

Roost Tree # 395Project No./Project Name 412 / Apex Cresson CreekDate First Found 7/26/15Location In plot 26County SenecaState OHQuad FiresideLat-Long/UTM: N/E 41.21851W/N 82.96867Zone Datum: NAD83Observers: A. Ashmore, K. Kinn

#	Tree Tag #	Species	DBH (cm)	Height (ft or m)		Condition*	% Bark Cover**		Tree Ranking***	Available Roost/ Observation
				Tree	Roost		Usable	Total		
1	396	Pinus strobus	37.7	55'	35	snag	L	H	C	roosting in back of roost
2		Acer saccharum	20.3	60'	-	live	L	H	C	
3		Carya sp.	39.4	75'	-	live	L	H	C	
4		Unknown	47.8	70'	-	live	L	H	C	
5		Fragaria virginiana	56.9	84'	-	snag	H	H	C	roosting in back of roost
6		Acer saccharum	28.9	65'	-	live	L	H	C	
7		Fragaria virginiana	46.3	80'		snag	H	H	C	
8		Fragaria virginiana	40	10'		snag	L	L	UL	
9		Acer saccharum	19.2	65'		live	L	H	C	
10		Fragaria virginiana	45.5	71'		snag	L	H	U	
11		Acer saccharum	32	45'		live	L	H	C	
12		Acer saccharum	59.5	20		snag	L	H	U	
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

A 10 factor English prism is used to identify trees within the plot, centered on the roost tree.

Habitat	Edge	Open
<input checked="" type="radio"/> Interior	<input type="radio"/>	<input type="radio"/>

Canopy Cover at Roost	Open	Intermediate	Closed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Basal Area	Live Trees	Snags	All Trees
<input type="radio"/>	60	60	120

Roost Location	Bark	Cavity	Crevices
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUICK REFERENCE / ↑ CIRCLE

*Condition	Snag	Live	Live-Damaged
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**% Bark Cover	High = ≥ 25%	Moderate = ≥ 10- < 25%	Low = < 10%
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

***Tree Ranking	Canopy	Sub-Canopy	Understory
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



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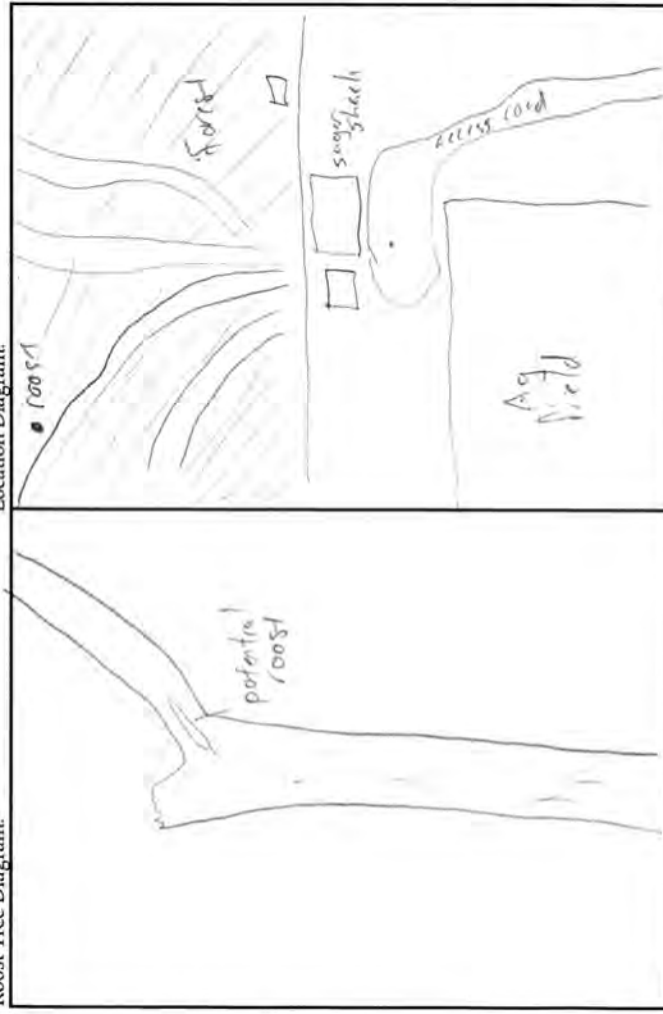
Roost Tree # 395

Bat Species/Sev/Frequency: MYSE/F/188

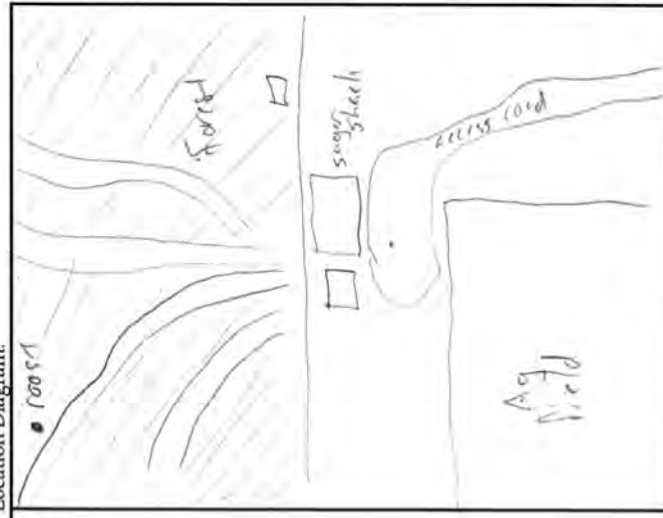
Band # ODNR 23551

107

Roost Tree Diagram:



Location Diagram:



Bat Days					Observations
No.	Date	Bat Freq.	Bat Band #	Sex of Bat	
1	7/26	188	23551	F	
2	7/27	188	23551	F	188 shed transmitter
3	7/28	188	23551	F	shed transmitter
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

Emergence Count

No.	Date	Temp °F	Weather	# of Bats	Time			Focal Bat exit #	Personnel/ Comments
					Sunset	Bats Start	Bats End		
1	7/26			1					
2	7/28	78	clear	0	2054				transmitter still in tree
3	7/30	75	clear	0	2054				same as
4									

Cavity or Crevice Characteristics					Opening Measurements		
No.	Nature	Aspect	Width	Height	Ground	H ₂ O Level	
1							
2							
3							

Comments:

Flying squirrels observed in potential roost site 7/28



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Roost Tree #

45

Project No./Project Name:

462.02 / Km

20

Date _____

d 722

County General

10

State OH

OH

1. F

3

1133

Lat-Long/UT

M: NYE

50109

87.930

1.93027

D
S
I

4083 0

T. W. D. 172

[illegible]

A 10 factor English prism is used to identify trees within the plot, centered on the roost tree.



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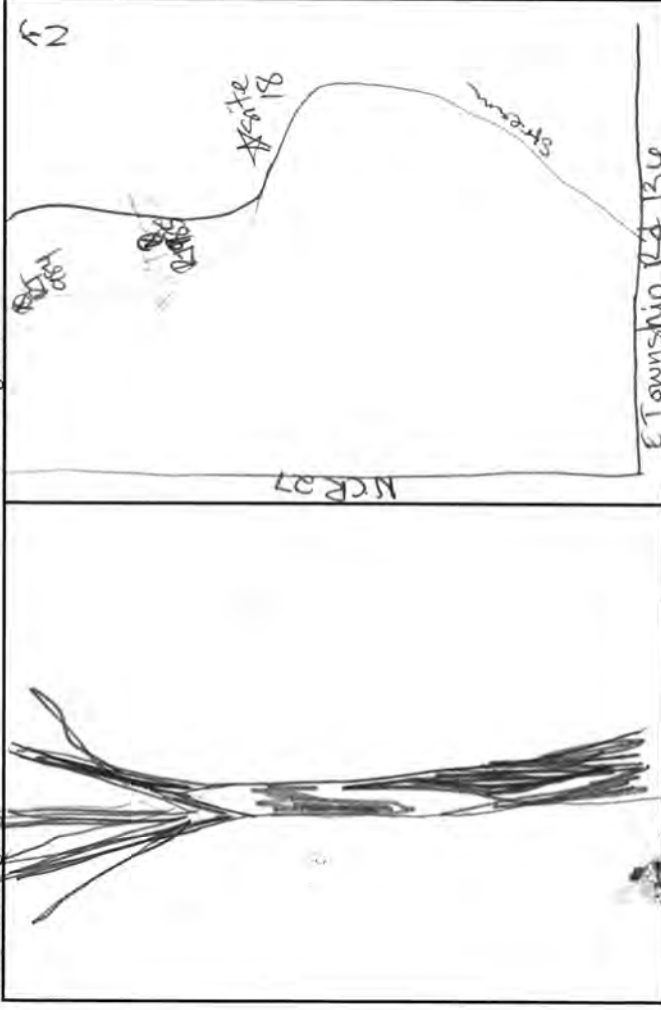
~~Signal no longer found w/ alt encoder @ 21.50~~

Roost Tree # 985

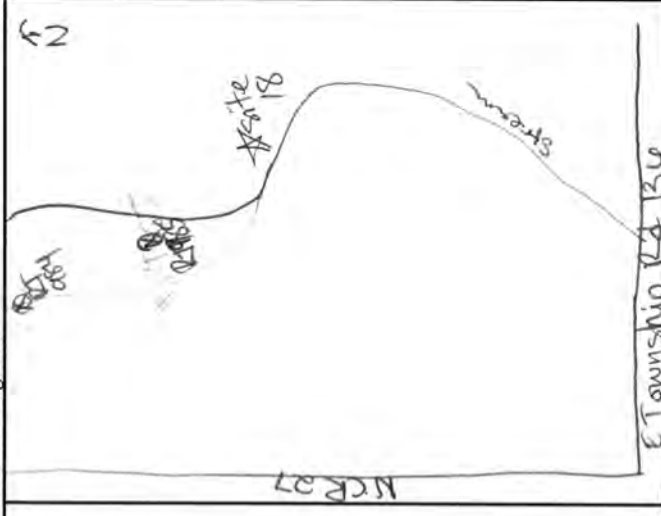
Bat Species/Sex/Frequency: MYSE/F/137

Band # ODNR 23361

Roost Tree Diagram:



Location Diagram:



Bat Days					Observations
No.	Date	Bat Freq.	Bat Band #	Sex of Bat	
1	5-17	137	ODNR 23361	F	
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

Emergence Count

No.	Date	Temp °F	Weather	# of Bats	Time			Focal Bat exit #	Personnel/ Comments
					Sunset	Bats Start	Bats End	Tagged Bat	
1	9-7	72	calm clear	2	2054	2100	2150	21	—
2	7-28	81	Clear	1	2055	2112	2112	N/A	A. McGee
3									
4									

Cavity or Crevice Characteristics				
No.	Nature	Aspect	Width	Height
1				
2				
3				

Comments:

* Bat was not trapped to this tree on 7/28/15



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Roost Tree # 986

Project No./Project Name 412.01 Emerson Creek

Date First Found 7-28-15

County Sevier

State OH

Quad Firestone

Lat-Long/UTM: N17E 41.17857

W/N -82.92802

Zone

Datum: NAD83

Observers: B. Ranley/R. McGregor

#	Tree Tag #	Species	DBH (cm)	Height ft or m		Condition*	% Bark Cover**		Tree Ranking***	Available Roost/ Observation
				Tree	Roost		Usable	Total		
1	986	A. saccharinum	16.6	15	13	S	M	M	S	Canopy/Crevice
2	-	A. saccharinum	13.4	25	-	L	L	H	S	Bark
3	-	A. saccharinum	19.1	35	-	L	L	H	S	NONE
4	-	A. saccharinum	62.7	50	-	LD	M	H	C	Bark/crevice
5	-	A. saccharinum	35.3	45	-	S	M	H	C	Bark
6	-	A. saccharinum	35.9	55	-	L	L	H	C	NONE
7	-	A. saccharinum	27.7	65	-	L	L	H	C	NONE
8	-	A. saccharinum	35.7	17	-	LD	L	M	S	crevice
9	-	P. deltoides	88.2	60	-	L	L	H	C	Crevice
10	-	P. deltoides	85.9	65	-	L	L	H	C	NONE
11	-	A. saccharinum	28.6	50	-	L	L	H	C	NONE
12	-	A. saccharinum	29.3	45	-	L	L	H	C	NONE
13	986	A. saccharinum	36.3	50	-	LD	L	H	C	Snag/Bark
14	-	A. saccharinum	40.4	14	-	S	L	M	C	crevice
15	-	A. saccharinum	29.3	50	-	L	L	H	C	NONE
16	-	A. saccharinum	37.6	60	-	LD	M	H	C	Bark
17	-	A. saccharinum	24.6	45	-	L	M	H	C	Bark
18	-	A. saccharinum	34.7	20	-	S	L	M	S	crevice
19	-	A. saccharinum	34.4	45	-	L	L	H	C	NONE
20	-	A. saccharinum	26.1	35	-	L	L	H	S	NONE
21	-	A. saccharinum	31.8	50	-	L	L	H	C	NONE
22	-	A. saccharinum	43.9	55	-	L	L	H	C	NONE

A 10 factor English prism is used to identify trees within the plot, centered on the roost tree.


 A. saccharinum 44.6 65 L H C
 A. saccharinum 62.1 30 L O M H S

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Habitat	Edge	Open
Interior		

Canopy Cover at Roost	Intermediate	Closed
Open		

Basal Area	Snags	All Trees
Live Trees	40	240

Roost Location	Cavity	Crevise
Bark		

QUICK REFERENCE / ↑ CIRCLE

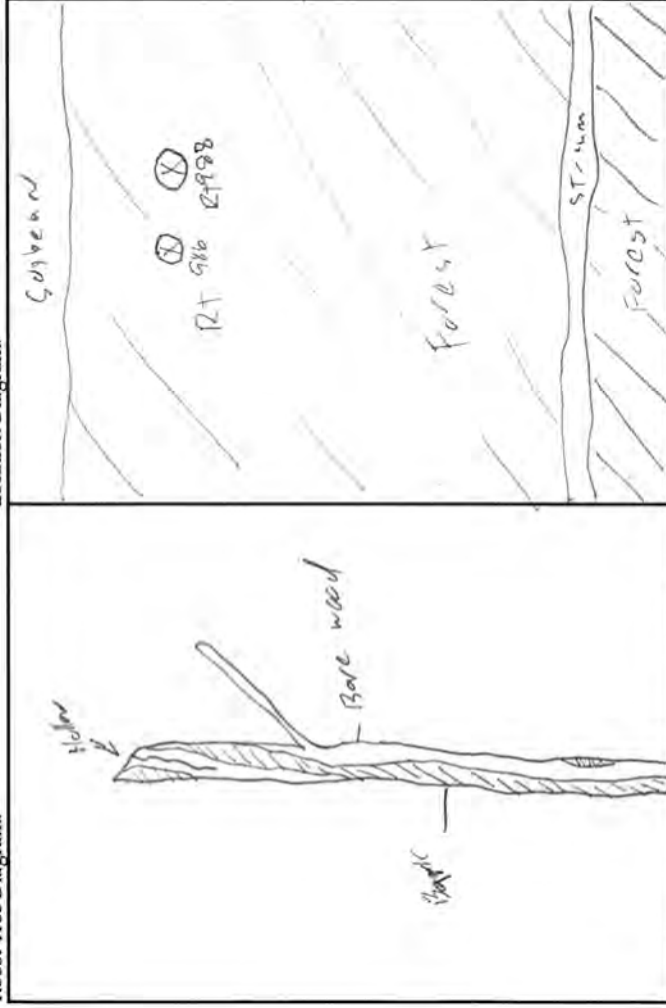
*Condition	Live	Live-Damaged
Snag		

**% Bark Cover	Moderate = 10-25%	Low = <10%
High = ≥ 25%		

***Tree Ranking	Sub-Canopy	Understory
Canopy		

Roost Tree # 986Bat Species/Sex/Frequency: MYSE/F/137Band # ODNR 23361

Roost Tree Diagram:



Location Diagram:

No.	Date	Bat Freq.	Bat Days			Observations
			Bat Band #	Sex of Bat		
1	7-28	137	ODNR 23361	F		
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

Emergence Count

No.	Date	Temp °F	Weather	# of Bats	Time				Focal Bat exit #	Personnel/ Comments
					Sunset	Bats Start	Bats End	Tagged Bat		
1	7-28	81	Clear	1	20:53	21:10	21:10	21:10	1	
2	7-31	76	Clear	0	20:49	N/A	N/A	N/A	N/A	C. 13644
3										
4										

Cavity or Crevice Characteristics

No.	Nature	Aspect	Opening Measurements			H ₂ O Level
			Width	Height	Ground	
1						
2						
3						

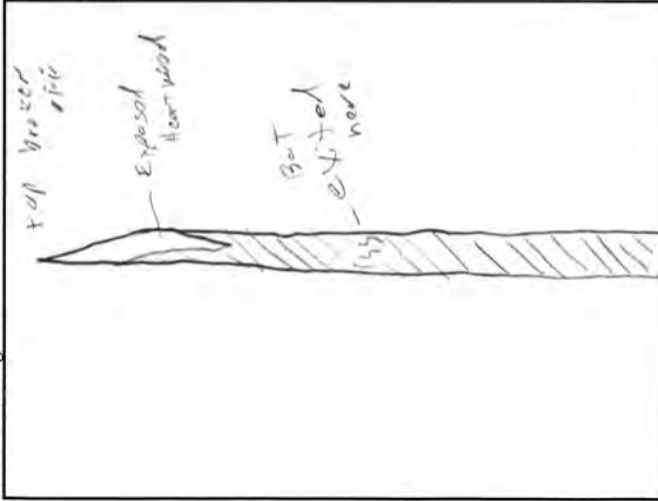
Comments:

* tree observed 8:45-9:25

Roost Tree # 986 Bat Species/Sex/Frequency: MYSE/F/137

Band # ODNR 23361

Roost Tree Diagram:



Location Diagram:



No.	Date	Bat Freq.	Bat Days		Sex of Bat	Observations
			Bat Band #			
1	7/29	137	ODNR 23361		F	
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

Emergence Count

No.	Date	Temp °F	Weather	# of Bats	Time			Focal Bat exit #	Personnel/ Comments
					Sunset	Bats Start	Bats End		
1	7-29	81	cloudy 15k rain	2	8:53	8:56	8:58	-	Heidi
2	7-30	80	clear	0	8:50	NA	NA	N/A	C. Boyd
3									
4									

Cavity or Crevice Characteristics					
No.	Nature	Aspect	Opening Measurements		
			Width	Height	H ₂ O Level
1					
2					
3					

Comments:

* Transmitter fell off bat day of 7/30, tree observed that night per emergence.



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County Seneca State GA Quad Fiveside
 Lat-Long/UTM: N/E 41.1875 W/N 82.9374 Zone — Datum: NAD83 Observers: T. Nethel, A. Truse

Quad Fiveside

***Tree Ranking		
Canopy	Sub-Canopy	Understory

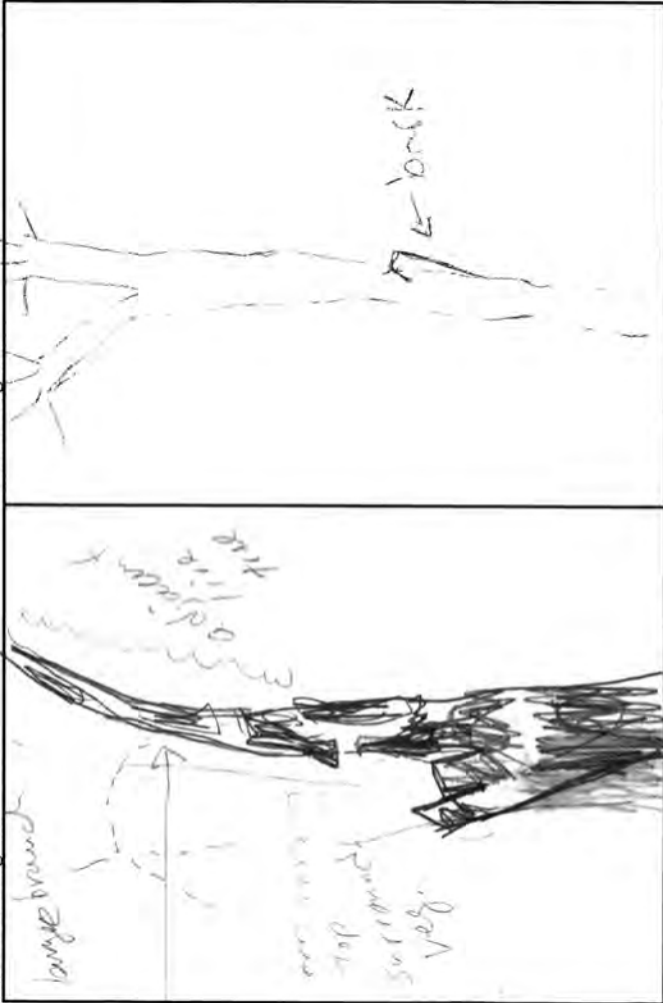
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Roost Tree # 984

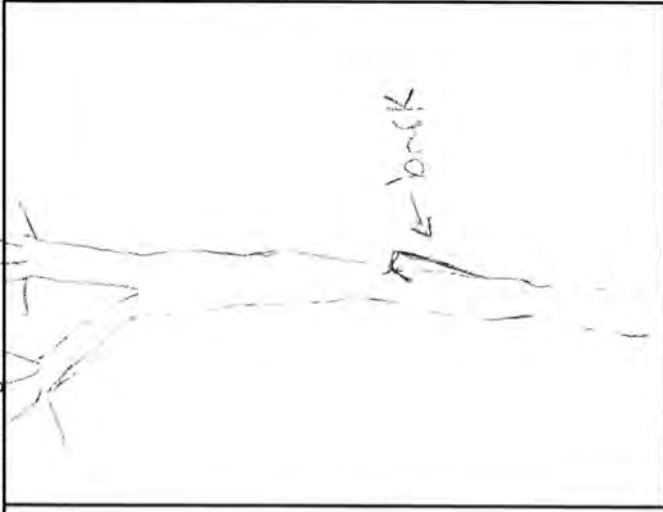
Bat Species/sex/Frequency: M7SE/F/030

Band # 0DNR 23360

Roost Tree Diagram:



Location Diagram:



Bat Days					Observations
No.	Date	Bat Freq.	Bat Band #	Sex of Bat	
1	7/27	030	0DNR 23360	F	on 1/1 bat seen emerge
2	7/28	030	23360	F	
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

Emergence Count

No.	July Date	Temp °F	Weather	# of Bats	Time			Focal Bat exit #	Personnel/ Comments
					Sunset	Bats Start	Bats End		
1	27	72	Sunny/clear warm	1	2054	2123	2123	81	AT
2	28	81	cloudy	1	2055	2105	2105		RRR
3									
4									

Cavity or Crevice Characteristics				
No.	Nature	Aspect	Opening Measurements	
			Width	Height
1				
2				
3				

Comments:

HC # 0416, TW olympics



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Roost Tree # 987 Project No./Project Name 412.03 / Emerson Creek Date First Found 7-29-15

Location

County Seneca

State OH

Quad

Zone

Datum: FireSide

Lat-Long/UTM: NYE 41.18179 W/N -82.92933 Observers: B. R. R. / R. M. C. 6/30/15

#	Tree Tag #	Species	DBH (cm)	Height ft or m		Condition*	% Bark Cover**		Tree Ranking***	Available Roost/ Observation
				Tree	Roost		Usable	Total		
1	987	A. saccharinum	56.3	40	25	S	M	M	C	Bark
2		A. saccharinum	54.1	15	-	S	L	M	U	Crevice
3		A. saccharinum	38.2	45	-	LD	L	H	C	Bark
4		A. saccharinum	53.5	50	-	L	L	H	C	None
5		A. saccharinum	37.9	30	-	LD	L	H	C	Crevice
6		A. saccharinum	37.6	45	-	L	L	H	C	None
7		A. saccharinum	31.8	30	-	L	L	H	C	None
8		A. saccharinum	52.5	50	-	L	L	M	C	None
9		A. saccharinum	42.7	20	-	S	M	M	S	Bark
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

A 10 factor English prism is used to identify trees within the plot, centered on the roost tree.

Habitat	
Interior	Edge
	Open

Canopy Cover at Roost	
Open	Intermediate
	Closed

Basal Area	
Live Trees	Snags
60	30
	All Trees
	90

Roost Location	
Bark	Crevice

↓ QUICK REFERENCE / ↑ CIRCLE

*Condition	
Snag	Live
	Live-Damaged

**% Bark Cover	
High = ≥ 25%	Moderate = ≥ 10- < 25%
	Low = < 10%

***Tree Ranking		
Canopy	Sub-Canopy	Understory



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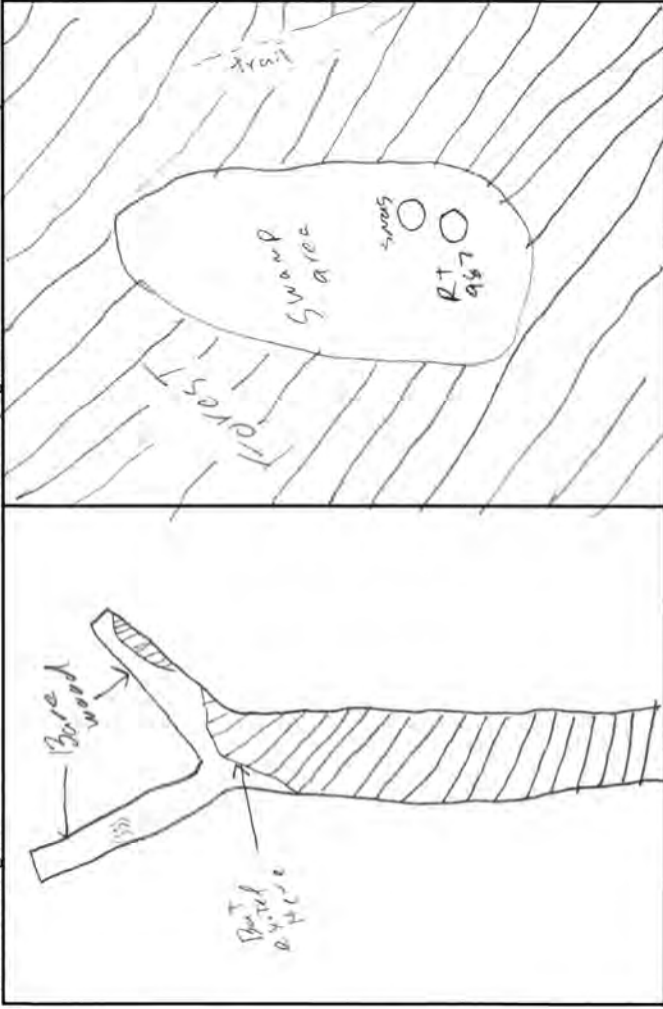
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Roost Tree # 987

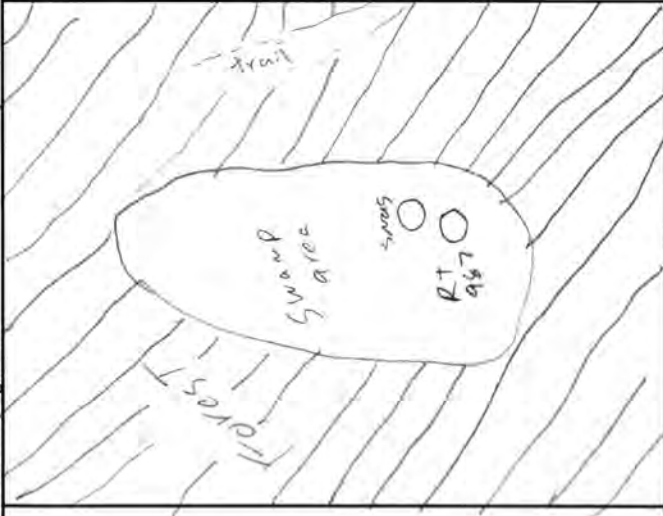
Bat Species/Sex/Frequency: MYSE/F/030

Band # 0DNR 23340

Roost Tree Diagram:



Location Diagram:



Bat Days					Sex of Bat	Observations
No.	Date	Bat Freq.	Bat Band #			
1	7-29	030	23340		F	
2	7-30	030	23340		F	
3	7-31	030	23340		F	
4	8-1	030	23340		F	
5	8-2	030	23340		F	
6						
7						
8						
9						
10						
11						
12						
13						
14						

Emergence Count

No.	Date	Temp °F	Weather	# of Bats	Time			Focal Bat exit #	Personnel/ Comments
					Sunset	Bats Start	Bats End		
1	7-29	80	Partly cloudy	3	20:51	20:59	21:21	3	R. McGowan
2	7-30	80	Clear	3	20:50	21:01	21:14	3	R. McGowan
3	7-31	76	Clear	5	20:49	21:02	21:12	5	R. McGowan
4	8-1	75	Clear	1	20:48	21:17	21:17	1	C. Floyd
5-2	77	Clear		1	20:47	21:06	21:06	1	C. Floyd

Comments:

Battery signal weak on 8/2

Cavity or Crevice Characteristics						
No.	Nature	Aspect	Opening Measurements			H ₂ O Level
			Width	Height	Ground	
1						
2						
3						

Roost Tree # 369

Project No./Project Name 412 / Emerson Creek

Date First Found 7/20/15

Location Site 26

County Seneca

State OH

Zone

Quad Fireside

Lat-Long/UTM: N/E 41.21838 W/N 82.96845 Datum: NAD83 Observers: J. Storm

#	Tree Tag #	Species	DBH (cm)	Height (m)		Condition*	% Bark Cover**		Tree Ranking***	Available Roost/ Observation
				Tree	Roost		Usable	Total		
1	369	Fraxinus pennsylvanica	40.0	12	9	S	M	L	U	cracks & crevices
2		Fraxinus pennsylvanica	45.1	50	-	S	L	L	C	cracks & crevices
3		Fraxinus pennsylvanica	35.7	50	-	S	M	H	C	Bark
4		Fraxinus pennsylvanica	48.6	60	-	S	H	H	C	Bark
5		pine sp	37.3	40	-	S	L	H	C	Bark
6		oak sp	60.2	20	-	S	L	H	C	cracks & crevices
7	395	cherry	37.8	80	yes	S	H	H	E	Roost tree
8		Sugar maple	19.8	85	-	L	H	H	C	
9		Sugar maple	34.4	100	-	L	L	H	C	
10		Sugar maple	8.2	20	-	L	L	H	C	
11		Sugar maple	23.3	80	✓	L	L	H	C	
12		Sugar maple	17.2	60	-	L	L	H	C	
13		Sugar maple	32.3	100	-	L	L	H	C	
14		Sugar maple	15.5	80	✓	L	L	H	SC	
15		Sugar maple	6.2	40	✓	L	L	H	U	
16		Sugar maple	4.2	12	-	L	L	H	U	
17		Sugar maple	9.0	25	-	L	L	H	SC	
18										
19										
20										
21										
22										

A 10 factor English prism is used to identify trees within the plot, centered on the roost tree.



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Rain Storm

PLOT R100

Habitat	Edge	Open
Interior		

Canopy Cover at Roost	Intermediate	Closed
Open		

Basal Area	Snags	All Trees
Live Trees	100	170

Roost Location	Cavity	Crevise
Bark		

↓ QUICK REFERENCE / ↑ CIRCLE

*Condition	Live	Live-Damaged
Snag		

**% Bark Cover	Moderate = ≥ 10 < 25 %	Low = < 10 %
High = ≥ 25 %		

***Tree Ranking	Sub-Canopy	Understory
Canopy		

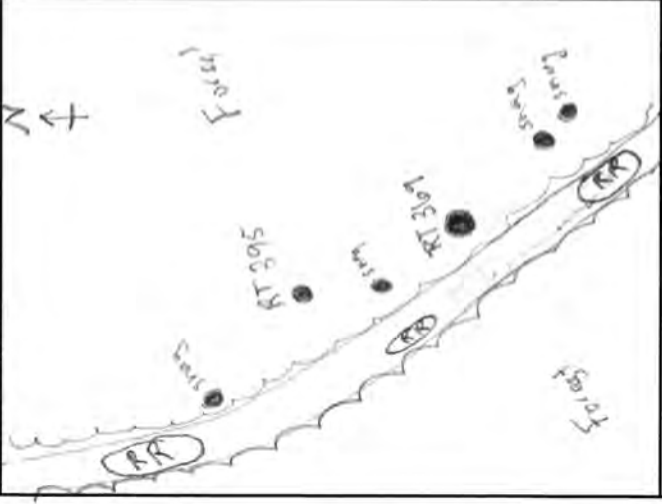
20.3 / 4000000

Roost Tree # 369

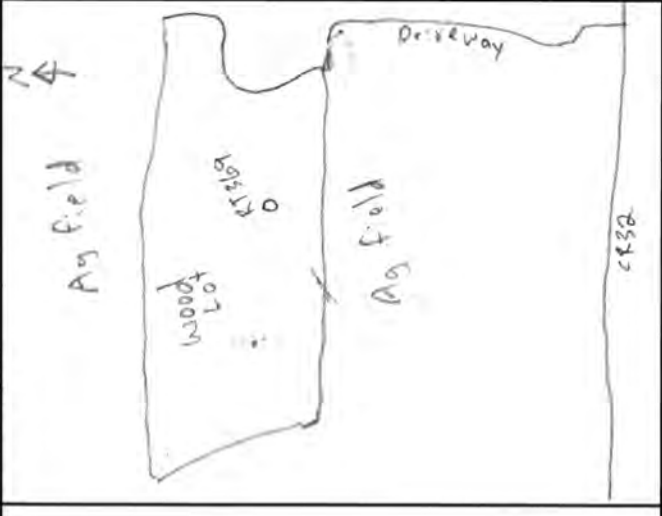
Bat Species/Sex/Frequency: MYSE/F/587

Band # 0DNR 23552

Roost Tree Diagram:



Location Diagram:



Bat Days					Observations
No.	Date	Bat Freq.	Bat Band #	Sex of Bat	
1	7/28	587	23552	F	
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

Emergence Count

No.	Date	Temp °F	Weather	# of Bats	Time			Focal Bat exit #	Personnel/Comments
					Bats Start	Bats End	Tagged Bat		
1	7/28	78	clear	0	2041	—	—	—	Chadron
2				0					
3									
4									

Cavity or Crevice Characteristics					H ₂ O Level
No.	Nature	Aspect	Width	Height	
1					
2					
3					

Comments:



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Roost Tree # 371

Project No./Project Name 412.02 / Emerson Creek

Date First Found 7/29/13

Location in woodlot site 2 is in.

County Seneca

State OH

Zone

Quad Fireside

Datum: NAD83

Observers: J. Storm, B. Smith

#	Tree Tag #	Species	DBH (cm)	Height (ft) or m		Condition*	% Bark Cover**		Tree Ranking***	Available Roost/ Observation
				Tree	Roost		Usable	Total		
1	371	Fraxinus prinosilva	42.4	60	30	S	L	H	C	Bark
2		Fraxinus prinosilva	56.1	65	-	S	H	H	C	Bark
3		Fraxinus prinosilva	38	50	?	S	M	H	C	Post-hole cracks, cavities
4		Oak sp	74.3	80	-	S	L	H	SC	none
5		Sugar maple	15.9	30	-	Live	L	H	SC	none
6		Sugar maple	20.6	60	-	LNE	L	H	C	NO
7		Sugar maple	41	101	-	L	L	H	C	NO
8		Sugar maple	24	75	-	L	L	H	C	none
9		Buckwood	34	75	-	L	L	H	C	none
10		Buckwood	49.5	100	-	L	L	H	C	none
11		Sugar maple	35	75	-	L	L	H	C	none
12		Sugar maple	20	60	-	L	L	H	C	none
13		Beech	52	100	-	L	L	H	C	none
14		Sugar maple	19	50	-	L	L	H	SC	none
15		Slippery elm	4	15	-	L	L	H	U	none
16		Sugar maple	23	60	-	L	L	H	SC	none
17		Slippery elm	50	100	-	L	L	H	C	none
18		Sugar maple	13.5	50	-	L	L	H	SC	none
19		Buckwalnut	49.5	100	-	L	L	H	C	none
20		Sugar maple	12	40	-	L	L	H	SC	none
21		Sugar maple	81	120	-	L	L	H	C	none
22		Slippery elm	41	20	-	L	L	H	U	none

A 10 factor English prism is used to identify trees within the plot, centered on the roost tree.



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Tree # 3 is leaning against the tree marked as RT 371. RT 371 is believed to be the roost.

Supplemental 20 150 100
Sugarmaple 25 100 100

QUICK REFERENCE / ↑ CIRCLE

Canopy	Sub-Canopy	Understory
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***Tree Ranking	Canopy	Sub-Canopy	Understory
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***% Bark Cover	High = ≥ 25%	Moderate = ≥ 10-25%	Low = < 10%
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*Condition	Snag	Live	Live-Damaged
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Roost Location	Bark?	Cavity	Crevice
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Basal Area	Live Trees	Snags	All Trees
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Canopy Cover at Roost	Open	Intermediate	Closed
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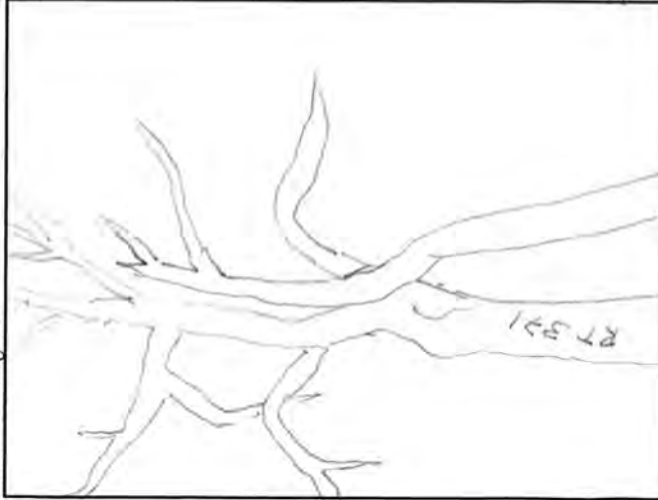
Habitat	Interior	Edge	Open
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Roost Tree # 371

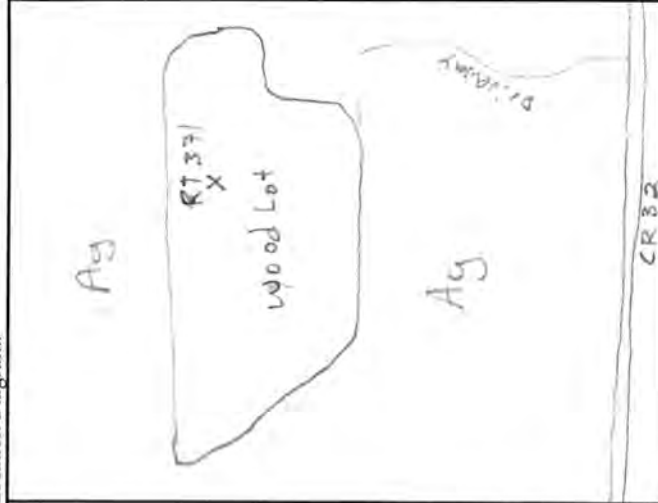
Bat Species/Sex/Frequency: SB7

Band # ODNR
23552

Roost Tree Diagram:



Location Diagram:



Bat Days						Observations
No.	Date	Bat Freq.	Bat Band #	Sex of Bat		
1	21 July	SB7	23552	F		
2	30 July	SB7	23552	F		
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

Emergence Count

No.	Date	Temp °F	Weather	# of Bats	Time			Focal Bat exit #	Personnel/Comments
					Sunset	Bats Start	Bats End		
1	7/29	79°	overcast	3	2051	2058	2115	1	K. DP
2	7/30			5	2050	2109	2102	1	J. Barre
3									
4									

Cavity or Crevice Characteristics					
No.	Nature	Aspect	Opening Measurements		
			Width	Height	H ₂ O Level
1					
2					
3					

Comments:

Bats emerged from where the two trees touch

Roost Tree # 372

Project No./Project Name 4117.02 / Emerald nec

Date First Found 7/31/15

County Seneca

Lat-Long/UTM: N/E 41.21920

State NY

Zone DX

Quad Fire side

Observers: Dave Storm, Tony Wayne

#	Tree Tag #	Species	DBH (cm)	Height ft or m		Condition*	% Bark Cover**		Tree Ranking***	Available Roost/ Observation
				Tree	Roost		Usable	Total		
1	372	snag maple	34	75 ft	50 ft	Live	100	100	Canopy	twice a week
2		snag maple	9	50	—	Live	0	100	sub-C	none
3		snag maple	14.5	50	—	Live	0	100	sub	none
4		snag maple	15	50	—	Live	0	100	sub	none
5		snag maple	16.5	100	100	snag	50%	100	Canopy	twice a week
6		snag maple	9.5	50	—	Live	0	100	sub	none
7		snag maple	9.5	40	—	Live	0	100	sub	none
8		snag maple	47.5	110	—	snag	50%	100	Canopy	twice a week
9		snag maple	17.0	75	—	Live	0	100	sub	none
10		snag maple	6.5	30	—	Live	0	100	sub	none
11		snag maple	50	120	50	snag	0	0	Canopy	twice a week
12		snag maple	14	60	—	Live	0	100	sub	none
13		snag maple	25.5	75	—	Live	0	100	Canopy	none
14		snag maple	14	50	—	Live	0	100	sub	none
15		snag maple	20	60	—	Live	0	100	sub	none
16		snag maple	10.5	45	—	Live	0	100	sub	none
17		snag maple	49	90	90	Live	100	100	Canopy	twice a week
18		snag maple	45.5	80	60	Live	5	100	Canopy	twice a week
19		snag maple	15	30	—	Live	0	100	sub	none
20		snag maple	44	90	all	snag	60	30	sub	twice a week
21		snag maple	38	100	—	Live	0	100	Canopy	none
22		snag maple	46.5	100	—	Live	0	100	sub	none

A 10 factor English prism is used to identify trees within the plot, centered on the roost tree.



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Habitat	
Interior	Open

Canopy Cover at Roost	
Open	Closed

Basal Area	
Live Trees	Snags
200	50

Roost Location	
Bark	Crevice

QUICK REFERENCE / ↑ CIRCLE

*Condition	
Snag	Live

**% Bark Cover	
High = ≥ 25%	Moderate = ≥ 10% < 25%

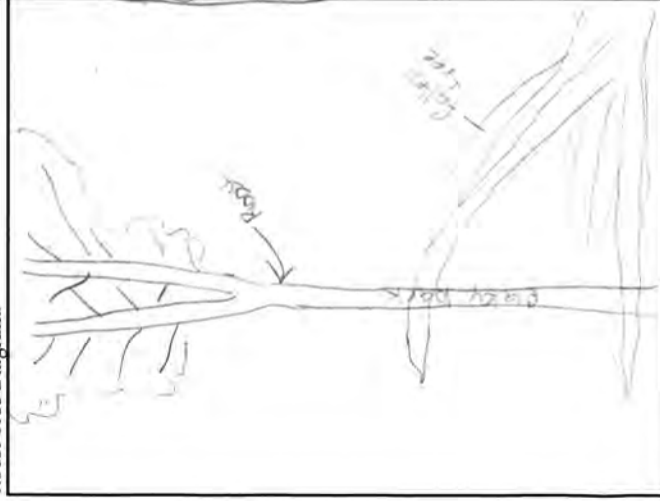
***Tree Ranking	
Canopy	Sub-Canopy

Roost Tree # 372

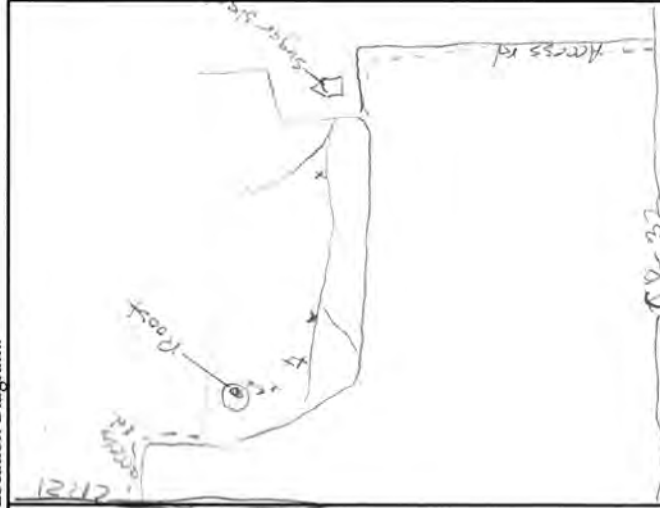
Bat Species/Sex/Frequency: MYSE/F/1.587

Band # ODN R23552

Roost Tree Diagram:



Location Diagram:



No.	Date	Bat Freq.	Bat Days			Observations
			Bat Band #	Sex of Bat		
1	7/31.587		ODN R23552	✓		
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

Emergence Count

No.	Date	Temp °F	Weather	# of Bats	Time			Focal Bat exit #	Personnel/Comments
					Sunset	Bats Start	Bats End		
1	7/31	70	clear	1	19:00	19:04	21:04	1	
2									
3									
4									

Cavity or Crevice Characteristics					
No.	Nature	Aspect	Opening Measurements		
			Width	Height	H ₂ O Level
1					
2					
3					

Comments:

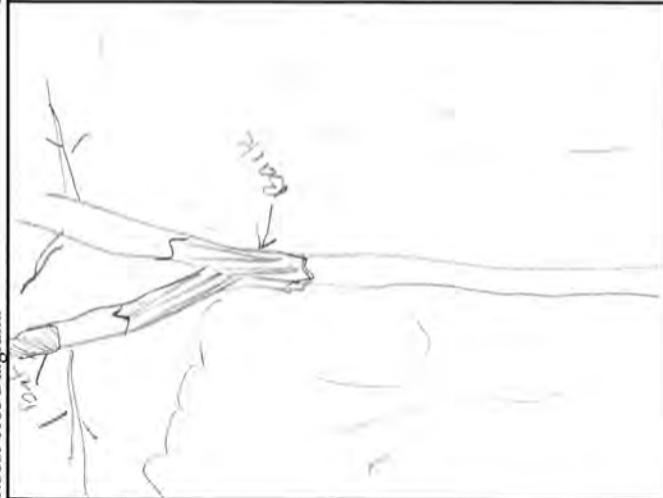
Recent tree fall creates canopy app @ roost tree and provides extra exposure from the north-west. Roost believed to be in the fall canopy.
-pried up bat on 5/6 for emergence

Roost Tree # 373

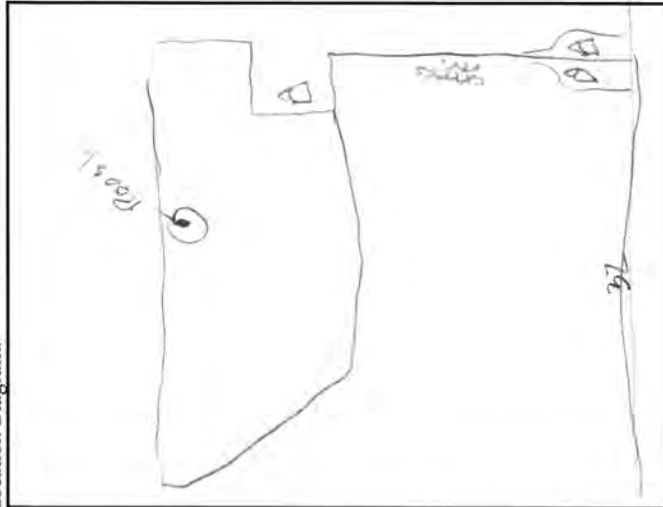
Bat Species/Sex/Frequency: MYSE/F/587

Band # 0DNR-23552

Roost Tree Diagram:



Location Diagram:



Bat Days					Sex of Bat	Observations
No.	Date	Bat Freq.	Bat Band #			
1	8/1	587	0DNR-23552		F	Band 100 ft
2	8/2	587	0DNR-23552		F	Band 100 ft
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

Emergence Count

No.	Date	Temp °F	Weather	# of Bats	Time			Focal Bat exit #	Personnel/ Comments
					Sunset	Bats Start	Bats End		
1	8/1	78°C	clear	1	8:58	9:10	9:10	1	Band
2	8/2	78°C	clear	1	8:59	9:02	9:02	1	Band
3									
4									

Cavity or Crevice Characteristics					Opening Measurements			H ₂ O Level
No.	Nature	Aspect	Width	Height	Ground			
1								
2								
3								

Comments:

Pen song near edge of woodland and large road int. Little hawk remaining, bat emergence on smaller branches above canopy corner of road trees.



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Roost Tree #

Project No./Project Name

Date First Found

County

State

Zone

Quadrant

Observers:

#	Tree Tag #	Species	DBH (cm)	Height ft or m		Condition*	% Bark Cover**		Tree Ranking***	Available Roost/Observation
				Tree	Roost		Usable	Total		
1		OFF	Parcel							
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

A 10 factor English prism is used to identify trees within the plot, centered on the roost tree.



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Habitat	
Interior	Open

Canopy Cover at Roost	
Open	Closed

Basal Area	
Live Trees	All Trees

Roost Location	
Bark	Cavity

QUICK REFERENCE / ↑ CIRCLE

*Condition	
Snag	Live

***% Bark Cover	
High = $\geq 25\%$	Moderate = $\geq 10 < 25\%$
	Low = $< 10\%$

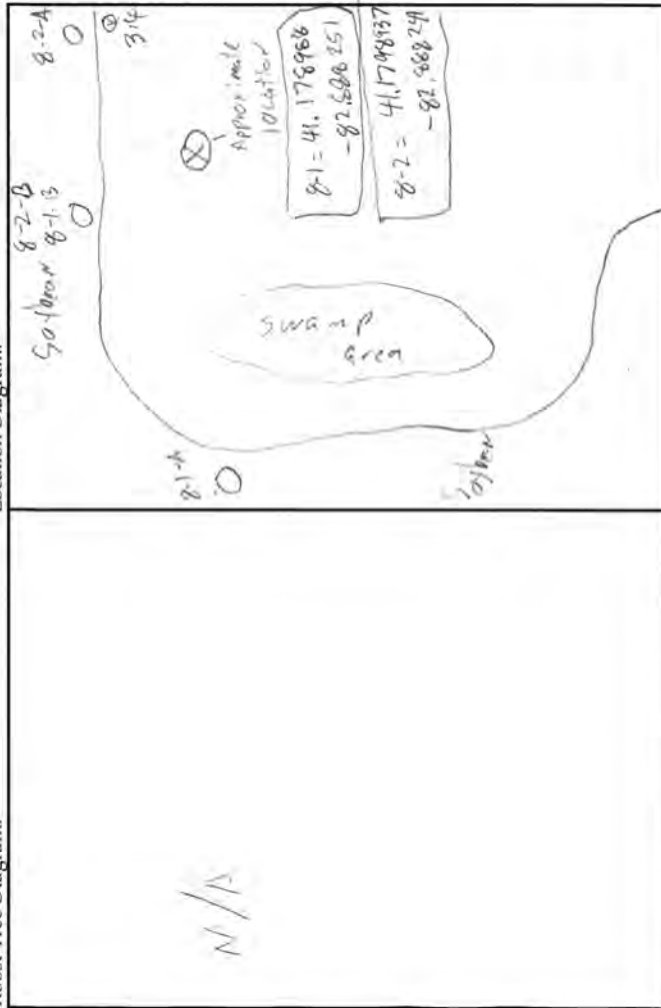
***Tree Ranking	
Canopy	Sub-Canopy
	Understory

Roost Tree # N/A Bat Species/Sex/Frequency: MUSE/F/205

Band # ODNR 17178

Roost Tree Diagram:

Location Diagram:



Bat Days					Observations
No.	Date	Bat Freq.	Bat Band #	Sex of Bat	
1	8-1	205	ODNR	F	
2	8-2	205	17178	F	
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

Emergence Count

No.	Date	Temp °F	Weather	# of Bats	Time			Focal Bat exit #	Personnel/ Comments
					Bats Start	Bats End	Tagged Bat		
1									
2									
3									
4									

Cavity or Crevice Characteristics

No.	Nature	Aspect	Opening Measurements		
			Width	Height	H2O Level
1					
2					
3					

Comments:

GPS Coordinates 8-1-A = 41.17860 / -82.68916, 242° Back 8-1-B 41.17904 / -82.68830, 332° Back
8-2-A = 41.17906 / -82.68748, 66° Back 8-2-B = 41.17907 / -82.68832, 340° Back



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Roost Tree # 140

Project No./Project Name 412.021 Emerald C1

Date First Found 27 July 15

Location narrow wood lot w/ creek bordered by agriculture

County Boone

State IA

Quad Firestone

Lat-Long/UTM: N/E 41.17892

W/N B. 89089

Zone

Datum: NAD83

Observers: C. Webster

#	Tree Tag #	Species	DBH (cm)	Height ft of m		Condition*	% Bark Cover**		Tree Ranking**	Available Roost/ Observation
				Tree	Roost		Usable	Total		
1	140	Fraxinus sp.	40.5	25	20	Snag	10	90	Canopy	Dark
2		U. americana	62.7	3	—	Live	0	100	Feb	—
3		Fraxinus sp.	45.8	23	—	Snag	30	70	Canopy	Dark
4		Fraxinus sp.	54	20	—	Snag	30	50	Canopy	Dark
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

A 10 factor English prism is used to identify trees within the plot, centered on the roost tree.

Habitat		
Interior	Edge	Open

Canopy Cover at Roost	
Open	Closed

Basal Area		
Live Trees	Snags	All Trees
10	30	40

Roost Location	
Bark	Cavity

QUICK REFERENCE / ↑ CIRCLE

*Condition	
Snag	Live
	Live-Damaged

***% Bark Cover	
High = ≥ 25%	Moderate = ≥ 10- < 25%
	Low = < 10%

***Tree Ranking		
Canopy	Sub-Canopy	Understory

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in

Case No(s). 17-2295-EL-BGN

Summary: Application Exhibit R Part 10 of 11 electronically filed by Teresa Orahood on behalf of Dylan F. Borchers