

BOBO/ EAME Surveys	TA#: 8119	Property #:	Project Component: T2	Surveyor: Att7
	Date: July 24/12	Start Time: 7:00am End Time: 8:18am		archeo. Scheduling

General Habitat Type: field hedgerow fenceline other

General Vegetation Type: pasture / hay

Vegetation Height (cm): < 10cm Presence of Litter (thatch, etc)?: yes / (no)

Estimated % Grass _____ % Broad-leaved plants _____

Sky Code (legend below): 0 Wind Scale (legend below): 0

road kill on
4
- porcupine
- raccoon
- skunk
- opossum
- e. cottontail

Birds Observed At Point Count Locations or Along Transects:

Point Count or Transect Number	UTM Location	SAR Species (BOBO/EAME)	Sex (M/F)	Observation Type observed: O heard: H	Direction/Distance Away	Behaviour/Interactions with Others (BBE or other)	Additional Species Observed or Heard
							RTHA calling sparrows
							robins - foraging BWSW - over turbine field
							e. Kingbird crow
							groundhog burrow blue jay.
							grackle rwb am goldfinch

Breeding Evidence Level:	
Possible ---	SH = Suitable Habitat SM = Singing Male
Probable ---	T=Territory, A=Anxiety Behaviour, D=Display, P=Pair, N=Nest building, V=Visiting nest
Confirmed---	DD=Distraction, NE=Eggs, AE=Nest entry, NU=Used Nest, NY=Young, FY=Fledged young, FS=Food/Faecal Sack
NAAMP/ Beaufort Sky Codes	Beaufort Wind Scale
0 = clear (no cloud cover)	0 = calm, smoke rises vertically (0-2km/hr)
1 = partly cloudy (scattered or broken) or variable	1 = Light air movement, smoke drifts (3-5)
2 = cloudy or overcast	2 = Slight breeze, wind felt on face; leaves rustle (6-11)
3 = sandstorm, duststorm or blowing snow	3 = Gentle breeze, leaves & twigs in constant motion (12-19)
4 = fog, smoke, thick dust, or haze	4 = Moderate breeze, small branches moving, raises dust & loose paper (20-30);
5 = drizzle or light rain	5 = Fresh breeze, small trees begin to sway (31-39)
6 = rain	6 = Strong breeze, large branches in motion (40-50)
7 = snow or snow/rain mix	
8 = showers	
9 = thunderstorms	

Continued on Reverse Side

BOBO/ EAME Surveys	TA#: 819 8119	Property #: Hartley T13	Transect/Point Count #	Surveyors:
	Date: July 24/12 June 19/12	Start Time: 6:30am 8:30am		LGL Alt LIMITED
		End Time: 9:30am		Arched Screening

General Habitat Type: field hedgerow fenceline other

General Vegetation Type: _____

Vegetation Height (cm): _____ Presence of Litter (thatch, etc)?: yes / no

Estimated % Grass _____ % Broad-leaved plants _____

Sky Code: 2 Wind Speed 2

Transect #/ Location: _____

UTM Start: _____ UTM End: _____

Birds Observed Along Transect (not included in point count data):

Species	UTM Location	Sex (M/F)	Observation Type observed: O heard: H	Direction/ Distance Away	Behaviour/ Interactions with Others (BBE or other)
					killdeer owls gold finch sparrows
					groundhog burrows
					RTHA
					wp 58 another gh hole in at fenceline
					wp 59 lg dbh sugar maple 75, 55 ~ ♂ burrow underneath
					• blw warbler in edge of woodlot
					deer tracks
					rock dove } @ barns

Breeding Evidence Level:

Possible --- SH = Suitable Habitat SM = Singing Male
 Probable --- T=Territory, A=Anxiety Behaviour, D=Display, P=Pair, N=Nest building, V=Visiting nest
 Confirmed--- DD= Distraction, NE=Eggs, AE=Nest entry, NU=Used Nest, NY=Young, FY=Fledged young, FS=Food/Faecal Sack

July 24 2012 AME

Property _____

Start 10am

Stop 11:34am

- wp 60 - basking painting
- calling GRFR level 2
- obs Cagb - pair
- leopard frog - young in leaf litter @ dried smaller pond.
- snakeskin @ tree stump
- kingfisher fly over.
- abundant frog @ edges.
- coyote tracks
- beaver evidence
- well est. deer trail in upland, steep slopes.
- mink frog.
- + 4 more painted basking on same log.
+ 4 more - all painted.
- green frog.

- wp 61 - smaller pond area
- dense algae (pond weed?)
- pair CAGb
- 1 duck - wood? poss?
- leopard frog - abundant juv
- wood frog
- green frog
- single basking turtle - covered in pond weed
- but flattened.
- likely painted.
- juv. green frog.
- adult green frog.
back to orig pond - ~~bittern?~~ no. young green heron

Notes

No. Turbine 11 10:15 → 11:15
Date July 13/12 Page.....

PODS =

- limited understory, large beech & some large SW but area logged in past
- ironwoods
- dense cedar to the E.
- WC thru SWC → org. subs, (WC), deer, Yoy batfish, adults ^{stout} bass.
- arrowheads, nights hake
- lots of off cedar
- wide shallow streamt soft banks
- Rip d. elm, cedar

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
<input type="checkbox"/> Terrestrial <input type="checkbox"/> Wetland <input type="checkbox"/> Aquatic <input type="checkbox"/> Open Water <input type="checkbox"/> Shallow Water <input type="checkbox"/> Surficial Deposits <input type="checkbox"/> Bedrock	<input type="checkbox"/> Organic <input type="checkbox"/> Mineral Soil <input type="checkbox"/> Parent Mineral <input type="checkbox"/> Acidic Bedrock <input type="checkbox"/> Basic Bedrock <input type="checkbox"/> Carbonate Bedrock	<input type="checkbox"/> Lacustrine <input type="checkbox"/> Rivine <input type="checkbox"/> Bottomland <input type="checkbox"/> Terrace <input type="checkbox"/> Valley Slope <input type="checkbox"/> Tableland <input type="checkbox"/> Rolling Upland <input type="checkbox"/> Cliff <input type="checkbox"/> Talus <input type="checkbox"/> Crevice/Cave <input type="checkbox"/> Alvar <input type="checkbox"/> Rockland <input type="checkbox"/> Beach Bar <input type="checkbox"/> Sand Dune <input type="checkbox"/> Bluff	<input type="checkbox"/> Open <input type="checkbox"/> Shrub <input type="checkbox"/> Tree <input type="checkbox"/> Plant Form <input type="checkbox"/> Plankton <input type="checkbox"/> Submerged <input type="checkbox"/> Floating-leaved <input type="checkbox"/> Cliff <input type="checkbox"/> Graminoid <input type="checkbox"/> Forb <input type="checkbox"/> Lichen <input type="checkbox"/> Bryophyte <input type="checkbox"/> Conifer <input type="checkbox"/> Mixed <input type="checkbox"/> Deciduous	<input type="checkbox"/> Lake <input type="checkbox"/> Pond <input type="checkbox"/> River <input type="checkbox"/> Stream <input type="checkbox"/> Marsh <input type="checkbox"/> Swamp <input type="checkbox"/> Fen <input type="checkbox"/> Bog <input type="checkbox"/> Barren <input type="checkbox"/> Meadow <input type="checkbox"/> Prairie <input type="checkbox"/> Thicket <input type="checkbox"/> Savannah <input type="checkbox"/> Woodland <input type="checkbox"/> Forest <input type="checkbox"/> Plantation

DISTURBANCE NOTES

STAND DESCRIPTION

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

HT Codes: 1 > 25m 2 = 10-17m 3 = 2-9m 4 = 1-10m 5 = 0.5-10m 6 = 0.2-10m
 CVR Codes: 0 = 0% 1 = 0-20% 2 = 20-50% 3 = 50-80% 4 = 80%

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
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SOIL ANALYSIS

Texture	Depth to Mottles/Gley	E	G
Mottling	Depth of Organic		
Homogenous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion:
Series	
Ecosite	Complex
Type	

ELC Assessment	Site:	Polygon: MAM2-2	Surveyors: JCN/VLK		
	TA#: 8119	Date: July 8/12			
Layer:	1 = canopy 2 = sub-canopy 3 = understorey (shrubs and herbs) 4 = ground cover				
Abundance Code:	R = rare O = occasional A = abundant D = dominant				
Species Code	Layer	Species Code	Layer	Species Code	Layer
	1 2 3 4		1 2 3 4		1 2 3 4
ASCINCA		O IMPCAPE	O		
AGGLIGA		A			
ACEDUBA R		JUNIFEU	R		
				RANACR	R
				RUBIDAL	R
				RIBES SP	R
				SOLCANA	A
				SATAPBE	R
CAPFLAV		O MATSIVE	R	SCIATR	A
CHELEUC		R		SONARVE	R
CARCRII		A		SOLRUGO	O
CORFOEM		R		TYPANGU	O
CARVULP		A			
CARTUCK					
EDUAPVE		O			
R+LOBBA		R PHAFARV	D	ULMAMORAR	
EDUPAW		POTANSE	A		
		PLALANCE	R		
		PDD BERT	O		
				VBLENT	R
				VCCBAC	

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

- disturbed, lots of rock piles + soil piles covered in veg + phalaris
- deer poop everywhere
- was part of unit 102 - based on airphoto field confirmed separate unit
- EDU 1028

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
<input checked="" type="checkbox"/> Terrestrial	<input type="checkbox"/> Organic	<input type="checkbox"/> Lacustrine	<input type="checkbox"/> Open	<input type="checkbox"/> Lake
<input type="checkbox"/> Wetland	<input type="checkbox"/> Mineral Soil	<input type="checkbox"/> Riverine	<input type="checkbox"/> Shrub	<input type="checkbox"/> Pond
<input type="checkbox"/> Aquatic	<input type="checkbox"/> Parent Mineral	<input type="checkbox"/> Bottomland	<input type="checkbox"/> Tidal	<input type="checkbox"/> River
	<input type="checkbox"/> Acidic Bedrock	<input type="checkbox"/> Terrace	<input type="checkbox"/> Plant Form	<input type="checkbox"/> Stream
Site	<input type="checkbox"/> Basic Bedrock	<input type="checkbox"/> Valley Slope	<input type="checkbox"/> Flankton	<input type="checkbox"/> Marsh
<input type="checkbox"/> Open Water	<input type="checkbox"/> Carbonate Bedrock	<input type="checkbox"/> Tableland	<input type="checkbox"/> Submerged	<input type="checkbox"/> Swamp
<input type="checkbox"/> Shallow Water		<input type="checkbox"/> Rolling Upland	<input type="checkbox"/> Floating-leaved	<input type="checkbox"/> Fen
<input checked="" type="checkbox"/> Surficial Deposits		<input type="checkbox"/> Cliff	<input type="checkbox"/> Grassland	<input type="checkbox"/> Bog
<input type="checkbox"/> Bedrock		<input type="checkbox"/> Talus	<input type="checkbox"/> Fish	<input type="checkbox"/> Barren
		<input type="checkbox"/> Crevice/Cave	<input type="checkbox"/> Lichen	<input type="checkbox"/> Meadow
		<input type="checkbox"/> Alvar	<input type="checkbox"/> Bryophyte	<input type="checkbox"/> Prairie
History		<input type="checkbox"/> Rockland	<input type="checkbox"/> Carnivorous	<input type="checkbox"/> Thicket
<input type="checkbox"/> Natural		<input type="checkbox"/> Beach/Rock	<input type="checkbox"/> Mixed	<input type="checkbox"/> Savannah
<input type="checkbox"/> Semi-natural		<input type="checkbox"/> Sand Dune	<input type="checkbox"/> Deciduous	<input type="checkbox"/> Woodland
<input checked="" type="checkbox"/> Cultural		<input type="checkbox"/> Bluff	<input type="checkbox"/> Forest	<input type="checkbox"/> Forest
			<input type="checkbox"/> Plantation	

DISTURBANCE NOTES

STAND DESCRIPTION

Layer	HT	CVR	Species Dominance
1 Canopy		1	elm
2 Sub-canopy		3	APPLE
3 Understorey			
4 Ground Cover			BRODER/AHLBART

HT Codes: 1 = >25m 2 = 10-10+25m 3 = 2-9.9m 4 = 1-9.9m 5 = 1-3-9.9m 6 = 0-2-4-8-16m
 CVR Codes: 0 = none 1 = <10% 2 = 10-19% 3 = 20-29% 4 = 30-39% 5 = 40-49% 6 = 50-59% 7 = 60-69% 8 = 70-79% 9 = 80-89% 10 = 90-99%

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	

Community Age	Pioneer	Young	Mid-age	Mature	Old Growth
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SOIL ANALYSIS

Texture	Depth to Mottles/Gley	G+	G-
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion
Series	
Ecozone	Complex
Type	

Unit 223

ELC Assessment	Site: B119	Polygon: CUW1	Surveyors: JCN											
Layer	1 = canopy 2 = sub-canopy 3 = understorey snags and stumps 4 = ground cover	Date: July 18/12												
Abundance Codes	0 = none 1 = occasional 2 = abundant 3 = decreasing													
Species Code	Layer				Species Code	Layer				Species Code	Layer			
	1	2	3	4		1	2	3	4		1	2	3	4
AGR GRYP				A										
AST NOVA				O										
AOC MINJ				R										
PCH MILL				O										
ASCSYRI				O										
ACERUBR	R													
ACTPACH				R										
BRODER				D										
CRAT SP			R		MALRUM		D							
CHRIBUC				O										
CICINTY				R										
CIRLEVT				R										
DEUCARO				A										
DAC GLOM				A										
EUTROPE				R										
FRANIG				A										
GEUNLEP				O										
GERROSE				O										
GAL														
GEUMNA				O										
HYPPAR				R										

10-20cm high stems
in water phase

Note: Number in circle indicates sample number of sample taken

- EDU 1028
 - wood pile
 - upland on W side of wetland
 - old orchard
 - transition between wetland + field (Aqu)

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
<input type="checkbox"/> Terrestrial	<input type="checkbox"/> Organic	<input type="checkbox"/> Lacustrine	<input type="checkbox"/> Open	<input type="checkbox"/> Lake
<input type="checkbox"/> Wetland	<input type="checkbox"/> Mineral Soil	<input type="checkbox"/> Riverine	<input type="checkbox"/> Shrub	<input type="checkbox"/> Pond
<input type="checkbox"/> Aquatic	<input type="checkbox"/> Parent Material	<input type="checkbox"/> Bottomland	<input type="checkbox"/> Tree	<input type="checkbox"/> River
	<input type="checkbox"/> Acidic Bedrock	<input type="checkbox"/> Terrace	Plant Form	
Site	<input type="checkbox"/> Basic Bedrock	<input type="checkbox"/> Valley Slope	<input type="checkbox"/> Fackton	<input type="checkbox"/> Swamp
<input type="checkbox"/> Open Water	<input type="checkbox"/> Carbonate Bedrock	<input type="checkbox"/> Tableland	<input type="checkbox"/> Submerged	<input type="checkbox"/> Fern
<input type="checkbox"/> Shallow Water		<input type="checkbox"/> Rolling Upland	<input type="checkbox"/> Floating-leaved	<input type="checkbox"/> Big
<input type="checkbox"/> Surficial Deposit		<input type="checkbox"/> Cliff	<input type="checkbox"/> Graminoid	<input type="checkbox"/> Barren
<input type="checkbox"/> Bedrock		<input type="checkbox"/> Talus	<input type="checkbox"/> Forb	<input type="checkbox"/> Meadow
		<input type="checkbox"/> Crevice/Cave	<input type="checkbox"/> Lichen	<input type="checkbox"/> Prairie
History		<input type="checkbox"/> Alluvial	<input type="checkbox"/> Bryophyte	<input type="checkbox"/> Thicket
<input type="checkbox"/> Natural		<input type="checkbox"/> Rockland	<input type="checkbox"/> Coniferous	<input type="checkbox"/> Savannah
<input type="checkbox"/> Semi-natural		<input type="checkbox"/> Beach/Bar	<input type="checkbox"/> Mixed	<input type="checkbox"/> Woodland
<input type="checkbox"/> Cultural		<input type="checkbox"/> Sand Dune	<input type="checkbox"/> Deciduous	<input type="checkbox"/> Forest
		<input type="checkbox"/> Bluff		<input type="checkbox"/> Plantation

DISTURBANCE NOTES

STAND DESCRIPTION

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

HT Codes: 1 = >20m 2 = 15-20m 3 = 10-15m 4 = 5-10m 5 = 0.5-10m 6 = <2-10m
 CVR Codes: 1 = 100% 2 = 75-100% 3 = 50-75% 4 = 25-50% 5 = 10-25%

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	
Ecotype	Complex
Type	

ELC Assessment	Site: East Durham	Polygon: SWB3-1	Surveyors: JCN
	TAN: 819	Date: July 19/12	

Species Code	Layer				Species Code	Layer				Species Code	Layer			
	1	2	3	4		1	2	3	4		1	2	3	4
ACROBIL D					IMCAPE									
ASTLANE					CORCASA									
ASCINDA					PIZITRIP					RHAMM				
ASTPUMI					COENIDG					Rhu Rhu				
CALPAW					BIDPROW					RubRub				
BEARLE					LYCVALF					RANACR				
CIALENTE					LAPCMA					Rub idia				
CARGREU					LYSCILI					Solruyo				
CORTIF										SCULATE				
EARLWU					MAICADA					Soldurek				
CARINTE					MENANUS					SAMPRE				
CLINBOB					MUNENWAGA					SUSUAR				
CARFLAV										TAUOCC				
DRYCRIS										TRI BOB				
DRYCARL										TYPANB				
Efilobiumsp					OROSAW					SAMCANA				
EUPMACU														
EQUARE					POAPAW									
EAHULS					PROJUG									
FRAPEN					PYTOYD									
FRANIG A					PROVRL									
ARIBALS														
Glyshi														
CALPAW														
CORSTO														
FIASHAPE														
FIERACUW														

MOSS
 2nd yr
 3rd yr
 4th yr

+ other

200
 21

Note: Number in circle indicates sample number of sample taken

Can't find empty
 EW134

SWD - REDMA
 orchd - 812-817
 photo 826

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
<input type="checkbox"/> Terrestrial	<input type="checkbox"/> Organic	<input type="checkbox"/> Lacustrine	<input type="checkbox"/> Open	<input type="checkbox"/> Lake
<input type="checkbox"/> Wetland	<input type="checkbox"/> Mineral Soil	<input type="checkbox"/> Riverine	<input type="checkbox"/> Shrub	<input type="checkbox"/> Pond
<input type="checkbox"/> Aquatic	<input type="checkbox"/> Parent Mineral	<input type="checkbox"/> Bottomland	<input type="checkbox"/> Tree	<input type="checkbox"/> River
	<input type="checkbox"/> Acidic Bedrock	<input type="checkbox"/> Terrace		<input type="checkbox"/> Stream
	<input type="checkbox"/> Basic Bedrock	<input type="checkbox"/> Valley Slope	<input type="checkbox"/> Plant Form	<input type="checkbox"/> Marsh
	<input type="checkbox"/> Carbonate Bedrock	<input type="checkbox"/> Tableland	<input type="checkbox"/> Plankton	<input type="checkbox"/> Swamp
Site		<input type="checkbox"/> Rolling Upland	<input type="checkbox"/> Submerged	<input type="checkbox"/> Fen
<input type="checkbox"/> Open Water		<input type="checkbox"/> Cliff	<input type="checkbox"/> Floating-leaved	<input type="checkbox"/> Bog
<input type="checkbox"/> Shallow Water		<input type="checkbox"/> Crevice/Cave	<input type="checkbox"/> Graminoid	<input type="checkbox"/> Saven
<input type="checkbox"/> Surficial Deposits		<input type="checkbox"/> Ahar	<input type="checkbox"/> Forb	<input type="checkbox"/> Meadow
<input type="checkbox"/> Bedrock		<input type="checkbox"/> Roodland	<input type="checkbox"/> Lichen	<input type="checkbox"/> Prairie
		<input type="checkbox"/> Beach/Dune	<input type="checkbox"/> Bryophyte	<input type="checkbox"/> Thicket
History		<input type="checkbox"/> Sand Dune	<input type="checkbox"/> Coniferous	<input type="checkbox"/> Savannah
<input type="checkbox"/> Natural		<input type="checkbox"/> Bluff	<input type="checkbox"/> Mixed	<input type="checkbox"/> Woodland
<input type="checkbox"/> Semi-natural			<input type="checkbox"/> Deciduous	<input type="checkbox"/> Forest
<input type="checkbox"/> Cultural				<input type="checkbox"/> Plantation

DISTURBANCE NOTES

STAND DESCRIPTION

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

HT Codes: 1 = >25m 2 = 15-24.99m 3 = 10-14.99m 4 = 5-9.99m 5 = 0-4.99m 6 = 0-2.99m
 CVR Codes: 0 = none 1 = 0-10% 2 = 10-25% 3 = 25-50% 4 = 50-75% 5 = 75-90%

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+
Minutane	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion
Series	
Ecotope	Complex
Type	

ELC Assessment	Site:	Polygon:	Surveyors:		
204			JCN		
225			226		
Date: July 19/12					
Species Code	Layer	Species Code	Layer	Species Code	Layer
ARTJASA		PINSLV D		ACESASA D	
		ACENES R		STAMP R	
		VITRPA 0		ULMAMEA F	
		PRUSERO A		VITRPA 0	
		VITRAME R		OSTUR R	
		ACESASA R	R	TILAMEA	
		PHIPRA		SOLCANA	
		CENNISE		FAGSAB	
ALCANA		RUDHET		PRUSERO	
CORALI		SAUCED		CORALI	
CRAPUN		THUCCI		FRANIG	
FRANIG		PHIPRA		PARINSE	
RIBAME		SOLCANA		CONATI	
GERROBE		CORALI			
CLENIG		MALBUM			
RUBDUE		POPBAI			
THUCCI		FRANER			
POPTEM		RUBAME A			
PRUSERO		CHILEC			
FRANIG		FRANIG			
VITRAME		POACOP			
RIBAME		HME			
		VITRAME			
		METALBA			

Note: Number in circle indicates sample number of sample taken
 FDDH CUP 3-2 FOD 5-8
 - roadside survey
 - county Rd 23 (Glenslg Rd 23)



ELC Assessment Site: Polygon: Surveyors:
 TA#: Date: July 19/12
 Level: 1 = canopy > 10m 2 = sub-canopy 3 = understorey (saplings and shrubs) 4 = ground cover
 Abundance: H = rare 228 A = abundant D = dominant 229

Species Code	Layer				Species Code	Layer				Species Code	Layer			
	1	2	3	4		1	2	3	4		1	2	3	4
ACEGSA	D				PICABIE	D				ACEGSA				APDANDE
FILMAME	A				ALEBASA					FILMAME	D			GALMOLU
CORALTI					PINSYLU					PINSYLU				DACGLON
VITRIPA					TRUOC					PICGLAU				
ULMAME					Poptern					CORALTI				
SOLUCO					VITRIPA					PRUSERO				
CRAPIND					SOLALTI					Palproct				
EELYAME					PICGULC	D				SOLCANG				
VIOSEP					MALPUM					DACCARO				
TRIBANIN					FILMAME					FANVIRE				
PRUSERO					CORALTI					CONRIGL				
Poptals					AMELANOHEP					BOINER				
					HYPPERF					VITRIPA				
										SOLCANG				
										ERISTRI				
										WIDHISI				
										LOTCOEN				
										Palance				
										ULMAME				
										PNEVIRE				
										CHULEUC				
										ASTCORA				
										HECEASA				
										CICINTH				
										GERANIN MALMOSC				
										MELALBA				
										SILANCA				

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

TODS - 8

CUP 3-9
Spruce Nond

CUW 1 - Blue Jay BJA
 - Indigo bunting IBS
 - Very young AMRO
 - regeneration old field
 - remnant planting species
 Through

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
<input type="checkbox"/> Terrestrial	<input type="checkbox"/> Organic	<input type="checkbox"/> Lacustrine	<input type="checkbox"/> Open	<input type="checkbox"/> Lake
<input type="checkbox"/> Wetland	<input type="checkbox"/> Mineral Soil	<input type="checkbox"/> Riverine	<input type="checkbox"/> Shrub	<input type="checkbox"/> Pond
<input type="checkbox"/> Aquatic	<input type="checkbox"/> Parent Mineral	<input type="checkbox"/> Bottomland	<input type="checkbox"/> Tree	<input type="checkbox"/> River
	<input type="checkbox"/> Acidic Bedrock	<input type="checkbox"/> Terrace		<input type="checkbox"/> Stream
	<input type="checkbox"/> Basic Bedrock	<input type="checkbox"/> Valley Slope	<input type="checkbox"/> Plant Form	<input type="checkbox"/> Marsh
	<input type="checkbox"/> Carbonate Bedrock	<input type="checkbox"/> Tableland	<input type="checkbox"/> Fleckton	<input type="checkbox"/> Swamp
Site		<input type="checkbox"/> Rolling Upland	<input type="checkbox"/> Submerged	<input type="checkbox"/> Fen
<input type="checkbox"/> Open Water		<input type="checkbox"/> Cliff	<input type="checkbox"/> Floating-leaved	<input type="checkbox"/> Bog
<input type="checkbox"/> Shallow Water		<input type="checkbox"/> Talus	<input type="checkbox"/> Grassy/ood	<input type="checkbox"/> Barren
<input type="checkbox"/> Surficial Deposits		<input type="checkbox"/> Crevice Cave	<input type="checkbox"/> Fort	<input type="checkbox"/> Meadow
<input type="checkbox"/> Bedrock		<input type="checkbox"/> Alvar	<input type="checkbox"/> Lichen	<input type="checkbox"/> Prairie
		<input type="checkbox"/> Rockland	<input type="checkbox"/> Bryophyte	<input type="checkbox"/> Thicket
History		<input type="checkbox"/> Beach/Bare	<input type="checkbox"/> Coniferous	<input type="checkbox"/> Savannah
<input type="checkbox"/> Natural		<input type="checkbox"/> Sand Dune	<input type="checkbox"/> Mixed	<input type="checkbox"/> Woodland
<input type="checkbox"/> Semi-natural		<input type="checkbox"/> Bluff	<input type="checkbox"/> Deciduous	<input type="checkbox"/> Forest
<input type="checkbox"/> Cultural			<input type="checkbox"/> Plantation	

DISTURBANCE NOTES

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STAND DESCRIPTION

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

HT Codes: 1 = <2m 2 = 10-19.9m 3 = 20-29.9m 4 = 30-39.9m 5 = 40-49.9m 6 = 50-59.9m
 CVR Codes: 1 = none 2 = 0-10% 3 = 10-20% 4 = 20-30% 5 = 30-40% 6 = 40-50%

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
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SOIL ANALYSIS

Texture	Depth to Mottles/Gley	pH	D ₁₅
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion
Series	
Ecosite	Complex
Type	

ELC Assessment	Site:	Polygon:	Surveyors:		
230			JCN		
231			232		
Date: July 19/12					
Species Code	Layer	Species Code	Layer	Species Code	Layer
	1 2 3 4		1 2 3 4		1 2 3 4
		PINSTRO D		PICABIES D	
ACESASA D		ACESASA R		PINSTRO A	
FONANERA A		VEDTHAP		UMAMER	
COALD	D	TAROFFI		DAUCARO	
PRUSELO		CHARUC	R	PHILOAC	
PRUVIR		CIRVIG	R	PRALAC	
SOLCANA		ADCMAN	R	SOLCANA	
MALPUM		DAUCARO	R	VITRIPA	
CONAT		MELALBA	R	HYPPAF	
CRANOU		OBIDEN	R	POCCOMP	
PRUVIR		PRUVIR	R	BRSTI	
ALPATER		HYPPAF	R	BROINER	
UMAMER		TILANER		DACGLON	
FRAVIR		FSTVIR	R	ASC SYR1	
FAGGLAN		UMAMER	R		
ERYANER		POPTEM			
GERRORE		CHARNATA			
		MALPUM	R		
BOALLE		COALD			
CIRLUE		CRAPUC			
PRUVIR		THUCCI			
CALPEN		PRUSELO			
CARBROD		ACESASA			
GERCCANR		SEP			
PICGLAUC		STRVIG			
		ALPATER			
		SOLCANA			

Orange Centian

Note: Number in circle indicates sample number of sample taken

- FOOS
- White Pine
- Pant
- CRAPUC
- DACGLON
- PRUNALG
- VICCFAC
- PRUVIR
- BROINER
- AMEBARE
- PROSYLV

CUR3- NSP

242

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
<input type="checkbox"/> Terrestrial	<input type="checkbox"/> Organic	<input type="checkbox"/> Lacustrine	<input type="checkbox"/> Open	<input type="checkbox"/> Lake
<input type="checkbox"/> Wetland	<input type="checkbox"/> Mineral Soil	<input type="checkbox"/> Riverine	<input type="checkbox"/> Shrub	<input type="checkbox"/> Pond
<input type="checkbox"/> Aquatic	<input type="checkbox"/> Parent Mineral	<input type="checkbox"/> Bottomland	<input type="checkbox"/> Tree	<input type="checkbox"/> River
	<input type="checkbox"/> Acidic Bedrock	<input type="checkbox"/> Terrace	Plant Form	
Site	<input type="checkbox"/> Basic Bedrock	<input type="checkbox"/> Valley Slope	<input type="checkbox"/> Plankton	<input type="checkbox"/> Stream
<input type="checkbox"/> Open Water	<input type="checkbox"/> Carbonate Bedrock	<input type="checkbox"/> Tidalflat	<input type="checkbox"/> Submerged	<input type="checkbox"/> Marsh
<input type="checkbox"/> Shallow Water		<input type="checkbox"/> Rolling Upland	<input type="checkbox"/> Floating-leaved	<input type="checkbox"/> Fen
<input type="checkbox"/> Surficial Deposits		<input type="checkbox"/> Cliff	<input type="checkbox"/> Graminoid	<input type="checkbox"/> Bare
<input type="checkbox"/> Bedrock		<input type="checkbox"/> Talus	<input type="checkbox"/> Forb	<input type="checkbox"/> Meadow
		<input type="checkbox"/> Crevice Cave	<input type="checkbox"/> Lichen	<input type="checkbox"/> Prairie
		<input type="checkbox"/> Alvar	<input type="checkbox"/> Bryophyte	<input type="checkbox"/> Thicket
		<input type="checkbox"/> Rockland	<input type="checkbox"/> Coniferous	<input type="checkbox"/> Savanna
		<input type="checkbox"/> Beach/Rw	<input type="checkbox"/> Mixed	<input type="checkbox"/> Woodland
		<input type="checkbox"/> Sand Dune	<input type="checkbox"/> Deciduous	<input type="checkbox"/> Forest
		<input type="checkbox"/> Bluff		<input type="checkbox"/> Plantation

DISTURBANCE NOTES

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STAND DESCRIPTION

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

HT Codes 1 = >25m 2 = 10-24m 3 = 2-9m 4 = 1-9m 5 = 0.5-1.9m 6 = 0-1.9m
 CVR Codes 1 = none 2 = 0-19.9% 3 = 20-39.9% 4 = 40-59.9% 5 = 60-79.9% 6 = 80%

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 ^m	G ^o
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inception
Series	
Ecosite	Complex
Type	

ELC Assessment:	Site:	Polygon: SWC1	Surveyors: JEN
	TAX:	Date: July 19/12	

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

Species Code	Layer				Species Code	Layer				Species Code	Layer					
	1	2	3	4		1	2	3	4		1	2	3	4		
ABRALS	D				IMP											
ALERUB																
ALANVA										RHAALN						
ASTPML										R						
ASCINCA										RIBANR						
Estable	R									R						
Cargoyi					R											
COPTL					A	MANAN										
Curex					D	MITNUA										
Carewulia																
CORSTL																
DRYDLS						Nitridi										
DRICAN						OSMUNA										
						ORLOS										
EUPMAU						ORLOS										
EPIHEL						PAALIN										
						Phaarvn										
FRANIGB						PRVSD				R						
FRANIRB						OSMREGA										
Glysti					D											
IMP																
IMPDRYD																

Note: Number in circle indicates sample number of sample taken

EWJ1314

Coniferous Swamp.
 phot 825 (SWC1)

a bud not
 at least etc

July 24 2012 AM

Property

T8

Start

Dam

Stop

11:34am

- wp 60 - basking painting
- calling GRFR level 2
- obs Cags - pair
- hop frog - young in leaf litter @ dried smaller pond.
- snake skin @ tree stump
- kingfisher flyover.
- abund frog @ edges.
- coon tracks
- beaver evidence
- well est. deer trail in upland, steep slopes.
- musk frog.
- + 4 more painted basking on same log.
- + 4 more - all painted.
- green frog.

- wp 61 - smaller pond area
- dense alga (pond weed!)
- pair CAGB
- 1 duck - wood? poss?
- hop frog - abund juv
- wood frog
- green frog
- single basking turtle - covered in pond weed
- but flattened.
- likely painted.
- juv. green frog.
- adult green frog.
- back to orig pond - ~~but~~? no. young green heron

POLYGON DESCRIPTION

System	Substrate	Topo. Feature	Cover	Community
<input type="checkbox"/> Terrestrial <input type="checkbox"/> Wetland <input type="checkbox"/> Aquatic	<input type="checkbox"/> Organic <input type="checkbox"/> Mineral Soil <input type="checkbox"/> Parent Mineral <input type="checkbox"/> Acidic Bedrock <input type="checkbox"/> Basic Bedrock <input type="checkbox"/> Carbonate Bedrock	<input type="checkbox"/> Lacustrine <input type="checkbox"/> Riverine <input type="checkbox"/> Bottomland <input type="checkbox"/> Terrace <input type="checkbox"/> Valley Slope <input type="checkbox"/> Tableland <input type="checkbox"/> Rolling Upland <input type="checkbox"/> Cliff <input type="checkbox"/> Talus <input type="checkbox"/> Crevice/Cave <input type="checkbox"/> Alvar <input type="checkbox"/> Rockland <input type="checkbox"/> Beach/Bar <input type="checkbox"/> Sand Dune <input type="checkbox"/> Bluff	<input type="checkbox"/> Open <input type="checkbox"/> Shrub <input type="checkbox"/> Tread <input type="checkbox"/> Plant Form <input type="checkbox"/> Plankton <input type="checkbox"/> Submerged <input type="checkbox"/> Floating-leaved <input type="checkbox"/> Greenweed <input type="checkbox"/> Furb <input type="checkbox"/> Luffa <input type="checkbox"/> Bryophyte <input type="checkbox"/> Coniferous <input type="checkbox"/> Mixed <input type="checkbox"/> Deciduous	<input type="checkbox"/> Lake <input type="checkbox"/> Pond <input type="checkbox"/> River <input type="checkbox"/> Stream <input type="checkbox"/> Marsh <input type="checkbox"/> Swamp <input type="checkbox"/> Fen <input type="checkbox"/> Bog <input type="checkbox"/> Barran <input type="checkbox"/> Meadow <input type="checkbox"/> Prairie <input type="checkbox"/> Thicket <input type="checkbox"/> Savanna <input type="checkbox"/> Woodland <input type="checkbox"/> Forest <input type="checkbox"/> Plantation

DISTURBANCE NOTES

STAND DESCRIPTION

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

HT Codes: 1=102m 2=10HT42m 1=2HT61m 1=10HT8m 1=15HT9m 1=21HT10m
 CVR Codes: 0=none 1=10CVR10% 1=10CVR25% 1=25CVR50% 1=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/Lays	<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 Mottled/Grey	g+	G+
Moisture	Depth of Organics		
Homogeneous/Variable	Depth to Bedrock		

COMMUNITY CLASSIFICATION

Class	Inclusion
Series	
Ecotype	Complex
Type	

234
 ELC Assessment Site: Polygon: SWD4/MAM2 Surveyors: JCN/ULK
 TAR: 8119 Date: July 24/12
 Layers: 1 = canopy 2 = sub-canopy 3 = understorey 4 = ground cover
 Abundance Codes: R = rare O = occasional A = abundant D = dominant

Species Code	Layer				Species Code	Layer				Species Code	Layer					
	1	2	3	4		1	2	3	4		1	2	3	4		
ASLANKE					A RIVERS.					R						
ASUARI					O EQUARVE					R						R
ASICORD					O WAGENV					R						R
BERGISA					O CRABVE					R						R
ACHMILL					R IMPCARP											R
ASCINCA					R LYSCUL					R						R
ASTPUNI					O WOLVLR	R			R							R
ACERUSE					R CARLAW					G						A
CARINU					R											R
CORSERI					O MIAMI											R
CARLAW					MEJARVE											R
CHEGLAB					MATSTEE											O
CARSPAC?					R MENPER											R
CARSTIP					A											
CARVULP					A											
CALCANA					ONDOENS											
EUPMAY					A											
EUTGRAN					O PORCONP											O
EQUARVE					R PALPRAT											
FEUVRB					K POPBALS	D										
FRABAN					R RORAN					A						
CALPRAW					R REVULG											
Glystia					O BIANSE											O
EDUMACKO					R Poptem	D										
GALPRAW					R MGLAKE											
HYPARL					R											R
EPISEA																

Note: Number in circle indicates sample number taken
 - upland meadow up near fence transition to low upland + wet meadows along creek
 - was used as pasture in past
 - EDU 1 1412 (1328)

