 = 0.2<HT≤0.5m
CVR Codes: 0 = none 1 = 0<CVR≤10% 2 = 10<CVR≤25% 3 = 25<CVR≤50% 4 = >50%

Stand Composition:							BA:
Size Class Analysis		<10 cm		10-24 cm		25-50 cm	>50 cm
Standing Snags		<10 cm		10-24 cm		25-50 cm	>50 cm
Deadfall/Logs		<10 cm	A	10-24 cm		25-50 cm	>50 cm

N=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	Mid-age	☒ Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	F	G=
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion:
Series	
Ecosite	Complex:
Type	

LGL

ELC Assessment	Site: East Durham	Polygon: FOD5-8	Surveyors: JCW
	TA#: B10	Date: Apr 28/11	

Layer: 1 = canopy 2 = sub-canopy 3 = understorey (saplings and shrubs) 4 = ground cover

Abundance Codes: R = rare O = occasional A = abundant D = dominant

Species Code	Layer 1	Layer 2	Layer 3	Layer 4	Species Code	Layer 1	Layer 2	Layer 3	Layer 4	Species Code	Layer 1	Layer 2	Layer 3	Layer 4
ACESASA	D	A	A											
ANEACUT				R										
ALLTRIC				O	[redacted]									
AGACANA				O						RIBCYNO			O	
ABIBALS				R						RANACRI				R
ARCMINU					LONTATA			R		ROSIDAE			O	
AGRGRIP					LINVULG									
ANDPEDA					LAPCANA					SORAMER				
CARDIOP				R	LAMALBU									
CANTRAL				O						TRIAURE				
CARPENS				O						TUSFARF				
CRAPUNC		R								TRIEREC				R
CORALTI			D							TAROFFI				
DRYOPTBOS				R						TILAMER				
										THUOCC				R
					OSTVIRG		A			TRIGRAN				O
ERYAMER				A	ONOSENS					TSUCANA	R			R
ERIPHIL					PRUVIRG			A		ULMAMER	R			
					PRUSERO	A	R			—				
FAGGRAN	R				PYRCOMM		R			ASTLANCE				
FRAAMER	R		O		ROPTROM					APOANDR				
FRAVIRG										VITRIPA				
GERROBE				R						VIO SP				R
										VER OFFI				
										ACTPACH				
HYDVIRG										ASTLATE				
										ASCSYRI				

Note: Number in circle indicates sample number of sample taken.

- EDU 1043
- selective logging has occurred
- maples have canker
- photo 67 of Forest facing H1

[redacted]

unit 38

LGL

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☐ Terrestrial ☐ Wetland ☐ Aquatic	☐ Organic ☐ Mineral Soil ☐ Parent Mineral ☐ Acidic Bedrock ☐ Basic Bedrock ☐ Carbonate Bedrock	☐ Lacustrine ☐ Riverine ☐ Bottomland ☐ Terrace ☐ Valley Slope ☐ Tableland ☐ Rolling Upland ☐ Cliff ☐ Talus ☐ Crevice/Cave ☐ Alvar ☐ Rockland ☐ Beach Bar ☐ Sand Dune ☐ Bluff	☐ Open ☐ Shrub ☐ Treed	☐ Lake ☐ Pond ☐ River ☐ Stream ☐ Marsh ☐ Swamp ☐ Fen ☐ Bog ☐ Barren ☐ Meadow ☐ Prairie ☐ Thicket ☐ Savannah ☐ Woodland ☐ Forest ☐ Plantation

Site
☐ Open Water
☐ Shallow Water
☐ Surficial Deposits
☐ Bedrock

Plant Form
☐ Plankton
☐ Submerged
☐ Floating-leaved
☐ Graminoid
☐ Forb
☐ Lichen
☐ Bryophyte
☐ Coniferous
☐ Mixed
☐ Deciduous

History
☐ Natural
☐ Semi-natural
☐ Cultural

DISTURBANCE NOTES

STAND DESCRIPTION

	Layer	HT	CVR	Species Dominance
1	Canopy	3	1	POPGRAS >> FRAPEN
2	Sub-canopy			
3	Understorey	4	3	CORSERI
4	Ground Cover	6	2	ONOSEN

HT Codes: 1 = >25m 2 = 10<HT≤25m 3 = 2<HT≤10m 4 = 1<HT≤2m 5 = 0.5<HT≤1m 6 = 0.2<HT≤0.5m
CVR Codes: 0 = none 1 = 0<CVR≤10% 2 = 10<CVR≤25% 3 = 25<CVR≤50% 4 = >50%

Stand Composition					BA
Size Class Analysis	<10 cm	10-24 cm	25-50 cm	>50 cm	
Standing Snags	<10 cm	10-24 cm	25-50 cm	>50 cm	
Deadfall/Logs	<10 cm	10-24 cm	25-50 cm	>50 cm	

N=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	g=	G=
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion
Series	
Ecosite	Complex
Type	

LGL

ELC Assessment	Site: East Durham TA#: 2119	Polygon: SUST 2-5 Date: April 28/11	Surveyors: JCN

Layer: 1 = canopy (>10m) 2 = sub-canopy 3 = understorey (saplings and shrubs) 4 = ground cover
Abundance Codes: R = rare O = occasional A = abundant D = dominant

Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4
					LEM MIND									
										SALPET			O	
CORSERI			D											
					ONOSENS									
					POPGRAS O									
					PHAARUN									
FRAPENN	R													

Note: Number in circle indicates sample number of sample taken

- pond contains water
- centre has willow shrubs
- algae in pond - no visible herbacious plants in pond

Unit 40

LGL

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☐ Terrestrial ☒ Wetland ☐ Aquatic	☐ Organic ☐ Mineral Soil ☒ Parent Mineral ☐ Acidic Bedrock ☐ Basic Bedrock ☐ Carbonate Bedrock	☐ Lacustrine ☐ Riverine ☒ Bottomland ☐ Terrace ☐ Valley Slope ☐ Tableland ☐ Rolling Upland ☐ Cliff ☐ Talus ☐ Crevice/Cave ☐ Alvar ☐ Rockland ☐ Beach/Bar ☐ Sand Dune ☐ Bluff	☐ Open ☒ Shrub ☐ Treed	☐ Lake ☐ Pond ☐ River ☐ Stream ☐ Marsh ☐ Swamp ☐ Fen ☐ Bog ☐ Barren ☐ Meadow ☐ Prairie ☒ Thicket ☐ Savannah ☐ Woodland ☐ Forest ☐ Plantation

Site
☐ Open Water
☐ Shallow Water
☒ Surficial Deposits
☐ Bedrock

Plant Form
☐ Plankton
☐ Submerged
☐ Floating-leaved
☒ Graminoid
☐ Forb
☐ Lichen
☐ Bryophyte
☐ Coniferous
☐ Mixed
☒ Deciduous

History
☒ Natural
☐ Semi-natural
☐ Cultural

DISTURBANCE NOTES

STAND DESCRIPTION

Layer	HT	CVR	Species Dominance
1 Canopy			
2 Sub-canopy			
3 Understorey			
4 Ground Cover			

HT Codes 1 = >25m 2 = 15<HT<25m 3 = 5<HT<20m 4 = 1<HT<2m 5 = 0.5<HT<1m 6 = 0.2<HT<0.5m
CVR Codes 0 = none 1 = 0<CVR<10% 2 = 10<CVR<25% 3 = 25<CVR<60% 4 = >60%

Stand Composition:					BA
Size Class Analysis	<10 cm	10-24 cm	25-50 cm	>50 cm	
Standing Snags	<10 cm	10-24 cm	25-50 cm	>50 cm	
Deadfall/Logs	<10 cm	10-24 cm	25-50 cm	>50 cm	

N=None R=Rare O=Occasional A=Abundant

Community Age:	Pioneer	Young	Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	g=	G=
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion
Series	
Ecosite	Complex
Type	

LGL

ELC Assessment	Site: East Durham TA#: 8119	Polygon: SWTZ-2 Date: Sept 11/11	Surveyors: JCN

Layers: 1 = canopy 2 = sub-canopy 3 = understorey (saplings and shrubs) 4 = ground cover

Abundance Codes: R = rare O = occasional A = abundant D = dominant

Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4
ASTRUN1					IRIVERS									
ASC SYR1														
AGRO GIGA					JUGNIGR									
AST LANCE										RUMCRIS				
AGRGRYP														
BIDCORO					LYS CILI									
										SCUTERO				
										SOLRUGO				
CORSERI			A		MATSTRE					SOLGIGA				
CARVULP					MENTPIP					SALERIO			D	
										SOLCANA				
										THEPALU				
					ONOSOUS									
EBRAWGO														
EUT GRAM					Phaarun					ULMAMER				
					POTPANSE									
GLYSTRI										VIOLENT				

Note: Number in circle indicates sample number of sample taken

Unit 47

LGL

ELC Assessment	Site:	Polygon: FOD5	Surveyors: JCN
	TA#: 5119	Date: April 28/11	

July 18/12 JCN/VLK

Layers: 1 = canopy (>10m) 2 = sub-canopy 3 = tall shrubs (saplings and shrubs) 4 = ground cover

Abundance Codes: R = rare O = occasional A = abundant D = dominant

Species Code	Layer 1	Layer 2	Layer 3	Layer 4	Species Code	Layer 1	Layer 2	Layer 3	Layer 4	Species Code	Layer 1	Layer 2	Layer 3	Layer 4
ACESACA	D													
ASTLANCE														
APITRIP					[redacted]									
AGR GRIP										RIB IDAE			A	
ALL TRIC				R						RANACUL				R
BROMER				R	LEOCARD				R					
ARCMINU														
CAR PLAN				R						SOLCANA				O
CHL VULG										SIL ALU				O
COR ALTI			D		MALRACE				R	SOLCANA				
CIR LUTE										SAMPUBE				
CAR														
LAR PERN										TILAMER				
DRYGLOM										TARAOFM				R
DAUCARO				O						THUOCCI				
					OSTVIRG	R				THA DIOI				O
ELYAMER				D						TRIGRAN				
EPI HELE					PRUSERO	O		O		ULMAMER	R		R	
EUP ESUC					PONCOMP				O					
EUP RUGO					POL PUBE				R					
FRA AMER	R				PORBAIS									
FAGGRAN				R	PRUVIRG			O						
FRAVIRG				A	PRUVULG				O	MECRAC				
GALCANA				O	PINSTRO					MTRIPA				
GERROBE				R						LIO SP.				
										VIROPEI				R
										VERTHAP				R

Note: Number in circle indicates sample number of sample taken

- plants dry + wilty in July
- near turbine 7 (July 2012)
- EDU 1004/1054/1034
- understory ranges from dense COR ALTI to open + cleared
- lots of cut stumps, disturbed forest
- path into forest
- lots of dumping of woody debris, branches cut logs etc...
- Photos 94-96

Lots of sponge white mushroom. Found Solomon seal

dropping

LGL

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☒ Terrestrial ☐ Wetland ☐ Aquatic	☐ Organic ☒ Mineral Soil ☐ Parent Mineral ☐ Acidic Bedrock ☐ Basic Bedrock ☐ Carbonate Bedrock	☐ Lacustrine ☐ Riverine ☐ Bottomland ☐ Terrace ☐ Valley Slope ☐ Tableland ☒ Rolling Upland ☐ Cliff ☐ Talus ☐ Crevice/Cave ☐ Alvar ☐ Rockland ☐ Beach/Bar ☐ Sand Dune ☐ Bluff	☐ Open ☐ Shrub ☒ Treed	☐ Lake ☐ Pond ☐ River ☐ Stream ☐ Marsh ☐ Swamp ☐ Fen ☐ Bog ☐ Barren ☐ Meadow ☐ Prairie ☐ Thicket ☐ Savannah ☐ Woodland ☒ Forest ☐ Plantation

Site	History	Plant Form
☐ Open Water ☐ Shallow Water ☒ Surficial Deposits ☐ Bedrock	☒ Natural ☐ Semi-natural ☐ Cultural	☐ Plankton ☐ Submerged ☐ Floating-leaved ☐ Graminoid ☐ Forb ☐ Lichen ☐ Bryophyte ☐ Coniferous ☐ Mixed ☐ Deciduous

DISTURBANCE NOTES

STAND DESCRIPTION

Layer		HT	CVR	Species Dominance
1	Canopy			ACESACA
2	Sub-canopy			
3	Understorey			
4	Ground Cover			

HT Codes: 1 = >25m 2 = 10<HT≤25m 3 = 2<HT≤10m 4 = 1<HT≤2m 5 = 0.5<HT≤1m 6 = 0.2<HT≤0.5m
CVR Codes: 0 = none 1 = 0<CVR≤10% 2 = 10<CVR≤25% 3 = 25<CVR≤50% 4 = >50%

Stand Composition					BA
Size Class Analysis	<10 cm	D 10-24 cm	25-50 cm	>50 cm	
Standing Snags	<10 cm	10-24 cm	25-50 cm	>50 cm	
Deadfall Logs	<10 cm	10-24 cm	25-50 cm	>50 cm	

N=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	X Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	E=	G=
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class:	Inclusion:
Series:	
Ecosite:	Complex:
Type:	

Unit 48

LGL

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☐ Terrestrial ☒ Wetland ☐ Aquatic	☐ Organic ☐ Mineral Soil ☒ Parent Mineral ☐ Acidic Bedrock ☐ Basic Bedrock ☐ Carbonate Bedrock	☐ Lacustrine ☐ Riverine ☒ Bottomland ☐ Terrace ☐ Valley Slope ☐ Tableland ☐ Rolling Upland ☐ Cliff ☐ Talus ☐ Crevice/Cave ☐ Alvar ☐ Rockland ☐ Beach/Bar ☐ Sand Dune ☐ Bluff	☒ Open ☐ Shrub ☐ Treed	☐ Lake ☐ Pond ☐ River ☐ Stream ☒ Marsh ☐ Swamp ☐ Fen ☐ Bog ☐ Barren ☐ Meadow ☐ Prairie ☐ Thicket ☐ Savannah ☐ Woodland ☐ Forest ☐ Plantation

Site
☐ Open Water
☒ Shallow Water
☐ Surficial Deposits
☐ Bedrock

Plant Form
☐ Plankton
☐ Submerged
☐ Floating-leaved
☐ Graminoid
☒ Forb
☐ Lichen
☐ Bryophyte
☐ Coniferous
☐ Mixed
☒ Deciduous

History
☐ Natural
☒ Semi-natural
☐ Cultural

DISTURBANCE NOTES

STAND DESCRIPTION

	Layer	HT	CVR	Species Dominance
1	Canopy	3	2	POPBALS
2	Sub-canopy			
3	Understorey			
4	Ground Cover		3	TYPANGU

HT Codes: 1 = >25m 2 = 10<HT≤25m 3 = 2<HT≤10m 4 = 1<HT≤2m 5 = 0.5<HT≤1m 6 = 0.2<HT≤0.5m
CVR Codes: 0 = none 1 = 0<CVR≤10% 2 = 10<CVR≤25% 3 = 25<CVR≤60% 4 = >60%

Stand Composition					BA
Size Class Analysis	<10 cm	A	10-24 cm	25-50 cm	>50 cm
Standing Snags	<10 cm		10-24 cm	25-50 cm	>50 cm
Deadfall/Logs	<10 cm		10-24 cm	25-50 cm	>50 cm

N=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	Mid-age	Mature	Old Growth
☒					

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	g=	G=
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion
Series	
Ecosite	Complex
Type	

LGL

ELC Assessment	Site: East Durham	Polygon: MAS2-1	Surveyors: JCN
	TA#: 8119	Date: SEPT 2011	

Layers: 1 = canopy >10m 2 = sub-canopy 3 = understorey (saplings and shrubs) 4 = ground cover
Abundance Codes: R = rare O = occasional A = abundant D = dominant

Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4
ASTLANCE				O	IMPCAPE				R					
AST PUNI				O	IRIVERS				R					
					JUNTENU				O					
					JUNCANA					RUMCRISP				R
					JUN EFFU									
					LOTCORN									
					LYCUNIF									
										SCIATRO				O
CIRVULG										SALDISC			O	
CARUMIP				A	MALPUMI		R			SALERIO			R	
CORSERI			R		MELALBA					SALERIC				
CARFLAV				R	MENPARVE					SALBOB				
Chara sp				R						TYPANGU				D
					ONOSENS				R					
EUP MACU				D										
EPI CILI				R	PHAARUN				O	ULMAMER	R			
EQUARVE					POTANSE				O					
FRAPENN R					POPBALS	A								
					POPTREM	O								
					Phlprat				O					
					POACOMP				R	NICCRAC				R

Note: Number in circle indicates sample number of sample taken

- EDU 1004/1054
- result of colonization post agriculture
- dug pond

Unit 50

LGL

POLYGON DESCRIPTION

System	Substrate	Topo Feature	Cover	Community
☒ Terrestrial ☐ Wetland ☐ Aquatic	☐ Organic ☐ Mineral Soil ☒ Parent Mineral ☐ Acidic Bedrock ☐ Basic Bedrock ☐ Carbonate Bedrock	☐ Lacustrine ☐ Riverine ☐ Bottomland ☐ Terrace ☐ Valley Slope ☐ Tableland ☒ Rolling Upland ☐ Cliff ☐ Talus ☐ Crevice/Cave ☐ Alvar ☐ Rockland ☐ Beach/Bar ☐ Sand Dune ☐ Bluff	☐ Open ☐ Shrub ☒ Treed	☐ Lake ☐ Pond ☐ River ☐ Stream ☐ Marsh ☐ Swamp ☐ Fen ☐ Bog ☐ Barren ☐ Meadow ☐ Prairie ☐ Thicket ☐ Savannah ☒ Woodland ☐ Forest ☐ Plantation

Site
☐ Open Water
☐ Shallow Water
☒ Surficial Deposits
☐ Bedrock

Plant Form
☐ Plankton
☐ Submerged
☐ Floating-leaved
☐ Graminoid
☐ Forb
☐ Lichen
☐ Bryophyte
☐ Coniferous
☐ Mixed
☒ Deciduous

History
☐ Natural
☒ Semi-natural
☐ Cultural

DISTURBANCE NOTES

STAND DESCRIPTION

	Layer	HT	CVR	Species Dominance
1	Canopy			ACESASA FRAAMER PRUSERO
2	Sub-canopy			CRATAEGUS
3	Understorey			
4	Ground Cover			

HT Codes: 1 = >25m 2 = 10<HT≤25m 3 = 2<HT≤10m 4 = 1<HT≤2m 5 = 0.5<HT≤1m 6 = 0.2<HT≤0.5m
CVR Codes: 0 = none 1 = 0<CVR≤10% 2 = 10<CVR≤25% 3 = 25<CVR≤60% 4 = >60%

Stand Composition					BA
Size Class Analysis	<10 cm	10-24 cm	25-50 cm	>50 cm	
Standing Snags	<10 cm	10-24 cm	25-50 cm	>50 cm	
Deadfall Logs	<10 cm	10-24 cm	25-50 cm	>50 cm	

N=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	g=	G=
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion
Series	
Ecosite	Complex
Type	

LGL

ELC Assessment	Site:	Polygon: CUW1	Surveyors: JCN
	TA#: 3119	Date: May 16/12	

Layers: 1 = canopy (>5m) 2 = sub-canopy 3 = understorey (saplings and shrubs) 4 = ground cover

Abundance Codes: R = rare O = occasional A = abundant D = dominant

Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4	Species Code	Layer 1	2	3	4
ACESASA	D													
PCIRUBR	O													
ASRCANA				R										
AGRGRIP														
										SAMCANA				
										SYMNOA				
CORALT				R										
CERPUNC														
CRAMOLL														
										TILAMER	R	O	R	
DACGUM										THUOCC				
					OXASTRI									
SRYAMER														
					PRUSERO	A				ULMAMER				R
					PRUVULG									
FAGGRAN		R												
FRAVIRG														
GEUALE														
GEURIBE														
GEUCANA														

Note: Number in circle indicates sample number of sample taken.

- EDU 1008
- veg on knoll
- limited understorey due to cattle grazing
- very disturb from cattle
- no shrubs
- maple/ash/hawthorn

LGL

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☐ Terrestrial ☐ Wetland ☐ Aquatic	☐ Organic ☐ Mineral Soil ☐ Parent Mineral ☐ Acidic Bedrock ☐ Basic Bedrock ☐ Carbonate Bedrock	☐ Lacustrine ☐ Riverine ☐ Bottomland ☐ Terrace ☐ Valley Slope ☐ Tableland ☐ Rolling Upland ☐ Cliff ☐ Talus ☐ Crevice/Cave ☐ Alvar ☐ Rockland ☐ Beach/Bar ☐ Sand Dune ☐ Bluff	☐ Open ☐ Shrub ☐ Treed **Plant Form** ☐ Phytoplankton ☐ Submergent ☐ Floating-leaved ☐ Graminoid ☐ Forb ☐ Lichen ☐ Bryophyte ☐ Coniferous ☐ Mixed ☐ Deciduous	☐ Lake ☐ Pond ☐ River ☐ Stream ☐ Marsh ☐ Swamp ☐ Fen ☐ Bog ☐ Barren ☐ Meadow ☐ Prairie ☐ Thicket ☐ Savannah ☐ Woodland ☐ Forest ☐ Plantation

Site
☐ Open Water
☐ Shallow Water
☐ Surficial Deposits
☐ Bedrock

History
☐ Natural
☐ Semi-natural
☐ Cultural

DISTURBANCE NOTES

STAND DESCRIPTION

	Layer	HT	CVR	Species Dominance
1	Canopy			
2	Sub-canopy			
3	Understorey			
4	Ground Cover			

HT Codes: 1 = >25m 2 = 10<HT≤25m 3 = 2<HT≤10m 4 = 1<HT≤2m 5 = 0.5<HT≤1m 6 = 0.2<HT≤0.5m
CVR Codes: 0 = none 1 = 0<CVR≤10% 2 = 10<CVR≤25% 3 = 25<CVR≤60% 4 = >60%

Stand Composition				BA
Size Class Analysis	<10 cm	10-24 cm	25-50 cm	>50 cm
Standing Snags	<10 cm	10-24 cm	25-50 cm	>50 cm
Deadfall Logs	<10 cm	10-24 cm	25-50 cm	>50 cm

N=None R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	g=	G=
Moisture	Depth of Organics:		
Homogeneous/Variable	Depth to Bedrock:		

COMMUNITY CLASSIFICATION

Class	Inclusion
Series:	
Ecosite:	Complex:
Type	

Unit 51

LGL

ELC Assessment	Site:	Polygon: OAO	Surveyors:
	TA#: 2119	Date: May 12	JCW

Layers: 1 = canopy; 2 = sub-canopy; 3 = understorey (saplings and shrubs); 4 = ground cover

Abundance Codes: X = rare; O = occasional; A = abundant; D = dominant

Species Code	Layer 1	Layer 2	Layer 3	Layer 4	Species Code	Layer 1	Layer 2	Layer 3	Layer 4	Species Code	Layer 1	Layer 2	Layer 3	Layer 4
ACERUBR					MP CAPE									
Potalba					LEMMIN									
										SAMPUBE				
										SPIDIC				
Carstol					MP ODDR					Solcan				
										Solulc				
										Solrugo				
										TYPLAT				
					ONOSENS									
EQUHYME														
EQUHYME					RHAALT									
Gly Stri										VERIPA				
										VERANAD				
										~~Round-leaf~~				
										~~Water-lily~~				

MNR code

Note: Number in circle indicates sample number of sample taken.

- EDU 1008
- contains turtles
- nest on edge of pond photo 268

Unit 52

LGL

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
☐ Terrestrial ☐ Wetland ☐ Aquatic	☐ Organic ☐ Mineral Soil ☐ Parent Mineral ☐ Acidic Bedrock ☐ Basic Bedrock ☐ Carbonate Bedrock	☐ Lacustrine ☐ Riverine ☐ Bottomland ☐ Terrace ☐ Valley Slope ☐ Tableland ☐ Rolling Upland ☐ Cliff ☐ Talus ☐ Crevice/Cave ☐ Alvar ☐ Rockland ☐ Beach/Bar ☐ Sand Dune ☐ Bluff	☐ Open ☐ Shrub ☒ Treed	☐ Lake ☐ Pond ☐ River ☐ Stream ☐ Marsh ☐ Swamp ☐ Fen ☐ Bog ☐ Barren ☐ Meadow ☐ Prairie ☐ Thicket ☐ Savannah ☐ Woodland ☒ Forest ☐ Plantation

Site
☐ Open Water
☐ Shallow Water
☐ Surficial Deposits
☐ Bedrock

History
☐ Natural
☐ Semi-natural
☐ Cultural

Plant Form
☐ Plankton
☐ Submergent
☐ Floating-leaved
☐ Graminoid
☐ Forb
☐ Lichen
☐ Bryophyte
☐ Coniferous
☐ Mixed
☒ Deciduous

DISTURBANCE NOTES

STAND DESCRIPTION

	Layer	HT	CVR	Species Dominance
1	Canopy			Sugar maple
2	Sub-canopy			
3	Understorey			
4	Ground Cover			

HT Codes: 1 = >25m; 2 = 10<HT≤25m; 3 = 2<HT≤10m; 4 = 1<HT≤2m; 5 = 0.5<HT≤1m; 6 = 0.2<HT≤0.5m
CVR Codes: 0 = none; 1 = 0<CVR≤10%; 2 = 10<CVR≤25%; 3 = 25<CVR≤60%; 4 = >60%

Stand Composition				BA
Size Class Analysis	<10 cm	10-24 cm	25-50 cm	>50 cm
Standing Snags	<10 cm	10-24 cm	25-50 cm	>50 cm
Deadfall/Logs	<10 cm	10-24 cm	25-50 cm	>50 cm

N=Rare R=Rare O=Occasional A=Abundant

Community Age	Pioneer	Young	Mid-age	Mature	Old Growth

SOIL ANALYSIS

Texture	Depth to Mottles/Gley	S=	C=
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion
Series	
Ecosite	Complex
Type	

ELC Assessment	Site: East Durham	Polygon: FOD5	Surveyors: JCN
	TA#: 5119	Date: May 16/12	

Layers: 1 = canopy >25m; 2 = sub-canopy; 3 = understorey (saplings and shrubs); 4 = ground cover
Abundance Codes: R = rare; O = occasional; A = abundant; D = dominant

Species Code	Layer 1	Layer 2	Layer 3	Layer 4	Species Code	Layer 1	Layer 2	Layer 3	Layer 4	Species Code	Layer 1	Layer 2	Layer 3	Layer 4
ACERACA	D				ARITRI				A					
ACT RUBR				R	CLIVULG									
AGR GRIP				R										
ATH FELIX				R						RIB CYNO				
ANE ACRO			R							RUB IDAE				
ASP PARV		R			LYS CILI				R					
ARA NUDI				R										
CAR PLAN				R						SOL CANA				
CAR DECID				A						STR AMPL				R
CORALTI			A		MITREPS (P) ZEA				R					
CRATAEGUS	Ø				MALSTR									
CRAVIR	O													
CARPER				A						TRIEREC				R
DACGLOM				O						TRIOCLA		R		
CAR SP (P)										TARDFFI				O
CIRLUTE										TRIGRAN				R
FRT PENN				O						IL AMER	R			
FAU TRIFL					PRUVIRG	O				TSU CANA				
					PRUSERO	R				VIM AMER	R		R	
FRA AMER	R		O		Sorbus	R								
FRA VIRG				A	STEAQUI				R					
FAG GRAN	R													
GER ROB				O						VIO PUB				
GEU CANA				R						VIO SOR				
										VIO CANA				
HYD VIRG				R						VER CHAM				

Note: Number in circle indicates sample number of sample taken

Dominant

- hawthorn along edge
- EDU 1008
- photo 266-267
- assessed from fence as it was live