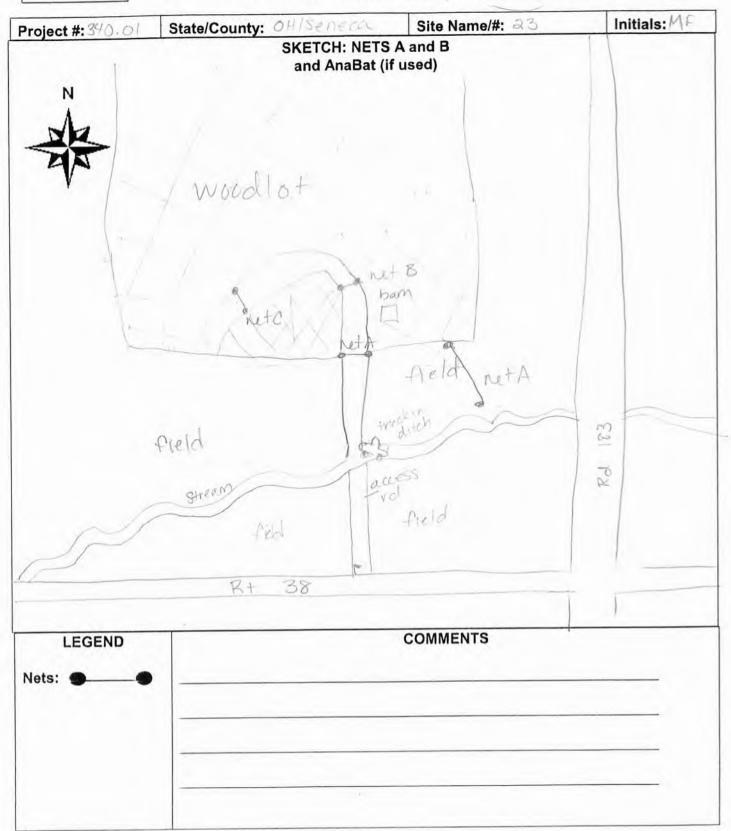
Property of: Environmental Solutions & Innovations, Inc. 4525 Este Avenue. Cincinnati, OH 45232 (Phone: 513-451-1777)



NET SITE HABITAT DESCRIPTION

	<u>: 340.01</u>		e: 16 Juli		sts: <u>J. Das</u>	-	Hall
	lame:				me/#: Quad: Fire:	- Y A	
	O/- Co Net/Trap/						West and the fi
Net/Trap/ or AnaBat	AnaBat Serial #		titude		itude	Picture #	Waypoint #
PULL .	12		260 "N	September 1	· KEN W	846	23A
1121-	18	M. 10	' N "N	O.Ph.	525 W	839	238
that he	0		1992 'N	82 . 57	' 55.8''W	131	23 D
(c) +	to closest water		30.7 N	82° 57	of water sour	ce:	_
	urce name:				9. 7.0.0. 220.		
	The second second second			VIE LINIDED NI	ETC).		
				(IF UNDER N		mat	200
				meters S			315
	um:Bedro	the second second	the second second second	Gravel			
Still Wate	er Present (Y/N): Av	erage Water D	epth:m or	cm Clarity	(H,M,L):	-
VEGETA	ATION:						
	t Canopy Spec			Subdominant	Canopy Spec		
Car	ma 300	ot of		-111	1 (29)	Bruit.	
- 8	irmis a	Charles			14.00	1 1	
Estimate	d dbb range: I	a: 14/1 Sm		Estimated dbh	range: Lg:	Sm	11.
Dalation	-bundange. L	lominant us. su	hdominant (ra	tio):	7740341 -312		-
					- Moderat		Open
	d canopy closu		Closed				Neither
	ee potential con			rees	_ <u></u> Snags		/
	ee potential for		High		Moderat	7	Low
Roost po	otential commer	nts:	- William	1014	ALT JANUS	91.3-1.1	Filtra (1)
Subcano	ppy clutter:		Closed	L.	Moderat	te	_Open
Subcano	ppy comprised I	argely of:	Lower	Branches of Trees	Saplings	_	Shrubs
Commo	Subcanopy S	pecies:	par sore	1020115			
2,2,000		_	Alren	LUZIIVIII-			
Habitat I	Description:	101	HALL SO	750-4-1	be au		
	4 . 7 .4	· ·			7 3		
	Habitat: <u>/////</u>						
	II that apply: e Upland Fores	t Recent	ly Logged Fore	st /Cron/P	asture Land	C	ther
	g Upland Fores		F	LStream	/River		444
Matur	e Lowland Fore	stWoodlo	ot	Vernal		4	
Young	g Lowland Fore	stOld Fiel	ld	Deepw	ater Lake/Por	nd	
Herbace	ous Cover:	_ Sparse	Moderate	Dens	е		
Revised Ap	ril 2011			1			

NET SITE HABITAT DESCRIPTION (continued)





BAT CAPTURE DATA

Property of: Environmental Solutions & Innovations, Inc. 781 Neeb Road. Cincinnati, OH 45233 (Phone: 513-451-1777)

Project #: 340,01	Date: (3 July //
Project Name: Republic	/
State: 01/ County:	
etc. J. Bas	Floor
Cito namo(#. 7 %	, m ()
one name#.	. Joseph Car
GPS Unit #: 20 - 00 - 00	Camera #: CW/ 67/

MOON PHASE*

New moon	Waxing gibbous	Last quarter

ter

Waxing crescent	First quart
Full moon	Waning gi
Waning crescent	

Time Temp (°C) (estimated - see chart)* From to 2/30 20.4 2/30 18.7 2/30 18.2 2/30 18.2 2/30 18.2 2/30 18.2 2/30 18.2 2/30 18.2 2/30 18.2	WEATHER DATA		
		% Cloud Cover (estimated)	Comments
2430 20,1 — — — — — — — — — — — — — — — — — — —	-	0	
2300 18.7 — — — — — — — — — — — — — — — — — — —	(0	
2330 17.8 2300 17.8 2530 17.7 2000 16.9 503 15.6	1	10%	
2300 17.8 2330 17.7 2000 16.9 303 5.1	1	10%	
2530 127	Ā	10%	
	7	10%	
203 5.1 203 2.1 15.6		(2	
15.6		Q	
35.75 32.75.6		43	
52.15.6			
		0	

Net/Trap/Anabat	Net/Trap/Anabat Net/Trap Type1		Latitude			Longitude		Length	Height	Time Up		
# #	N	. /77	2	Z	10 E	No. 43	3	(8)		2100	0700	048
8	11	0	6	Z	0	ST . 18	Ma S	4	(a)	2055		
V	N.	0	S. PB. 0	Z	. 00	57:2	M _u	0	S	2050		
0	1000	11.5	15 52.7		12	200	334	100	9	2045		00
Net Placemen	Net Placement/Site Description											- 4

Picture #

Capt #	# Wet	Species	Time	Age (Ad/Jv)	Sex (MIF)	Repro. 2	(g) Wt	(mm)	Belly (F/M/E)	Wing Index* (0-3)	Comments Picture # /Guano/Hair Sample
	H	E offerious fuscus	2200	AC	2	1	19	85	M	0	
N	B	Mote septentrionalis	2205	Hol	A	11	6.25	34	W	0	807809812
W	0	Misententimalis	2240	B	N	V	100	33	M	0	
	0	E. Fuscus	0,522	A. A.	111	×	16.5	松	M	0	
	0	E. Farcus	2240	the	W	A	16,5	14	M	0	
	0	E fascus	23/0	A.5	M	N	18,73	H	F	0	
1	0	E. Fiscus	2310 AJ	18	n	4	15.25	45	M	0	
		4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									

¹ M = Monofilament, ON = Old Nylon, NN = New Nylon, HT = Harp Trap; A = Anabat * Refer to table on the back.

Page 1 of

Comments

% Cloud Cover (estimated)

(estimated - see chart)* Wind Speed

Temp (°C)

WEATHER DATA Wind Direction: From to

0 0

1

25.5 25

0 0

NA TS 1



BAT CAPTURE DATA

Project #: 340.	0/ Da	Date: (6 July	(0000 h)
Project Name: Res	oduble.		730
State: OH	County:	177	750
Siologists: J. B.	Shor M. Flynn		73
Site name/#:	3		
SPS Ilnit#	176,200	Camera #: ET	

	Height
	Length
	aprijina 1
Waning gibbous	- Periodical Control of the Control
Full moon Waning crescent	
Waxing gibbous Last quarter	Net/Tran/Anabat

First quarter Waning gibbous

MOON PHASE* Waxing crescent

> Waxing gibbous New moon

					1400		1	
Vet/Trap/Anabat	Net/Trap/Anabat Net/Trap Type1	Latitude	Longitude	Length (m)	Height (m)	Time Up (0000 h)	Time Down (0000 h)	Picture #
#	7	N. 6 0 17	M. 7 37 . C. 3 . C. 5	18.	6	2100		840
68	131	N	M ₁₁	0	0	507		939
13	100	Na C	Wu 7 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0	ty	2,050		238
ي ار		N (A C C C C C	14	5	SHOT		1200
Nat Placement/Site Descr	"Site Description"	200	00 00 000		D			,

Capt	Net #	Species	Time	Age (Ad/Jv)	Sex (M/F)	Repro. ²	(g) Wt	(mm)	Belly (F/M/E)	Wing Index* (0-3)	Picture # /Guano/Hair Sample
# <	* X	The second	0072	JSK Y	V	70	1.8	21/2	M	0	RECOID FrOM FIRST WIGHT
2	7	7/1/1/1	7200	A	X	1	15,79	ħh	M	0	*
36	1	Marks souther triangle	2720	AN	1	>	163	200	1	0	*
7	0		1220	7.7	1	>	10	553	11.5	0	*
U	15	C -WS Cus	222	P. J.	W	4	17.5	45	14	0	×
11	35	The factorial	37729	1	2	>	17.35	17	in	C	*
1	T	E Second	7300	17-0	u	10	187	11	N	0	
0	T	transfer har all	2300	7	1	NA	25	14	M	0	Dic 841
6	F	Fulletons	2300	Dal	4	16	15.75	8,5	K	0	
10	9	M. Conto Diversity	2330	AA	Y	7	Sis	33	M	C	

¹ M = Monofilament, ON = Old Nylon, NN = New Nylon, HT = Harp Trap, A = Anabat * Refer to table on the back.

² Reproductive Condition; Female = NR/PG/L/PL; Male = ↑/↓

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Property of: Environmental Solutions & Innovations, Inc. 781 Neeb Road. Cincinnati, OH 45233 (Phone: 513-451-1777)

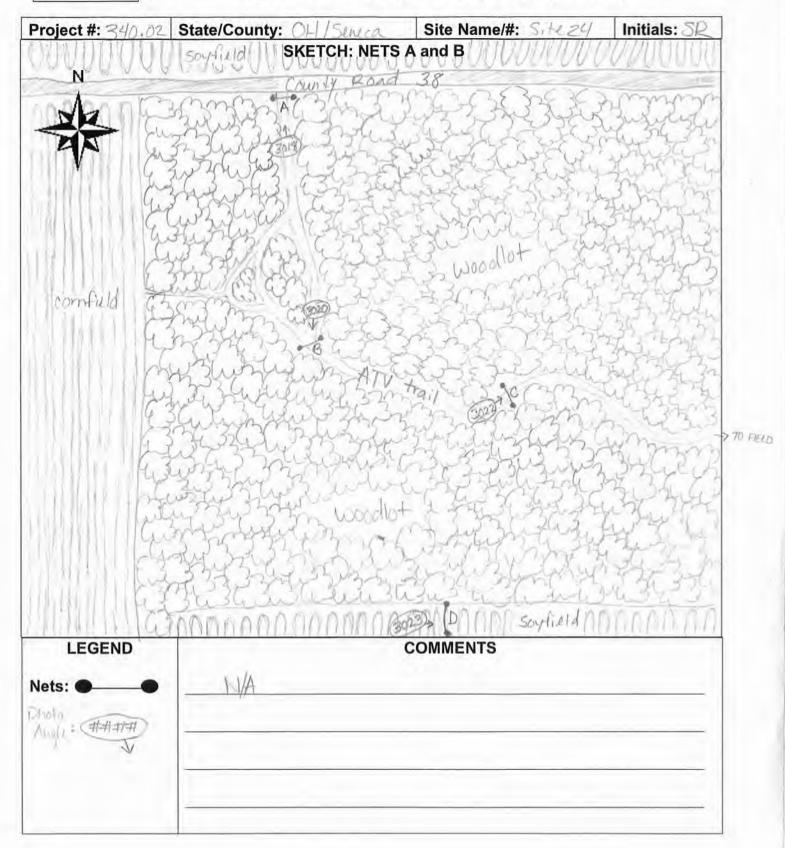
NET SITE HABITAT DESCRIPTION

Project #: 340.02 Date: 15 July 2011	Biologists: F. Posigir, S. Rous
Project Name: Tetratich Republic	Site Name/#: Site 24
State: OH County: Serveca	USGS Quad: + Trasicle
Camera #: Blade Picture #s: 3019 - 3623 Latitude: 41 ° 09 '54.5 "N Distance to closest water source (meters): 400 m Water source name: wanted office / uphanere	
ESTIMATED WATER SOURCE CHARACTERISTIC	CS (IF UNDER NETS):
Bank Height:meters Channel Width:	Meters Stream Width: MA meters
Substratum: NA BedrockBoulderCobble	GravelSandSilt/Clay
Still Water Present (Y/N): NA Average Water	Depth: MA m or cm Clarity (H,M,L): MA
VEGETATION:	
	ubdominant Canopy Species (< 40 cm/16" dbh)
Ourcus palustris -	Ager rubrum
Francis ochusylwanica	ACH DOWN ILN
1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	stimated dbh range: Lg: 31cm Sm: 25cm
Relative abundance of dominant vs. subdominant (r	
Estimated canopy closure:Closed	Moderate Open
	eesSnagsBoth Neither
Roost tree potential for the area is:High	ModerateLow
Roost potential comments:	//
Subcanopy clutter:Closed	Moderate Open
Subcanopy comprised largely of:	ranches ofSaplingsShrubs Frees
Common Subcanopy Species:	of invasing
Crackenus	S.D.
Habitat Description: Making mesic wondlot	with fur grubs and open
Check all that apply: _Mature Upland Forest _Young Upland Forest _Mature Lowland Forest _Young Lowland Forest _Young Lowland Forest _Old Field	
Herbaceous Cover: SparseModerat	eDense



Property of: Environmental Solutions & Innovations, Inc. 781 Neeb Road. Cincinnati, OH 45233 (Phone: 513-451-1777)

NET SITE HABITAT DESCRIPTION (continued)



BAT CAPTURE DATA

Camera #: FB Kelve Biologists: F. Gosmer, S. Courses Site name/#: 5.49 County: JAMES Date: Roublic Project Name: Theratich GPS Unit #: 7 9528 Project #: 3//0.52 Shice State:

		WEATHER DATA	AIA	
Time (xxxx h)	Temp (°C)	Wind Speed (estimated – see chart)*	% Cloud Cover (estimated)	Comments
0012	24.5	1-3	280	
2130	22.9	1-3	250	
2260	22.4	21/	2%0	
2230	21.6	0	2%	
2360	21.4		0.9%	
330	21.4		0%	
MANA	21.2	0	0.5%	
020	20.03	C	200	
100	21.0	0	02%	1
200	20.8	0	22	
200	20.10	C	0.33	

AnaBat AnaBat Serial #	#	Latit	tude	Longitude		Length (m)	Height (m)	Time Up	Time Up Time Down (xxxx h)	Picture #	Waypoint #
Not the	57		N.	505 - 503	M _u	1,0	6.2	SWA	SHID	8/68	439
10.4 E	15	0	N. VI	82.56.498	M.,	3	(m)	2000	6150	2050	200
1	1		N. / 7	82 ° 56 · 47.6 "W	M _u c	D	60	2055	SSIO	20172	1864
こ ・ くろ	17		N.	8.37 . 75.68	M.,	50	9.2	2150	MEND	3023	2477

Species	Time	Age (Ad/Jv)	Sex (M/F)	Repro. 2	M (a)	RFA (mm)	Belly	Wing Index*	Comments Picture # (Guano/Hair Sample
Als servicionalis	2145	Ao	2	+	09	2	4		2973 - 23-3
Thesians fusions	2200	AN	17		18.2	-40	14	0	N AN
E. Ausais	2000	40	4	7/0	0.91		14	1 2980	0-2981 Jan. Com
En Averas	2210	N	2	<	0	40	2	0	A/N
The Austria	2210	3	2	<	5	45	2		COSTANO
E fusqus	2210	>	2	<	1.7	43	2	0	NA
かるなる	2210	A	Ц	d	18.0	48	Z	3	2982
E. fuscus	2210	DO	2	->	100	43	2	0	ZZ
L. Socketer made	2250	Pol	IL		C	3/2	2	C	N/A

¹ Reproductive Condition: Female = NR PG L PL; Male = ↑ ↓ * Refer to table on the back

Page 1 of 2



BAT CAPTURE DATA (continued)

Species Time Age Sex Repro. Wr RFA Belly Will RAdJus) (Mir.)	.00	Droing Namo: Tirtz-to-br	Pirchia	Site N	Site Name/#	1	70 24			Ini	Initials: F.G.,	SR
E 16545 22 - 165445 2250 AN F NIR 134 45 M M M M S 2025 AN F NIR 134 45 M M M M S 2024 AS M F NIR 134 45 M M M M M M M M M M M M M M M M M M	Capt Net		pecies	Time	Age (Ad/Jv)	Sex (M/F)	Repro. ²	Wt (9)	RFA (mm)	Belly (F/M/E)	Wing Index* (0-3)	Comments Picture # /Guano/Hair Sample
F. H.S.L.S. 2255 JV F NIR 13.8 45 M M. M.S. SOLLITTONING 2300 Ad F 12 7.1 30 H E. L.S.L.S. 2255 Ad F 12 20.2 45 F E. L.S.L.S. 2355 Ad F 12 20.2 45 F E. L.S.L.S. 2355 Ad F 12 20.2 45 F E. L.S.L.S. 2355 Ad F 12 20.2 45 F E. L.S.L.S. 2355 Ad F 12 20.2 45 F E. L.S.L.S. 2355 Ad F 12 20.2 45 F E. L.S.L.S. 2355 Ad F 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 12 20.2 47 M E. L.S.L.S. 2000 Ad F 12 20.2		The second		2250	N	11	7			L		Formed hand
Myths social from the Fig. 2255 W F NR 110 544 M Spoth was not seen to be a social from the first of the firs		114	1	2250	3	H	Z	138	715	2	_	
MVOH'S SOCIETY TO THE PORT OF		THE	J. 187. G.	2255	>	П	NA	0111	44	2		-
E. Füscus 2300 Ad F PL 23.2 45 F F F Lusques 2300 Ad F PL 20.2 45 F F F Lusques 2375 Ad F PL 20.2 45 F F F Lusques 2375 Ad F PL 20.2 45 F F F Lusques 2375 Ad F PL 20.0 47 F F F Lusques 2375 Ad F PL 20.0 47 F F F F Lusques 2375 Ad F PL 20.0 47 F F F F Lusques 2375 Ad F PL 20.0 47 F F F F Lusques 2375 Ad F PL 20.0 47 F F F F Lusques 2375 Ad F PL 20.0 47 F F F F F Lusques 2375 Ad F F F F F F F F F F F F F F F F F F	1	がきつと	CONTACTORE !	3300	Ad	H	10	7.	3	H	0	4/2
E - Fusious 2375 Ag M	-	1	August .	2300	And	4	70	23.2	631	4	0	N/A
E fusion Waster Constion Construction Construc		H	1	2332	PA	2	4	17.2	17/2	2	0	N/N
E + 4.2 0 2 3 3 5 AQ F	- 1	140	5120	2225	AN	14	ĈŁ,	1	Y.	4	0	No.
F. Fu as 2835 And F. L. 22,0 47 F. E. F.	-	1-	- Lingsing	OSEG	>	4	NP	14.9	4/10	2		CONTRACTOR OF THE PARTY OF THE
F. 16.5C.5) kl	furnis.	9236	AN	4		200	47	LL		
E 4, sec. 5 Ao F P P RS 47 M E 4, sec. 5 Ao F P P RS 47 M E 4, sec. 6 Ao F P P RS 47 M E 50, 3 47 M E 60, 3 47 M E 70, 3 47		1/1	freeze	0000	1	5	1	0.4	74	П	0	N/A
F. L.	*	*	A.cons	0,80	Ad	4	à	19.51	177	2		CONT. II
Tribion Visible Condition Visible Condition Visible Wind Shown by smoke but not by wind varies Visible by wind varies Visible by wind varies Visible by wind varies Visible by smoke but not by wind varies Visible by wind varies Vi			(1.5.4)	15 July	1	77	<	127	7/2	X	C	Y
Tiplion Weighte Condition Weig		117	3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	17035	V	Ш	70	18	517	4	0	Z Z
ription Smoke rass vencally Smoke tass vencally Decebor of wind shown by smoke but not by wind vanes		1	Deric	200	And	ш	B	20,3	49	2	0	MINE THE WILLS
ription Weighte Condition Writible Condition Writible Condition To the part of wind shown by smoke but not by wind varies	-	VU	****	12	14	Ц	ME	DI	6/73	2	0	まつ
nption Visible Condition Visible Condition One condition by wind varies The Condition of wind shown by smoke but not by wind varies) h	0		Till I	1	ā	8 5	615	2	C	N/2
ription Weible Condition Wrible Condition Smoke trees vertically Derection of wind shown by smoke but not by wind vanes		J.L.		I I I I								Franci Met
ription Visible Condition Smoke trees ventically Direction of wind shown by smoke but not by wind vanes	n Y	LU	-fusous		40	(4)	70	24.2		1.1.	0	N/A
ription Smoke trass ventically Direction of wind shown by smoke but not by wind vanes				1		1		1		Sco		Description
Smoke rises vencially Direction of wind shown by smoke but not by wind vanes	Der	emption	Visible Condition	5						0	++	wer than 5 small scar spots are present on the men- Less than 50% of flight membrane is depigmented (
The same of the sa	Calm Light Air		nses vertically on of wind shown by smoke but not by wi	ind varies							which is often vi	sible only with translumination. ge. Greater than 50% of wing membrane covered to

Page 2 of 2

be flaking and discolored along the majority of the forearm.

Heavy damage. Deteriorated wing membrane and necrotic fissue: Isolated holes >0.5 cm are present in membranes. Necrotic or receding plaglopatagium and/or

chiropatagium are evident.

Large branches in motion, telephone wires whistle, umbrellas used with difficulty. Whole trees in motion, inconvenience in walking against wind Breaks twigs off trees, generally impedes progress.

Strong Breeze Moderate Gale Fresh Gale Fresh Breeze

Small trees in leaf begin to sway, crested wavelets on inland water

Direction of wind shown by smoke but not by wind varies.
Wind felt on lace, leaves nustle, ordinary wind varie moved by wind.
Leaves and small bugs in constant motion, wind extends light flag.
Rasses dust and loose paper, small branches are moved.

Light Breeze Gentle Breeze Moderate Breeze

0 1-3 4-7 8-12 13-18 13-18 12-34 39-46

BAT CAPTURE DATA

Property of: Environmental Solutions & Innovations, Inc.

Date: 19 July 2011 500 County: Sorier Site name/#: Camera #: Biologists: Casar, S. Captain 00 Project #: 340.02 GPS Unit #: E952 Project Name: State:

Time	Tomn			
(xxxx h)	(00)	Wind Speed (estimated – see chart)*	% Cloud Cover (estimated)	Comments
2100	V) 70	1.7	0%	1
2130	23.7	4-7	0%0	1
2206	53.5	4-7	765/	
2230	228	4-7	2001.	
2300	24.0	6-5	1000	
2330	21.3	01-18	100%	
0000	576	レーン	100%	
0,030	246	8-10	20 VU	
0010	P. HO	01-6	75%	
08120	3.4.6	17-12	75.6%	
2000	2 50	4-5	See See	

Net/Trap/ or AnaBat	Net/Trap/ AnaBat Serial #	Latitude	Longitude	Length (m)	Height (m)	Time Up	Time Down
しき	4	N. 50 . 01	M. 5 95 . 75 . 28	9	6.2	2045	20145
なった	6	N. 5. 7. 01 .	W. 860. 215 . E.S.	0)	6.0	2050	0150
177		N	W" - 56 . 55	0	9.2	2502	0 35
175	0	N	M. 28. 75 . 28.	1	00	2100	MACA

Waypoint #

Picture #

Transmi dad lat

So Hish

Picture # /Guano/Hair Sample

Comments

Wing Index* (0-3)

RFA (mm)

¥ (6)

Repro.²

Sex (M/F)

(Ad/Jv) Age

(F/M/E) Belly

N

172,780

The Spens

PRODUKE

5,0

2225

FUELD SUCER 19

Net Placement/Site Description: Nuts A. B. & Cocness

Time	22.22
Species	Myotes Septembrishers M. Syphertrians 1.
Net	an octs
Capt #	-Massa
	Y.

* Refer to table on the back 2234 ⁷ Reproductive Condition: Female = NR PG L. PL. Male = ↑ ↓

Page 1 of



BAT CAPTURE DATA (continued)

10-201	which Robublic	Site N	Site Name/#:	is	77			Ini	Initials: 58 /	SCSK
	Species	Time	Age (Ad/Jv)	Sex (M/F)	Repro. ²	Wt (g)	RFA (mm)	Belly (F/M/E)	Wing Index* (0-3)	Comments Picture # /Guano/Hair Sample
(B)	About fisher	2230	3	2	4	23	43	4	0	N/A
1.4	2/25/)- 1	2245	1	Ц	3	133	5/7	U.S	5	N/W
	I. 41.92.	2320	1	4	ME	15.10	711	5.	0	N/A
	Filesia	2325	AN	7	4	18.5	5/7	Ш	0	N/S
		8	>	Σ	<	CT.	64	7	C	N/A
		200	H	4	2	8.51	17/17	L) —	South rise on Lune
		1282 C	3	2	4	Ň	VI.	H	Ċ	4.Z
	Contract Contract	136.	14	L	75	Vi	7	Z	9	3016-27
	10 P	2382	>	2	<	16.3	97	2	0	₹/Z
Pallan	is why willings	2355	P.	14		7.0	(2)	I	0	Porting an extension
2	7.1.5	1.162	7	2	<	3	45	2	C	27.77
}	T. Justin	0200	Del	11.	,	5	7/7	Ц	Ö	405 30
	H-1081.15	288	1	11	N	22.5	27	VI.	0	N/A
2	A Property of the	12072	Ad	5	>	30	5/7	2	0	N/A
1.7	The state of	STORE	3	ш	1	13.7	717	1	0	*Z
	11/1 SIMBO		3	4	2	22.5	7.	S	0	Total-303/
1		- 4				1		Score	يو	Description
Description	Visible Condition	ю						0		No damage. Fewer than 5 small scar spots are present on the membranes. Light damage. Less than 50% of flight membrane is depigmented (splotching).
Calm Light Air Light Breeze Gente Breeze Moderate Breeze	Smake rises vertically. Orrection of wind strown by smoke but not by wind varies. Wind felt on face, leaves rustle, ordinary wind varie moved by wind. Usaves and small wings in constant motion, wind extends light flag. Raises dust and loose paper, small branches are moved.	and vanes vane moved by wind dextends light flag are moved		=1-1-1-1-1				2	Which is often vis Moderate dama; (splotching). Scan necrotic tissue an be flaking and dis	which is often visible only with translumination. Moderate damage. Greater than 50% of wing membrane covered with scar tissue (spleiching). Scarring is visible without translumination. Membrane exhibits some legicitize is such expected tessue and possibly lew small holdes (G.) 5 cm diameter). Forearm skin may be fishing and discolored along the majority of the torearm.
Fresh Breeze Strong Breeze Moderate Cale	Small trees in leaf begin to sway, crested wavelets on inland water. Large branches in motion, telephone wires whistle, untibrellas used with Whole trees in motion, inconvenience in walking against wind.	elets on inland water istle, umbrellas user ig against wind	s with difficulty					m		Heavy damage. Deteriorated wing membrane and necrotic tissue. Isolated holes >0.5 cm are present in membranes. Necrotic or receding plagopatagum and/or chiropatagium are evident.
Fresh Gale	Breaks twos off trees: generally impedes progress	roce								



Property of: Environmental Solutions & Innovations, Inc. 4525 Este Avenue. Cincinnati, OH 45232 (Phone: 513-451-1777)

NET SITE HABITAT DESCRIPTION

Project #	#: 340	D:	ate: 19-30 + 11	Biolog	ists: 2. Cosis	7.01	
Project I	Name: 100	Lhic			ame/#: 26		
State:	Co	unty: 56,000	V.	USGS	Quad: Firesi	de	
Net/Trap/ or AnaBat	Net/Trap/		Latitude		ngitude	Picture #	Waypoint #
	N,	41.10	1 3211 "N		· 54.5 W	157	
10	10		31.3"N	10.00	1 54 7"W	85%	
	N/	1110 10	99,6'N	00	157/ W	857	
Distance	to closest water	and the same of th	' "N	Typ	e of water sour	on star	
	urce name:		-	Тур	e or water sour	Ircan	
ESTIMAT	TED WATER S	OURCE CHA	RACTERISTICS (IF UNDER N	IFTS): N/A		
			nnel Width:			mete	re
			erCobble				115
VEGETA); A	verage Water Dep	otn:m o	r cm Clarity (H,M,L):	-
	t Canopy Speci	es /> 40 cm/	I6" dbb)	Lubdominant	Çanopy Specie	22/2/10	140" 1661
	us alka			Acerru		es (~ 40 cm	1/10 dbn)
-1	rubrum			M	cehtrum		
					pensylva		
Estimated	d dbh range: Lo	1:65 Sr	and the		h range: Lg: 3	2.4	
			ubdominant (ratio)		range, Lg. S	7_ 5111.	10_
	d canopy closur		Closed	1-1-2-	- Moderate		Open
	e potential cons		7.3	es	✓Snags		Neither
			High		Moderate	~ /	-ow
	tential commen						
	oy clutter:		Closed		_ ∠Moderate		Open
Subcanor	by comprised la	rgely of:	Lower Bra Canopy Tr		Z≲aplings		Shrubs
Common	Subcanopy Spe	ecies;					
Habitat D	escription: La	rae Was	dot surrou	And he	crop land	/	
	abitat: N/A	9	4101	ia est ny	STOP TUND		
	that apply:						
Mature	Upland Forest		ly Logged Forest	VCrop/P	asture Land	Oth	ner
	Upland Forest	Forest		Stream	/River		
the state of the s	Lowland Fores Lowland Forest			Vernal	Pool ater Lake/Pond	-	
	us Cover:	Sparse	Moderate				
Revised April		oharse.	woderate	Dense	4		



NET SITE HABITAT DESCRIPTION (continued)

roject #: 340.0z	State/County: OH/Seneca	Site Name/#: 26	Initials:
Toject #. 3/0.00	SKETCH: NETS and AnaBat (if	A and B	/
	and Anabat (ii	useuj	//
N	Crops		
M			//
TIN	AB)		//
V			
	TR 136	Trails JA	
	A LAV	Trails /	
Crops		27/18	
- /		(2) \ //	
		2	
C 27		>>11	
0	Wood		
	lot	11-11	
1			
17	// C10/		
	// -/0/	-5	
	-		
LEGEND	. //	COMMENTS	
Nets:			
			_
	1		

Property of, Environmental Solutions & Innovations, Inc. 781 Neeb Road, Cincinnati, OH 45233 (Phone: 513-451-1777)

BAT CAPTURE DATA

Date: 15 Jul 201 Project Name: Repubblic Project #: 340.01

Sensco County: Biologists: J. Busiaer State: OH

Site name/#: 30

Camera #: 00 GPS Unit #: 55 455

MOON PHASE*

Waxing gibbous Last quarter New moon

Waxing crescent Waning crescent Full moon

Waning gibbous First quarter

Time (0000 h)	Temp (°C)	Wind Speed (estimated – see chart)*	Wind Direction: From to	% Cloud Cover (estimated)	Comments
CISIL	23.6	-3		(000)	
30	30	0)	(00%)	
2300				45	
2230					
3300					
2330				1	
0000	- CE	0	l	20ch	
0020					
0105					
60					
DUOD	84	0		1007	

Net/Trap/Anabat	Net/Trap Type ¹		ĥ	Latitude	de			Long	-ongitude		Length (m)	Height (m)	Time Up (0000 h)	Time Down (0000 h)	5
. 4	Nos	15	11 .	-	22.4	N.	.78	55	54	W. 10	6	0	3080	155	- 4
d	2	16	1 3	1-	3/13	N.	3	55	53	Ma &		9)	3035	200	7.0
n c	400	5	01 .		29.	Z4.6 "N	27.	55	521	M _m	00	9	SOYD	205	
0	net.	16	10	1			28	53	53,	7	,	9	30,45	210	-

Picture #

038

858

Net Placement/Site Description:

#	#	Species	Time	(Ad/Jv)	(M/F)	, colder	(B)	(mm)	(F/M/E)	(0-3)	Picture # /Guano/Hair Sample
	60	Eriezione fascus	03/30	An	4	70	17	45	Ш	0	825,
CE	0	Munder Statement Charles	21.20	Ad	LE	70	6.75	37	W	Ō	*8310, 839V
W.	d	F 411 CMS	22,00	AN	U	78	-6	50	N	0	
2	d	P. S. C. S. C. S. C. S. S. S. S. C. S.	22.30	户	11	NK	14.45	HH	Σ	0	
I.C.	A	C.	3330	5	×	6	19,79	96	M	0	
1	9	theese	2230	70	10	70	24.5	43	L	0	
7	0	F Fuscus	2230	AG		R	24.75	17	I	0	
00	()	P. Discus	3450	Til	Z	4	G35	90	I	C	
8	5	E Discuss	RABO	P V	الله	8	5	1,5	Z	0	
0	2		3830	AN	Σ	>	7.5	2110	19/	0	*

¹ M = Monofilament, ON = Old Nylon, NN = New Nylon, HT = Harp Trap; A = Anabat * Refer to table on the back.

Page 1 of 3



Project #:

BAT CAPTURE DATA (continued)

Project Name: Republish

Date: 15 Jul 2011

Cito Namol#. 210

54.	Contraction of	Sile	סווב ואמווה/#.	2					initials:	
Capt Net	Species	Time	Age (Ad/Jv)	Sex (M/F)	Repro. ²	Wt (9)	RFA (mm)	Belly (F/M/E)	Wing Index* (0-3)	Comments Picture # /Guano/Hair Sample
0	£ fuscus	3230	Ad	_	2	18,5	THE	2		
5	E. FUSCUS	2330	JIV	Z	+	15,75	Fin	Σ	0	
1.00 C.	E. ANSKUIS	4830	Ad	2	>	10	村	L	0	*
0	E AUSULS	9730	Ad	u	7d	17.5	44	2	C	
0	E. Auscus	2930	AC	2	>	16,25	47	2	0	米
0	E flyscus	3330	Ad	V	->	do	17/17	H	O	¥
0	E. ANSCUS	3230	Ad	id.	29	00	25	3	0	
	E AUSONS	4500		L	NK	7	7	2	0	
4	E. ALSCINS	25.00	70	T.	NR	15	47	Z	0	
0	6 PUSSULS	0300	NA	L.	78	24	78	IT	0	
2)	E fuscus	3300	Ach	-	8	57.5	T.	M	0	
2)	E Phishus	03300	Ad	M	7	17	2(5)	L	0	X
C	E. Ausous	2300	40.	(L)	Pl	20.0	THE	A	C	
0	E EUSUS	0188	Pas	4	78	76	17	L	0	
(3	E -175645	2360	40	ů.	20	1.0	170	14	0	
0	F AUST 18	9300	Ad	2	4	18,25	50	T	0	*
a'	E FASCUS	2330	AN	الما	PL	24,35	179	W	0	041.27
Di	E. From 45	1345	Ad	M	1	17.25	74	Z	0	*
Q	t.f. uscus	5355	401	M	<	7 0 5/	27	1	0	

Beaufort Wind Scale

Visible Condition Smoke rises vertically Direction of wind shown by smoke but not by wind vanes Wind felt on face; leaves nustle; ordinary wind vane moved by wind Leaves and small buigs in constant molion; wand extends light flag Raises dust and loose paper; small branches are moved Small bress in leaf begin to sway; crested wavelust on inland water Large branches in motion; leleptone wives whistle; unbrellass used with difficulty Windle bress in motion; inconvenience in walking unbrellass used with difficulty

2010 Lunar Phases

Score	0		-				2			63
		Apr 6								
		Mar 29								
First	Quarter	Mar 23	Apr 21	May 20	Jun 18	Jul 18	Aug 16	Sep 15	Oct 14	Nov 13
New	Moon	Feb 13	Mar 15	Apr 14	May 13	Jun 12	Jul 11	Aug 9	Sep 8	Oct 7

Wing Index Key

Score	Description
0	No damage. Fewer than 5 small scar spots are present on the membranes.
-	Light damage. Less than 50% of hight membrane is depigmented (splotching), which is often visible only with translumination.
2	Moderate damage. Greater than 50% of wing membrane covered with scar tissue (sploiching). Scarning is visible without translumination. Membrane exhibits some necrolic tissue and possibly few small holes (<0.5 cm diameter). Forearm skin may be flaking and discolored along the majority of the forearm.
	Heavy damage. Deteriorated wing membrane and necrotic tissue. Isolated holes >0.5 cm are present in membranes. Necrotic or receding plagiopalagium and/or phonomers are necessarial to the property of the pro





BAT CAPTURE DATA (continued)

Picture # /Guano/Hair Sample Comments SAMAR Wing Index* (0-3) 0 Initials: Belly (F/M/E) 177 I CI 5/2 RFA (mm) かれ 53 41 7 17 1 75 5 20,75 2175 20,24 510 175 50 5,33 00 1/3 ¥ (6 10 00 Repro.² AA 8 0 8 30 3 Sex (MIF) 4 2 Val. Age (Ad/Jv) VI Site Name/#: (J B Date: 5100 0000 00/10 000 200 S 673 0816 19000 200 312/2 Time SECHUSTORIALLE Seat entrionalis Species M. Scoto, Mindie REDAMIC Septertropalis ANSW. Fusing. AN SULS Postus 5 F AUSKILS E. Fuscus A STORY Project #: 346.61 2 Project Name: 50 3 Net 6 # Capt # (1) 33 73 00 I 00

Beaufort Wind Scale

(mph)	Description	Visible Condition
0	Calm	Smoke rises vertically
1-3	Light Air	Direction of wind shown by smoke but not by wind vanes
4-7	Light Breeze	Wind felt on face; leaves rustle; ordinary wind vane moved by wind
8-12	Gentle Breeze	Leaves and small twigs in constant motion; wind extends light flag
13-18	Moderate Breeze	Raises dust and loose paper; small branches are moved
19-24	Fresh Breeze	Small trees in leaf begin to sway, crested wavelets on inland water
25-31	Strong Breeze	Large branches in motion; telephone wires whistle; umbrellas used with difficulty
32-38	Moderate Gale	Whole trees in motion; inconvenience in walking against wind
39-46	Fresh Gale	Breaks twigs off trees, generally impedes progress

2010 Lunar Phases

New	First Quarter	Full	Last Quarter
Feb 13	Mar 23		
Mar 15	Apr 21		
Apr 14	May 20		
May 13	Jun 18		
Jun 12	Jul 18		
Jul 11	Aug 16		
Aug 9	Sep 15		
Sep 8	Oct 14		
Oct 7	Nov 13		

Wing Index Key

Score	Description
	No damage. Fewer than 5 small scar spots are present on the membranes.
	 Light damage. Less than 50% of flight membrane is depigmented (splotching), which is often visible only with translumination.
	Moderate damage. Greater than 50% of wing membrane covered with scar tissue (spioluting). Scarning is visible without translumination. Membrane exhibits some necroits tissue and possibly few small holes (<0.5 cm diameter). Forearm skin may be flaking and discolored along the majority of the forearm.
	Heavy damage. Deteriorated wing membrane and necrotic tissue, isolated holes 0.5 cm are present in membranes. Necrotic or receding plagiopatagium and/or chiorotatanum are evident.





BAT CAPTURE DATA

Alexa bant Camera #: Car Date: 18 July 2611 Flynn, County: SEMECO Basioer Project #: 340,01 Project Name: Reputoly GPS Unit #: 1/2 4 2 6 2 7 Jack Site name/#: State: OH Biologists:

MOON PHASE*

Waxing gibbous Last quarter New moon

Waxing crescent Waning crescent

Full moon

Waning gibbous X First quarter

			THE PROPERTY OF THE PARTY OF TH		
Time (0000 h)	Temp (°C)	Wind Speed (estimated – see chart)*	Wind Direction: From to	% Cloud Cover (estimated)	Comments
2	72.0	2-1	SCN	0	
77.7	24.3	1-3	SCH	Ø	
0.0	135	4-7	MAE	06	
20	351				

et/Trap/Anabat	Net/Trap Type1		Latitude	Longitude	Length (m)	Height (m)	Time Up (0000 h)	Time Down (0000 h)	Picture #
a	Alla	0	10. · SEW *N	M. 5 75 . 55 . ES	10	2		SSIO	1458
200	17 N		N. (S)	M	27	6		002	858
	NEX		N. 163 .0/	Ma le responsable	6	27		202	8591

Net Placement/Site Description:

Capt #	*			200	1		(6)	(IIIIII)	-		
	0	LACHUMA DOLLOWIS	2130	3	4	NR	8.25	38	9	0	Buss
	X	From Con Now US	2000	TX	17	70	21.0	45	NS	0	
	1	50 hscus 2 05005	7700	XX	SV	>	17.5	44	W	0	
	X	Ephsius Pusius	770D	AA	La la	70	18,5	46	M	_	
10	U	TOPICOS PISCOS	257.7	3	44	NR	5.3	44	W	0	
		BONCOS POSCOS	2130	3	3	4	17.0	431	N	0	
1	0	Fotisms Rosers	7227	3	(1	NP	0.31	46	W	0	
	14	F ON CIR FUSCUS	7735	PA	4	3	72.0	49	L	0	
6	4	TACHER PONDING	22.25	2	14	2	10,0	42	5	0	
-	0	Enthous Sicous	7720	XX	W	7	19.51	45	4	0	

800

210

3000

10

TRADTSIDE

Nex



Project #:

BAT CAPTURE DATA (continued)

Date:

Project Name:		Site	Site Name/#:					iu .	Initials:	
Capt Net	Species	Time	Age (Ad/Jv)	Sex (M/F)	Repro. 2	Wt (g)	RFA (mm)	Belly (F/M/E)	Wing Index* (0-3)	Comments Picture # /Guano/Hair Sample
Z Z	F DASCUS LUSCUT	2222	3	4	NR	18,0	44	17	0	
0 7	My 103 Septendivonalis	MISH	7	M	NR	0	37	W	0	
5 V	Fohsou	1363	AN	3	<	(S.2)	41	8	0	
IN D	EDHSWS MGLUS	73,10	1	4	NE	200	40	Ŋ	0	
12	Forhsey Fuscus	0121	A	1	70	70.5	17	17	0	
2 71	FONSON FUSION	7210	KY	XX	1	0.8	400	4	0	
13 (FONCE PUCK	3310	A.A.	П	70	20.5	4	4	Q	
7 0	TONGER POSICE	72 48	KA	L	٥	N.C.	VOV	4	C	
D E	FORKUL PUSTUS	2340	2	X	6	16.5	Ch	LL-		
30	PUSI	03E8	3	8	4	0,5	44	4	0	
21.00	3	7475	100	VV	\$	15.0	44	77	0	
a.	ANUS	7425	17	VV	6	0.51	49	L.	0	
The The	2	74 05	7	1	NR	150	47	11	0	
5	KINS PAYIN	2010	AA	IL.	70	71.5	to	17	Ø	
1.5	Sousons	2935	3	X	NK	いら	44	W	0	
					0.00	Č				Wine Inday Ven

1		2000
17.7.11		2
111		2
1	o d	3

(mph) 0 1-3	Description Calm Light Air	Visible Condition Smoke rises vertically Direction of wind shown by smoke but not by wind vanes
	Light Breeze	Wind felt on face; leaves rustle, ordinary wind vane moved by wind
	Gentle Breeze	Leaves and small twigs in constant motion; wind extends light flag
	Moderate Breeze	Raises dust and loose paper; small branches are moved
	Fresh Breeze	Small trees in leaf begin to sway, crested wavelets on inland water
	Strong Breeze	Large branches in motion; telephone wires whistle; umbrellas used with difficulty
	Moderate Gale	Whole trees in motion; inconvenience in walking against wind
	Fresh Gale	Breaks twips off trees; generally impedes propress

2010 Lunar Phases

New	First	Full	Last
Feb 13			
Mar 15			
Apr 14			
May 13			
Jun 12			
Jul 11			
Aug 9			
Sep 8			
Oct 7			

Wing Index Key

Score	Description
	No damage. Fewer than 5 small scar spots are present on the membranes.
	Light damage. Less than 50% of flight membrane is depigmented (splotching), which is often visible only with translumination.
	Moderate damage, Greater than 50% of wing membrane covered with scar tissue (sploithing). Scaring is visible without parisiumiation, Membrane exhibits some necrotic tissue and possibly few small holes (<0.5 cm diameter). Forearm skin may be flaking and discolored along the majority of the Greatm.
	Heavy damage. Deteriorated wing membrane and necrotic tissue. Isolated holes >0.5 cm are present in membranes. Necrotic or receding plagiopatagium and/or chiropatagium are evident.



Property of: Environmental Solutions & Innovations, Inc. 781 Neeb Road. Cincinnati, OH 45233 (Phone: 513-451-1777)

NET SITE HABITAT DESCRIPTION

Project #: 340.02 Date: 16 July 2611	Biologists: V. Brack. 3 Provis
Project Name: Tetratech Republic	Site Name/#: 574 27
State: CH County: Space	USGS Quad: Fireside
Camera #: 6-1 Picture #s: 1972-0218 Latitude: 41 ° 09 '27.1 "N Distance to closest water source (meters): 5 m Water source name: 1974 4 m 4 m 4 m 4	GPS Unit #: <u>G7406</u> Waypoint #: <u>340</u> Longitude: <u>82 ° 59 ' 20,5</u> "W Type of water source: <u>pand</u>
ESTIMATED WATER SOURCE CHARACTERISTICS	(IF UNDER NETS):
Bank Height: MA meters Channel Width:	meters Stream Width:M_meters
Substratum: MBedrockBoulderCobble	GravelSandSilt/Clay
Still Water Present (Y/N): Average Water De	epth: Mm or cm Clarity (H,M,L)
VEGETATION:	
	dominant Canopy Species (< 40 cm/16" dbh)
Fravious prinsylvanion 6	Samue Acutus
Aurenis Dalustris 1	True grading william
Estimated dbh range: Lg: 120m Sm: 40m Estimated	mated dbh range: Lg: 31/m Sm: 18/2 m
Relative abundance of dominant vs. subdominant (ratio	o):
Estimated canopy closure:	ModerateOpen
Roost tree potential consists of:Large Tree	sSnagsBoth Neither
Roost tree potential for the area is:High	Low
Roost potential comments: high side of moder	ate learning times of think
Subcanopy clutter:Closed	ModerateOpen
Subcanopy comprised largely of: Lower Bran Canopy Tre	
Common Subcanopy Species:	county of the same of the north of the
Habitat Description: 1-la11111	2 parts a robov income
Check all that apply: Recently Logged Forest Young Upland Forest Pine Plantation Mature Lowland Forest Woodlot/ForestEdge Young Lowland Forest Old Field Herbaceous Cover: Sparse Moderate	Crop/Pasture LandShrub/scrub SwampVernal PoolYoungStream/RiverVernal PoolYoungOtherYoungYoungOtherYoungY



Property of: Environmental Solutions & Innovations, Inc. 781 Neeb Road. Cincinnati, OH 45233 (Phone: 513-451-1777)

NET SITE HABITAT DESCRIPTION (continued)

Project #: 340.02	State/County: Seneca	104	Site Name/#: Sirea7	Initials: SR
-10000	SKETC	H: NETS		
N	10/ 17/14V	Var Val	4	
- 10 Me 26 5	To layer	11/11/11		
MIL	- A	Val.	777	
	11	17.18	1.30	
1 4 Ch 3	1 2 3 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2	12 mlc	3136	
37		THE	200	1
17 3 Woodlo		130	FM.	
Jan Jonnet	1 40	275	in the same	
	Zalay -	200	1	×1
THE COLUMN	ma ma	01-1	Sayth	110
Vin	MA		10-11	
pund	Dawn (pond	MT	1	
16.00	May May	1/2 .		
	My CT	2	1 - 1	146
-D.		XA.	1000	3-37 /
81 2-3	- 3674	1		
3 7 7	1000	S 10	Contract of the contract of th	211
210/2/	40/100	27	A Comment of the Comm	6. 1. 1
West 177	7241	140	172	4
	1 1/1 10	Sitter 1	2010	
93/363	11/1/	ONHIA POL	2/2000	red .
	27777	100	1	full.
12 13 11 1	1/3/1	1100	1 1 18	1
1 11 11	11/1 11/1	10	11 3/11/	
10 1111	1711 1 111	2//	CEAVIN	
LEGEND		(COMMENTS	
Nets:				
Frank Land				
Einro: +++++ Cabin: =				
Cabin!				
				_

BAT CAP

Project Name: 72+10+10 G TUING Project #: 340.02 Biologists: V. Brack State: Only GPS Unit #:

			WEATHER DATA	ATHER DATA	
APIUKE DATA	Time (xxxx h)	Temp (°C)	Wind Speed (estimated – see chart)*	% Cloud	Comments
The second second	2/00	23	9	062	
Date: 110 July 2011	2/30	22.9	- 0	.032	
Complice.	2200	22.7	C C	100	
7	>230	21:3		0.9%	
Site name/#:	73,01		1-3	120	1
County: Swales	2330	22.5	12/	300	
ON 190	CANC	21.8	Jan Jan		
Camera #:	A635	21.50	1-2		
	00/0	21.4	1-2		
	0880	23.2	121		
	. 020Cl	21.4	1 - 1		

6.21	/Trap/ naBat	Net/Trap/ AnaBat Serial #		_	atitude			Longitude	de	Length (m)	Height (m)	Time Up	Time Up Time Down	Picture #	Waypoint #
C = 05 0 "N " "W 0 6.2 2.56 0150 6.191	1	V.	0	2		Ž	60	1 10	M.,	0	0.0	SNAS	\$410	RIGH	120
	1 =	0	0	00	100	N.	٥		M _u	0	10.2	27.0	0210	Caran	000
	1		0	0.5	1.50	Z	٥	-	M _n	0	(6.2)	20.55	01510	F.75.3	18

Net Placement/Site Description: Notes A Procession

actived supply after many and

apt Net/	Species	Time	Age (Ad/Jv)	Sex (M/F)	Repro. ²	(d)	RFA (mm)	Belly	Wing Index*	Comments Dicture # (Guano/Mair Sample
0	Losiurus bazalis	2/20	3	П	¥	10.01	17	W.	6	New NOVA
o N	L. Voralls	2120	2	1	27	6	Uh.	M	E	N/M
0	Towns from .	3/3/	P.A	11		18.1	3/6	11	_	0210 - 011
0	F. Fuspirs.	2158	TOV.	14	P	1,00	53	U	7	April (Maria)
9	7 100000	0166	An	2	10.	W	775	()		

* Refer to table on the back Reproductive Condition. Female = NR PG L.P.L. Male = 7.

Page 1 of

1)

60

0



BAT CAPTURE DATA (continued)

1	ple						1			1			-			splotching).	with scar bissue	earm skin may	Isolated holes	
SR	Comments Picture # /Guano/Hair Sample	7007201	1	0213/0214											Description	No damage. Fewer than 5 small scar spots are present on the membranes. Light damage. Less than 50% of flight membrane is depigmented (spicitining).	which is often visible only with translumination.	Moderate damage: Create user for or ming manual membrane exhibits some (spotching). Scarning is visible without translumination. Membrane exhibits some necrotic bissue and possibly lew small holes (<0.5 cm dameter). Forearm skin may	be flaking and discolored along the fraighting of the lorearin. Heavy damage. Determinated wing membrane and necrobo tissue isolated holes >0.5 cm are present in membranes. Necrobo or receding plagopalagum and/or controlled to the controlled to	Page 2 of
Initials: JB	Wing Index* (0-3)	0	H	0	00		1								11-	1	which is often ve	(splotching). Scr necrotic tissue a		o constant and
Initi	Belly (F/M/E)	<	1	111	7 8										Score	0			2	
	RFA (mm)	9	15	30	No							i								
	Wt (g)	15.0	1/2	0.	17 V		1													
60	Repro. ²	F	125	4	**										1	,				
(62	Sex (M/F)	8	8	1	8 3										1		-		- 1-1-	
Site Name/#:	Age (Ad/ Iv)	R	1	17	di			1			+-		1		1		-	p	er ed with difficulty	
Site	Time	20.88	7215	2320	0750	7	1	+	,		1	-	,		- 1	ndition		Smoke rises verocally Ovection of wind shown by smoke but not by wind vanes Wind felt on face, leaves rusde, ordinary wind vane moved by wind	Leaves, and small twigs in constant incloon, wind extends light lad. Raises dust and loose paper, small branches are moved. Small frees in leaf begin to sway, crested wavelets on inland water.	Large branches in motion, belephone with which which which trees in motion, inconvenience in walking against which
			-)	ralis	No. L.	1		1	1	 ì	į	1		1		Visible Condition	-	n by smoke but not es rustle, ordinary w	s in constant motion paper, small brand in to sway, crested	inconvenience in v
	Speci	000	sile alis	other-trio	かったいます	2000 CO		1	0							1	The state of the s	Smoke rises verocally Direction of wind shown by smoke but not by wind values Wind felt on face, leaves rusbe, ordinary wind value move	Leaves and small twgs in constant motion; wind extends Raises dust and loose paper; small branches are moved Raises dust and loose paper; small branches are moved Small trees in leaf begin to sway, created wavefels on in	Large branches in motion, telephone with animate wind wind Whole trees in motion, inconvenience in walking against wind
TAN		5 Jus.	2.	3 1	b 30	7.7	*			·)	-				Description		Calm Light Air Light Breeze	Gentle Breeze Moderate Breeze Fresh Breeze	Strong Breeze Moderate Gale
Project #:	Project Name: Capt Net	**	A	7 5	121	7										Wind Speed	(Hdm)	0 2.3	8-12 13-18	32-38

Property of: Environmental Solutions & Innovations, Inc. 4525 Este Avenue. Cincinnati, OH 45232 (Phone: 513-451-1777)

ESI

BAT CAPTURE DATA

Site 27 Seneca Date: 26 July Site name/#: Camera #: County: Project Name: Tetra tea Project #: 340.02 3086 Trac GPS Unit #: Biologists: State:

(xxxx h)	Temp (°C)	Wind Speed (estimated – see chart)*	% Cloud Cover (estimated)	Comments
2100	0.10		10%	
2130	22.1		10%	\
2200	22:1		Y 0 -	\
2230	21.8	1	0	
2300	17.14		O	1
2330	6		0	\
0000	19.3	\	0	\
0800	19.3	1	٥	
0010	19.3	1	0)
0130	6.91)	0	
0200	18.7	\	0	ı

Z ō	net/1 rap/ or AnaBat	AnaBat Serial #			Ľ	atitud	Ф	1	annii Biran		(E)	(m)	(xxxx h)	(xxxx h)	Licinica	" and house
	11/24	A	14	0	60	*	N. 1.75	W" 20,05 " 90,5 "W	1.00.	M. 5	9	0	3.045	6.2 3.095 6200	6200 100-0193	100
	Alat	U	16	q	60	+	Na 9 12	65.58	. 22	Ma 2	2	6.3	3050	2020	010	0.12
	Not		17	0	60		30.1 "N	Wa 122 . 82 . 8	. 22	Ma	0	6.2	2005	0210	00-0003	0 33
	1/0+) E	Ih	0	50		N. 0.85	W" 1.72 . 82 . 28	. 27	M _u	12	8.2		5120	22.8	52%

aldmi								
Comments Picture # /Guano/Hair Sample		\	Pica sed Met		Escaped Mat	Escaped Nat		
Wing Index* (0-3)	0	0	1	0		I	0	0
Belly (F/M/E)	177	Z.		4			Z	3
RFA (mm)	38.0	46.0		44.0			44.0	45.0
Wt (9)	8	57.3		16.3			16.9	57
Repro. ²	7	NR		NR			4	4
Sex (M/F)	1	1		11			M	4
Age (Ad/Jv)	35	3		10	1	1	30	27
Time	2/20	21/15	5412	2155	2215	2215	22.15	2215
5								
Species	Lasioros Corechis	Entesteus fuscus	LOSINTES COLEALS	Entesino fuscos	Lasiveus botealis	Lasiurius borealis	Entesicus fuscus	Eptesizus fuscus
Net/ Trap	0	0	6	ies	0	0	0	0
Capt #	-	2	····	7	1	9	1	00

* Refer to table on the back 1 Reproductive Condition: Female = NR/PG/L/PL; Male = ↑/↓

+useus

Entesieus

0

Page 1 of

0

1

1

0.0

NR

22.5



BAT CAPTURE DATA (continued)

Project #:	340,02	Date:		00	170 3014 20/1					4
Project Name:	Terratech / Republic	Site	Site Name/#:	1.50	272			T.	Initials:	
Capt Net	Species	Time	Age (Ad/Jv)	Sex (M/F)	Repro. ²	Wt (g)	RFA (mm)	Belly (F/M/E)	Wing Index*	Comments Picture # /Guano/Hair Sample
0	Myotis septentionalis	2215	35	1	4	6.3	32.5	X	0	
0 11	Myatis lucituaus	2215	AA	La.	NR	100	36.0	£	0	100-0286
12 0	Myor's locitories	200	20	2	4	7.5	36.0	W	0	
3	Tobesic fuscus	0000	7	T	NR	1.9	44.0	1	0	Ī
0 51	17. 1 Wishus	0.800	20	1	4	12/2	45.0	1	0	
0 51	E. Fuscos	0000	13	11	tr	20.1	45.0	3	0	1
0 9	Fuseus	0000	50	ž	4	15.0	5115	1	C	
0 1	Myatis septentianalis	00.00	20	×	4	0	34.0	{	0	T
18 18	Eptesious Fuseus	0030	10	4	NR	15.9	44.0	1	0	Γ
19 0	Fifuscus	0150	AA	14	76	20.3	0,37	X	0	
		-								
10		G								
e										
Wind Speed	Description Visible Candition	fion						Score	+	Description
								0		No damage. Fewer than 5 small scar spots are present on the membranes.

3	No damage. Fewer than 5 small sca	Light damage. Less than 50% of flight membr which is often visible only with translumination.	Moderate damage. Greater than 50% of wing membrane or (splotching). Scarring is vabile without translumination. Me necroto tissue and possibly few small holes (<0,5 cm dam. De flaking and discolored along the mejority of the horearm.	Heavy damage. Detenorated wing in >0.5 cm are present in membranes. I chiropatagium are evident.
Description	No damage. Fewer than 5 small scar spots are present on the membranes.	Light damage. Less than 50% of flight membrane is depigmented (splotching), which is often visible only with translumination.	Moderate damage. Greater than 50% of wing membrane covered with scar tissue spiciothing). Scarring is visible without transfurmation. Membrane exhibits some acrotoc issue and possibly few small holes (<0,5 cm dameter). Forearm skin may be fishing and discolored along the majority of the forearm.	Heavy damage. Deferranted wing membrane and necrotic bissue, Isolated holes >0.5 cm are present in membranes. Necrotic or receding plagiopatagium and/or chirocatagium are evident.

Small treas in leaf begin to sway, crested wavelets on inland water Large branches in motion, telephone wires whistle; umbrellas used with difficulty. Whole trees in motion, moonvenience in walking against wind Breaks Wigs off trees, generally impedes progress

Smoke rises vertically
Direction of wind shown by smoke but not by wind vanes.
Wind felt on face: leaves rustle, ordinary wind vane moved by wind
Leaves and small twigs in constant motion, wind extends light flag.
Raises dust and loose paper, small branches are moved

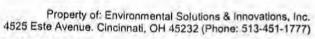
Gentle Breeze Moderate Breeze

0 4-7 8-12 13-18 19-24 25-31 32-38 39-46

Fresh Breeze

Calm Light Air Light Breeze

Strong Breeze Moderate Gale Fresh Gale

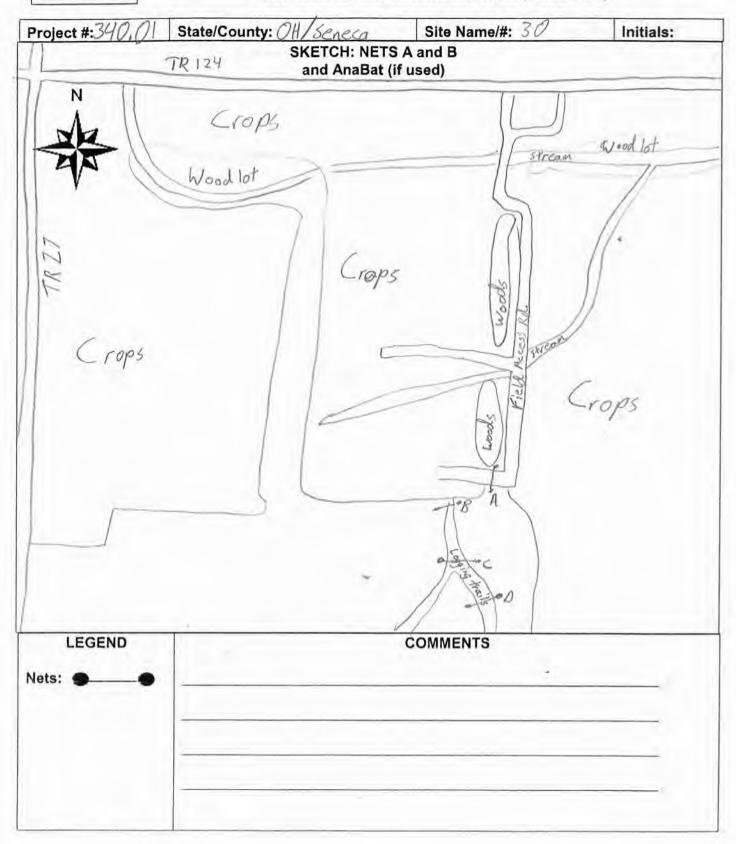




NET SITE HABITAT DESCRIPTION

Project N	lame: Repl	ublic			gists: <u> </u>	1	
	"	ounty: Senec	1		the second second	cido	
Net/Trap/	Net/Trap/		atitude		Quad: Fire	Picture #	Maunelat
or AnaBat	AnaBat Serial #	41.09		07.00			Waypoint
B	N	41 . 09	11.6 N	82.55	33.6 "W	910	30-A
C	N.	41 .09	10.6 N	22.55	34.0 W	1	30-6
0	N	41 .09	09.2 N	82.55	333 W		30-0
Distance	to closest wate	r source (mete	ers): 300	Тур	e of water sou		
Water so	urce name:	UN					
ESTIMAT	ED WATER S	OURCE CHAR	RACTERISTICS	(IF UNDER	NETS): /V/A		
			nel Width:			mete	ers
			rCobble				
			erage Water De				
VEGETA				.pesi	a one clarity	(1.1,1V1,12)	
Dominant	Canopy Speci	es (> 40 cm/16	6" dbh)	Subdominan	t Canopy Spec	ies (< 40 cn	1/16" dbb)
	us rubra	the second secon		Acer rubi		100 (- 40 011	ii io don)
Acer r	uberin			Tilea am	ericana		
Carva	ovata			Querens rub			
Estimated	dbh range: Lg	g: Sm				Sm	
			bdominant (ratio		-		
	canopy closur		1/Closed		Moderate	e (Open
Roost tree	potential cons		Large Tr	ees	Snags	-	Neither
	potential for th				Moderate		Low
			arya ovate				-044
Subcanop			Closed		Moderate	9 (- Open
	y comprised la	raely of		ranches of	17		
- District	y somprioda la	goly of.	Canopy		Saplings	1	Shrubs
Common S	Subcanopy Spe	ecies:	acer rubrur				
E-EWG/15/10		7	red I during				
Habitat De	scription: Lar	as wood 1	ote with a	van Cal	s on 3 sile	4	
AnaBat Ha	11111	ye woon is	DIS WITH E	rop riea	s on water	5	
			_				
Check all t	nat apply: Upland Forest	Pecently	Logged Forest	Vamil	and the state of	200	
	Jpland Forest	Forest Ed		Stream	asture Land /River	Oth	er
_Mature I	owland Forest	Woodlot	- J. E	Vernal			
∠Young L	owland Forest	Old Field			ater Lake/Pond		
Herbaceou	s Cover:	Sparse	Moderate	Dense			
Revised April 2	the second second	sparse	ivioderate	Dense	9		

NET SITE HABITAT DESCRIPTION (continued)



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in

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

Summary: Application Exhibit Q Part 5 of 8 electronically filed by Teresa Orahood on behalf of Dylan F. Borchers