	SP	x* Comments Picture # /Guano/Hair Sample	NA	N/A	- FSCAND NET		Renature	- Percipiture		Ŷ						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),	Milding other visione only way variable managementation. Moderate damage. Greater than 50% of wing membrane covered with scar tissue	(splotching). Scarring is visible without translummabon. Membrane exhibits some necrobic tissue and possibly the warnall holes (<0.5 cm diameter). Forearm skin may he network and vision the maintink of the forearm	terrating and successfue and successfue and successfue and successfue successfue and successfue and successfue and successfue and successfue successfue and successfue successfue and successfue successfue and successf	chiropatagum are evident Page 2 of 2
	Initials: DU	Wing Index* (0-3)	0	0		0											No damage. Light damag	Moderate da	(splotching). necrotic tissu	Heavy dama >0.5 cm are p	chiropatagiur
(panu	lnit	Belly (F/M/E)	H	N		N			,							Score	0			4	m
NAM CAPTURE, DATA (continued)		RFA (mm)	54	67		44															
		Wt (g)	175	12.4		13.7															
011	all a	Repro. ²	17	NN		X		_													
sulu 2	Site	Sex (M/F)	I	U		Z	2	11													•
22	Site Name/#:	Age (Ad/Jv)	A.d	Z	\$	2	17	Ad												with difficulty	
Date:	Site N	Time	2360	2300	2200	2326	2320	2320										d vanes	extends light flag	is on inland water e, umbrellas used	against wind ss
02	tratech Runiblic	Species	Interious fuctures	F. Jushus	t Austric		5	F. Succus,									Visible Condition	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 Wigs in constant motion; wind extends light flag	Relates uss and nove paper, sum urannes are noved. Small tests in leaf begins any created wavelets on hand water Large branches in motion; leaphone wires whistle, umbrellas used with difficulty.	Whole trees in motion, inconvenience in walking against wind Breaks twigs off trees: generally impedes progress
Z40.02	Tat													-			Description	Light Air	Light Breeze Gentle Breeze	Fresh Breeze Strong Breeze	Moderate Gale Fresh Gale
Project #:	Project Name:	Capt Net # #	0	10	B	A	A	A O			_	_					peed 1)			19-24 25-31	

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Project #: 340.02 Project Name: Tetratech Biologists: DJetfod, S.R State: OH GPS Unit #: Elogylo	BAT CAPTURE DATA								WEATHER DATA			
t#: 340.02 t Name: Tetrate ists: DJeffod DH nt#: Elo84		_				Time (xxxx h)	Temp (°C)		Wind Speed (estimated – see chart)*		% Cloud Cover (estimated)	Comments
t#: 340.02 t Name: Tetrate ists: DJeffoot OH nit#: Elo8410					5		24.	0	0		80%	I
t Name: Tetrate ists: DJeffod OH nit #: Elogylo	Date: 24 JUN		100		a	130	22.	00	ଚ	S	50 %	(
ists: DJeffod	1 1. A. A. 11	David Later			a	2200	32.	-	C	1	-	
ists: <u>'V) et + cot</u> O H nit #: E lo 841 lo	110000	hit with	1		10	2230	22.	1	0	1	1	
0H /	J. Reeves Site name/#:	Stella	1		* 0	2300	22.	-	0	1	-	
nit #:	County. Solvard	Marca			14	2 3 30	21.9		0	1	1	
4		11-MIN	1			0000	21.7		0		00°/8 -	1
	Camera #:	1824	I			0.030	21.9		0		- 91.03	
						0010	21.8		1-3	N I	50%	
					2	0130	21,7		0	/	00%	
						0 2 00	22.2		0		000/0	
Net/Trap/ Net/Trap/ or AnaBat AnaBat Serial #	Latitude			Longitude	lde	Le	Length (m)	Height (m)	Time Up	Time Down (xxxx h)	n Picture #	Waypoint #
to	C. Cl . 17	N. ().(82.	. 60	7.2 "	Ma	3	200		5205	3727	023
Net B. L	C. ZI . 17	N. 5%	82.0	53.	7.7 "	Ma Ma	200	9.2 m	2025	0200	3725	024
Net C 2	2.21 · 14	N. 2'S	· 78	57 .	10.3 "	M.	22	6257	2035 (0/50	3730	025
wet D	2.21.14	N" 2.7	82 .	. 15	10, 8 "	Ma	le m	624	2 ph2	0145	3731-32	2 026
Net Placement/Site Description:	Nets A4 (San old	NUMIN	ay, h	Lets B	Bull In	fice	hallostad	d woodict		witherhowerst	peols after rain
Capt Net/ Spe # Trap	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	ents o/Hair Sample
mustig	Sodalis	2120	Ad	12	PL	7.0	37.0	Ú	0	10	788 - 3799	6
2 B Folosicus A	fuscus	2205	AA	5	4	16.3	44.5	W	0	12	M.	
3 B T E. fu	(use is	2205	25	5	4	13.4	44.0	5	0	12	M.	
4 B E -64	WSULS.	2215	Ad	X	4	19.8	HS.S	X	0	2	(A	
S A E. Fus	12605	2230	20	X	K	14.7	44.0	N	0	2	IA HI	
6 C E. Fuscus	. 51	0000	Ad	11		24.0	45.5	14	0	-101	of transmitter	172,1168
T D NUCHS SED	septer transits	0000	Ad	2	4	6.2	35.0	2	C	2	AA	
8 B F. Fusi	(m)	2345	N	Z	4	13.9	42.5	Σ	0	NI	4	
9 B Nuctis lucifueus	lucifuqus	0015	N	Σ	4	7.1	30	T	0	385	3820-3827	

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Page 1 of 🖉

340.02		OteO	100 14 14 201	102 11		5		(pan		
1 5	tratech Republic	Site Nan	Name/#:	Site	llo			iul	Initials: D1	SP
	Species	Time	Age (AdlJv)	Sex (M/F)	Repro. ²	Wt (g)	RFA (mm)	Belly (F/M/E)	Wing Index* (0-3)	Comments Picture # /Guano/Hair Sample
	optis lucificans	00/5	N	1	¥	Le. G	35	M	0	N/A
	Difesions ficans	0025	Ad	2	\wedge	20.8	47.0	1	0	¥2
NIT I DA	F. Austus	0120	Ad	4	7d.	21,3	47,0	1	0	NIA
10.00	E. Ausaus	0120	Ad	N	Ł	16.4	16.0	2	C	NIA
- hide	E. Ausaro	0120	22	2	4	15.2	43.5	2	C	NA
	- fusices	0125	N	5	4	14,Z	43.0	N	0	A/A
	S. Arsars	0410	N	11	NN	16.8	420	I	0	NA
		*								
								Score		Description
	Visible Condition	5						0	No damage. Fewer Light damage. Les	No damage. Fewer than 5 small scar spots are present on the membranes. Light damage. Less than 50% of flight membrane is depigmented (splotching).
	Direction of wind shown by smoke but not by wind vanes	nd vanes						-	which is often visible Moderate damage	which is often visible only with translumination. Moderate damana Creater than 50% of wind mombrane convered with scar ficeria
	Wind felt on face; leaves rustle; ordinary wind vane moved by wind teaves and small wors in constant motion: wind extends light flam	ane moved by wind extends light flag							(splotching). Scarrin	(splotching). Scarring is visible without translumination. Membrane exhibits some
1000	Raises dust and loose paper, small branches are moved	e moved						2	be flaking and disco	necrotic tissue and possibly few small holes (<0.5 cm diameter). Forearm skin may be flaking and discolored along the majority of the forearm.
	Small trees in leaf begin to sway, crested wavelets on initiand water Large branches in motion, telephone wires whistle, umbrellas used with difficulty when or an ensure of the state of t	ets on inland water tie, umbrellas used	with difficulty						Heavy damage. De >0.5 cm are present	Heavy damage. Deteriorated wing membrane and necrotic tissue. Isolated holes >0.5 cm are present in membranes. Necrotic or receding plagiopatagium and/or
	WINDIE VEES IN MODON, INCONVENIENCE IN WAIKING ag	DUM ISUBDE								

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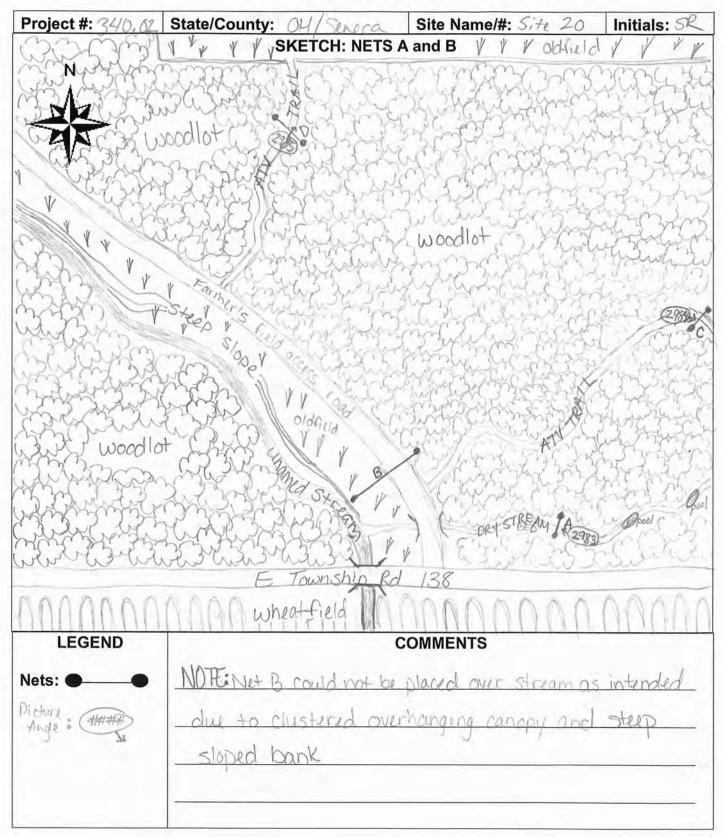
ESI NET SITE HABITAT	Property of: Environmental Solutions & Innovations, Inc. 781 Neeb Road. Cincinnati, OH 45233 (Phone: 513-451-1777) DESCRIPTION
Project #: 340.02 Date: 13 July 2011	Biologists: EBASIGER, S. REEVIS
Project Name: Tetratich Republic	Site Name/#: Site 20
State: OH County: Sureca	USGS Quad: Fireside
Camera #: EBKoddk Picture #s: 2983 - 2986 Latitude: 4/ ° // ' 04.5 "N Distance to closest water source (meters): 0 m Water source name: unamed stream	GPS Unit #: <u>79528</u> Waypoint #: <u>346</u> 26 Longitude: <u>83 ° 00 ' 26, 3 </u> "W _ Type of water source: <u>stream</u>
ESTIMATED WATER SOURCE CHARACTERISTICS	(IF UNDER NETS):
Bank Height: 6.2 meters Channel Width: 2.5	meters Stream Width: _Ometers
Substratum:BedrockBoulderCobble	GravelSandSilt/Clay
Still Water Present (Y/N): Average Water De	pth:m or cm Clarity (H,M,L): <u>///</u>
VEGETATION:	
Dominant Canopy Species (> 40 cm/16" dbh) Subo	dominant Canopy Species (< 40 cm/16" dbh)
Estimated dbh range: Lg: 10 Sm: 40 Estim	nated dbh range: Lg: <u>40</u> Sm: <u>10</u>
Relative abundance of dominant vs. subdominant (ratio	p): 1: 75
Estimated canopy closure:Closed	ModerateOpen
Roost tree potential consists of:Large Trees	Snags 💯 Both Neither
Roost tree potential for the area is:High	ModerateLow
Roost potential comments: 4-5 Snaas preser	nt
Subcanopy clutter:	ModerateOpen
Subcanopy comprised largely of:Lower Brand Canopy Tree	
Common Subcanopy Species: Sudaus August	alla Ryrus Porenavia
	present and stream in corridor
Herbaceous Cover:SparseModerate	Dense



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3

NET SITE HABITAT DESCRIPTION (continued)



					-				WEALHEK UALA	- 14		
BA	BAT CAPTURE DATA	DATA			9	Time (xxxx h)	Temp (°C)	(estim	Wind Speed (estimated – see chart)*	_	% Cloud Cover (estimated)	Comments
					0	2160	242		¢	-	20%	
Project #: 340 .02	Date: 3	3 July 2	110		0	130	26.4		0	25	5%	
Project Name. Totrate ch	0	110			17	2266	19.3		0	2	0.10	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3		~		(1	2230	1.21		0	2	0%0	
Biologists: Casiger S Roves		Site name/#: 040	0		2	2360	17.7		0	~	0%	
State: Ohix	County:	W. SUNOLO			2	336	17.2		0)	0%	
		1 1 2 2 1	1		0	0000	10,8		1-3		0%0	
GPS Unit #: + + + + > > < >	1	Camera #: UK FORAK			0	0035	110.6	0	2		0%0	1
			•			01100	10.2	2	0		0%	
						1150	16.1		0		0%	
					91	1200	15.8	~	0		0%0	1
Net/Trap/ Net/Trap/ or AnaBat AnaBat Serial #	1	Latitude		Longitude	tude		Length (m)	Height (m)	Time Up (xxxx h)	Time Down (xxxx h)	Picture #	Waypoint #
	1 • 1 <u>1</u>	N. 62,2"	63.	00	Ma pee		0	10.2	2045	0145	2985	35
ut 0	1 o Jt	Nat 69 . 1	83.	00	Nº 9.86	N	8	2.6	2050	0150	39810	36
Uct O	1.1.	N. 0.4.0.	\$3.	00	Nº 8.0C	>	0	6.2	2095	0155	89.84	TM M
A Ttan	0 2	N. E. PO.	820	00	Ma 6 VO	>	3	9.2	2100	0200	29.95	28
Net Placement/Site Description: Not A	ription: Net A	over dry stream		hed N	JLY B across wide	ross w		carridor	Nots ra	a D on	ATV +r	trails in woold
Net/ Trap	Species	Time	Age (AdIJv)	Sex (M/F)	Repro. ²	Wt (g)	RFA (mm)	Belly (F/M/E)	Wing Index* (0-3)		Comments cture # /Guano/Hai	Comments Picture # /Guano/Hair Sample
1	Mystis Santanhindra	Violalia 2150	Ad	Z	17	6.5	18	W	0	3	3456	
B Las	Lasivas borialis	0110 - 51	2 Ad	2	4	11.9	14	2	0	10	476	
- 												
1 -1 -												
1 Remoduction Condition: Econolo = NR (PC/L PL - Male = 1).	aleM Id LOG dN	- + + * Distantished in the back	the state of the state									

	C H×C	C LCITC				and the				WEALHER UALA	DAIA		
	BALC	BAI CAPIUKE DAIA	NA			Time (xxxx h)	Time cxxx h)	Temp (°C)	Wir (estimate	Wind Speed (estimated – see chart)*		% Cloud Cover (estimated)	Comments
	715 20		11.1	11.		12	20	2.11		5	-		
Lugect #:	240.04	Date:	X MM a	COM.		22	122	25.4		0	0	0	
roject Name	Project Name: Tetratco	Ch NEDUR	NIC .			- 77	22.0	23.10	D.	215	2	0	
inlonists. L	Biologists: E bacaev A	A Should the normal H. Cil.	C			124	100	13.3	0	21-1	2	0	
- mailton	1	T LOUT OILE IIGH	CI#. 3176 /			0	. 0-1	53.4		3-17		0	
State: 0/01	10	County:	SERVED	1		5	1001	[22]	60	21-12		0	
GPS Unit #:	E 9578	Camera #:	# EVIN				+						
							-	1			-		
												-	
						-							
Net/Trap/ or AnaBat	Net/Trap/ AnaBat Serial #	Latitude	ude		Longitude	ude	Length (m)	th Height (m)		Time Up T (xxxx h)	Time Down (xxxx h)	Picture #	Waypoint #
NET	¥	41 . 11	N. 2. 10	63 °	. 00	22.4 W	2	2		7045	2145	29.83	25
NET		11 0 14	N. 2.10	63 .	. 00	W" 6.22	18	6	2	0502	0519	29.8102	9
NEA	7	41 . 11 .	Nº 0. 40	0 2 8	. 00	W" 8.02	0	101	2 2	2002	6155	1584	the
NET	0	41.011.	N" 2. PQ	82 .	. 00	14, 9 m	6	2	7	0017	0700	79.85	38
et Placemen	Net Placement/Site Description:	A +M	ocross di	dry Stream	am. 1	Ut Bacross		orassy no	N. K	Uts Car	Dacros	SS AN	trails
Capt Net/	Sn	Species	Time	Age	Sex	Repro. ²	Wt	RFA Be	Belly W	Wing Index*	-	Comments	s
# Irap.+			2	(ALIDA)	(MIF)		(g) ((mm) (F/I	-	(0-3)		Picture # /Guano/Hair Sample	lair Sample
9.1	Eptesicus	S RUSLUS	25:42	N	1	NE	11	1S t		0	+ -	1	
2 0 1	Eptesicu	S. Fuscus	121:22	JUL	4	AL	5	44 6	10	C		1	
3.61	.Eptesicus	Fuscus	22.0	N	14	NEN	255 0	BE	-	C			
9.4	Epteskus	Ruscus.	12:22	Ad	17	L	315 4	16 N	V	0			
05	Eptesicus		ALLE	M	V	NR II	1.5	AS /	5	R	299	10	
0 01	E D' estats	S. FUSUS	2224	27	14	NR. 1	7	4 le r	V	0		1	
4. B	Eptesicus	SUN SUL	A1:176	NC	W	N2 -	151	1 61	5	0		(
9.0	E ptesicus	, tuscus	125.11	2	W	NP 13	21510	151 ×	3	0			
2	CA CHAVIN S	110000000	12.211 VI	1.1	1	VID 12	1	· · · ·	-	G	200	1 2 2 2 2	

Fage 1 of

4525 Este Avenue. Cincinnati, OH 45232 (Phone: 513-451-1777)	0	Comments Picture # /Guano/Hair Sample							Description No damage. Fewer than 5 small scar spices are present on the membranes. Licht Arthurane Lace than 50% of timb momentaria is decommended (exclored-initial)	Toget rearrange of my with translumination, which is often visible only with translumination. Moderate damage. Greater than 50% of wing methrane covered with scar tissue (splotching). Scarring is visible without translumination. 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 forearm. 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.
4525 Este Av	Initiale: 51	I Index*	-0-	0	30				No damage. Fewer	uptic damage: Less uarr. uptic damage: Cess uarr. Moderate damage: Great (splotching). Scarring is vis necrotic tissue and possibly heavy damage. Deterioral >0.5 cm arrepresent in mer chiropatagium are evident.
(pan	itiul	Belly (F/M/E)	NN.	a b	\$H				Score	3 2
A (contin		RFA (mm)	45	4/2	2) A 10					
E DAT		Wt (9)	19.5	11.0	18					
BAT CAPTURE DATA (continued)	1100	Repro. ²	NE	NE	1					
BAT C	Sild	Sex (M/F)	100	X						****
	Site Name/#	Time Age (AdlJv)	22/34 24	3:30 N	3.50 PA					nes coved by wind nds light flag ved ti nland water mbrellas used with difficulty nst wind
	ment Road die	pecies		A SIGNS AUX OS	ptesiuus huxu)				Visible Condition	Smoke rises verbcally 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 Rases dust and loose paper. small branches are moved Small trees in leaf begin to sway, created wavelets on inland water Large branches in motion. Itelephone wires witstle, umbrellas used with difficulty Whole trees in motion. Itelephone wires witstle, umbrellas used with difficulty Breaks wigs off trees, generally impedes progress
	Project #: 540,02	t	t bpk	1901	10.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	+ -+ -+ -+	·	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Description	Calm Light Air Light Breeze Gente Breeze Moderate Breeze Fresh Breeze Strong Breeze Moderate Gale Fresh Gale
3	Project #: 54	Capt Net # #	10. 6	12.0	24	• • •	n · · · · ·	+	Wind Speed (mph)	0 1-3 8-12 8-12 13-18 19-24 19-24 19-24 19-24 19-24 19-24 39-48

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ESI

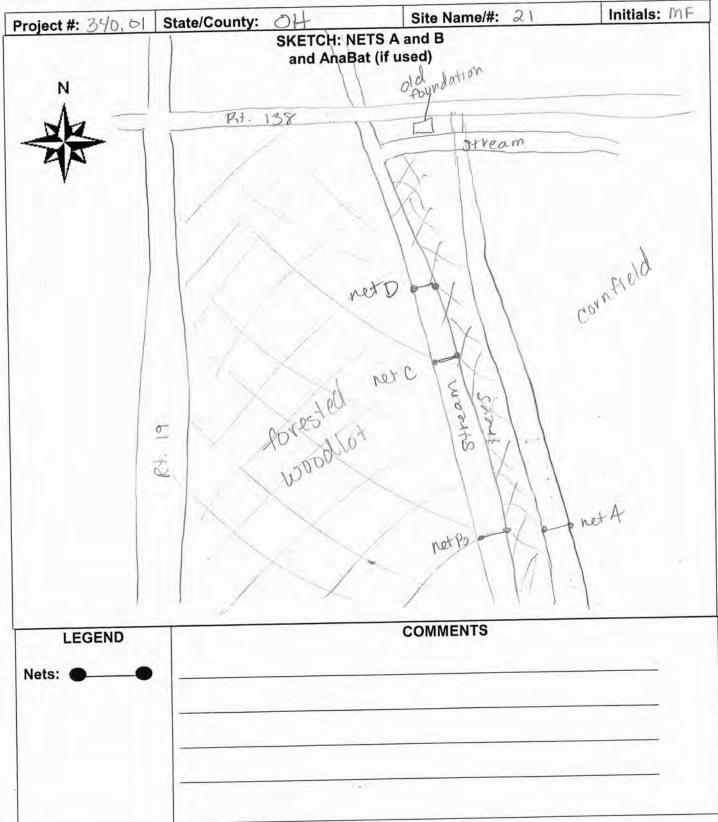
NET SITE HABITAT DESCRIPTION

	Name: Repu	blic.		_ Biologists: Site Name/#:	v	U
State:		inty: Sene	6	USGS Quad:	1.001	
Net/Trap/ or AnaBat	Net/Trap/ AnaBat Serial #		tude	Longitude	Picture #	Waypoint #
net	A	41° 10'	42.9 "N	83. 0' 13	,9"W 814	ZIA
net.	B		42.1 "N	83 0 15.0) "W 813	213
net	c	41 . 10 '	44.3 "N		6 W 815	210
Distance	to closest water		45,3"N	83° 0' 17.		1210
	urce name: Un		s): <u> </u>	_ Type of wat	er source: <u>Strea</u>	avv)
ESTIMAT	TED WATER SO	URCE CHAR	CTERISTICS	(IF UNDER NETS):		
Sec. 7. 7. 200	ght: / me			meters Stream	Width: 7 met	ore
				Gravel Stream		013
		and the second se				
VEGETA		Ave	age water De	pth: <u>0,5</u> m or cm (Janty (H(M)L):	
and and all all a	t Canopy Species	s (> 40 cm/16"	dbh) s	Subdominant Canopy	Species (< 40 a	m/16" dhh)
	r neugu			Aur he		
Au	r rubru	3		A	ubnum	
	ur sarch	and the second second second			accharum	\
	d dbh range: Lg:		40 6	Estimated dbh range:		
	abundance of dor	and a lot of the second second			<u> </u>	
	d canopy closure		Closed		oderate	Open
Roost tree	e potential consis	sts of:	Large Tre	eesSr	nags	Neither
Roost tree	e potential for the	area is:	High	M	oderate	Low
D	tential comments	: most la	inge tree	s have tigh	it bark, n	o snag
Roost pot			Closed	M	oderate	
			Closed	IVIO		Open
Subcanop		jely of:		anches of Sa	plings	Open Shrubs
Subcanop Subcanop	by clutter:		Lower Bra Canopy T	anches of Sa	plings	
Subcanop Subcanop	by clutter: by comprised larg		Lower Bra Canopy T Aar ruh	anches of <u>V</u> Sa rees <u>orum</u>	plings	
Subcanop Subcanop Common	by clutter: by comprised larg Subcanopy Spec	bies:	Lower Bra Canopy T Agr rul Agr Sac	anches of <u>V</u> Sa rees onum charum		Shrubs
Subcanop Subcanop Common Habitat De	by clutter: by comprised larg Subcanopy Spec escription: <u>]a va</u>	bies:	Lower Bra Canopy T Agr rul Agr Sac	anches of <u>V</u> Sa rees <u>orum</u>		Shrubs
Subcanop Subcanop Common Habitat De AnaBat H	by clutter: by comprised larg Subcanopy Spec escription: <u>]a va</u>	bies:	Lower Bra Canopy T Agr rul Agr Sac	anches of <u>V</u> Sa rees onum charum		Shrubs
Subcanop Subcanop Common Habitat De AnaBat H <u>Check all</u> Mature	by clutter: by comprised larg Subcanopy Spec escription: <u>arg</u> abitat: <u>that apply:</u> Upland Forest	cies:	Lower Bri Canopy T Aar ruh Aar ruh Aur Sac Of confair	anches of Sa rees onum charum ning Sm. stre	am surrou	Shrubs
Subcanop Subcanop Common Habitat De AnaBat He <u>Check all</u> Young	by clutter: by comprised larg Subcanopy Spec escription: <u>arg</u> abitat: <u>arg</u> <u>that apply:</u> Upland Forest Upland Forest	Recently I	Lower Bri Canopy T Aar ruh Aar ruh Aur Sac Of confair	anches of Sa rees omm charum ning Sm. stre Crop/Pasture La Stream/River	am surrou	Shrubs
Subcanop Subcanop Common Habitat De AnaBat H <u>Check all</u> Mature Young Mature	by clutter: by comprised larg Subcanopy Spec escription: <u>arg</u> abitat: <u>arg</u> <u>that apply:</u> Upland Forest Upland Forest Lowland Forest	Recently I	Lower Bri Canopy T Aar ruh Aar ruh Aur Sac Of confair	anches of Sa rees <u>omm</u> <u>charum</u> <u>ning Sm. stre</u> <u>Crop/Pasture La</u> <u>Stream/River</u> <u>Vernal Pool</u>	am Surrour and _Ot	Shrubs
Subcanop Subcanop Common Habitat De AnaBat H <u>Check all</u> Young Young I Young I	by clutter: by comprised larg Subcanopy Spec escription: <u>arg</u> abitat: <u>arg</u> <u>that apply:</u> Upland Forest Upland Forest	Recently I	Lower Bri Canopy T Aar ruh Aar ruh Aur Sac Of confair	anches of Sa rees omm charum ning Sm. stre Crop/Pasture La Stream/River	am Surrour and _Ot	Shrubs



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		BAI	BAT CAPTURE DATA	DATA		L				WEAT	WEATHER DATA			
	C CI C		5	1 1		Time (nnnn h)	h) Temp (°C)		Wind Speed (estimated – see chart)*		Wind Direction: From to	% Cloud Cover (estima	% Cloud Cover (estimated)	Comments
oject #	Project #: 770,0		Date: 14	July II	1	2100	5.12 0	-	1		1	.01	0.	
Project Name:		Republic				7130	1		N			251	11-	
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Site name/#·	ol# 71					52	021,6			-	11	50%.		
GPS Unit #:	24	410567	0	Camera #: Oun o	670	Cor	21.7			-		80%		
New moon	NOOL	MO	MOON PHASE* Waxing crescent	First quarter										
Waxing gibb	Waxing gibbous Last quarter	Full	Full moon Waning crescent	Waning gibbous	snoq									
Net/Trap/Anabat #		Net/Trap Type ¹	Lati	Latitude		Longitude	ide	Length (m)		Height (m)	Time Up Ti (0000 h)	Time Down (0000 h)		Picture #
- <		N	01 . 10	N. 42.9 .01	83 .	1.0	13,9 "W	18	0		2050		N8	
r a		N	Q1 . 15	N. 124.01	° 22°	1.0	S.6 "W	5	6			10	813	
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et Plac	ement/Site	Net Placement/Site Description:	01 11	45.3	23	10	7.7	2	9	-	2035 13	540	818	
Capt N	Net	0	Species	Time	Age	Sex (MIF)	Repro. ²	Wt (g)	RFA (mm) (I	Belly (F/M/E)	Wing Index* (0-3)		Com ture # /Gua	Comments Picture # /Guano/Hair Sample
#	# #	1	Luches	2150	A	n	7	19.25 0	tst.	W	0			
2	C Mar		Front	22.52	H	W	4	1 2	38	M	0	_		
N N	Ph .	the cont	to del _ nalle	2215	Pol	U	-1	5.3	25	W	5			
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K	1 1			0026		1	0.17	200	P	W	0			

17

I M = Monofilament, ON = Old Nylon, NN = New Nylon, HT = Harp Trap; A = Anabat * Defects table on the back

Page 1 of 1

BAT CAPTURE DATA (continued)

Picture # /Guano/Hair Sample Comments Wing Index* (0-3) F Initials: 0 0 0 (F/M/E) Belly W T 4 15, 8 14 Ź N RFA (mm) 47 1 0 14 34 03 40 60 35 M 18:25 500 00 0 (g) N 15 0 Repro.² 1 ×. S Æ Sex (MIF) 11 11 11 7 Date: [2Jw] (AdlJv) Site Name/#: 2 1 1 0000 2000 2000 Time 2330 51 233 2 Species Stond. Fuer S sentan. fascus FUSCAS. H-S-H-Fuscus TUSCOS The S CO. 11011-W S 4 11 91 411

> 0 0

Beaufort Wind Scale

Description Visible Condition	Calm Smoke rises vertically	Light Air 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 Pata Devote Autor of tease annually impadae montage
Wind Speed (mph)	0	1-3	4-7	8-12	13-18	19-24	25-31	32-38	20.10

Apr 6 May 5 Jun 4 Jul 4 Aug 2 Sep 1 Sep 1 Sep 1 Sep 1 Oct 30 Nov 28 Last Quarter Full Moon Mar 29 Jun 26 Jun 25 Jun 25 Sep 23 Sep 23 Nov 21 Nov 21 Mar 23 Apr 21 Jun 18 Jul 18 Aug 16 Sep 15 Oct 14 Nov 13 First Quarter Feb 13 Mar 15 Apr 14 May 13 Jun 12 Jun 12 Aug 9 Sep 8 Sep 8 New

2010 Lunar Phases

1 273

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 fissue (splothing). Scaring is visible without translumination. Membrane exhibits some necrotic tissue and possibly few small holes (<0.5 cm diameter). Forearm skin may be flaking and discobreed shorg 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
Score	0	-	5	

Wing Index Key

N Page 2 of

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

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Project Name: Project #:

Net

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TINE Fime Filme	2			DAI CAPIUKE DAIA								WEATHER DATA			
Int. Zum Zum <thzum< th=""> Zum Zum</thzum<>	1	10.01	Date.	SC INY TA	11		Time (0000 h			Wind Speed nated – see c	d chart)*	Dire	-	Cloud (estimated)	Comments
Figuration Contry: Scruto S		0.0	Card.	N NO T		1	2106	2	-	1		1	SC	1%-	
County: Cellback 2320 ISS - 400% B05/05 4 5<		Kep				1	7130	9 19.6		1		1	40	1	
Data Soger + M. Flynn 2328 P_{coc} $ -$ <td></td> <td>County:</td> <td>Serveco</td> <td></td> <td></td> <td></td> <td>7200</td> <td>9 18,8</td> <td>1</td> <td>1</td> <td></td> <td>١</td> <td>40%</td> <td>×</td> <td></td>		County:	Serveco				7200	9 18,8	1	1		١	40%	×	
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N PHASE* First quarter O (50) (5.1) O (5) (10) O (7) (11) (12) (13) (14) (12) (12) (12) (12) (13) (14) (12) (12) (13) (14) (12) (13) (14) (12) (13) (14) (12) (12) (14) (14) (12) (12) (14) (14) (12) (12) (14) (12) <							010	1.01 0	T						
Indext Strate First quarter O200 15, 1 Height Time Up Time Up Time Up Time Up Time Up First quarter Naming gibbous Latitude L Longitude Length Height Time Up Time Down Picture # H1 10 H3.5 0 1.5, 9 0 1.5, 9 2.05 8.14 H1 10 H3.5 N 8.3 0 1.5, 1 0 8.14 H1 10 H4.5 N 8.3 0 1.5, 1 0 8.14 H1 10 H4.5 N 8.3 0 1.7.1 N 8.13 H1 10 L43.5 N 8.5 0 1.7.1 N 20.50 2.15 8.15 H1 10 L43.5 N 8.6 M 0 30.50 2.15 8.15 Kucuus 2.35 M K M 0 8.14 0 0		MO	ON PHASE*				013	1	0				-		
Latitude Latitude Longitude Length Height Time Up Time Up Time Up Fiture # $H \circ$ 10 · 443.9 °N $8.5 \circ$ 0 · 13.9 °W $8.7 \circ$ 8.13 8.13 $41 \circ$ 10 · 443.6 °N $8.5 \circ$ 0 · 13.9 °W $8.7 \circ$ $2.00 \circ$ 8.14 $41 \circ$ 10 · 449.5 °N $8.3 \circ$ $0 \cdot 13.6 °N$ $6 \circ$ 3040 2.05 8.13 $41 \circ$ 10 · 449.5 °N $8.3 \circ$ $0 \cdot 17.1 ~N$ $6 \circ$ 3040 2.05 8.13 $41 \circ$ 10 · 449.5 °N $8.3 \circ$ $0 \cdot 17.1 ~N$ $6 \circ$ 2050 2.15 8.15 $6 \circ$ 2055 2.15 8.15 8.13 8.13 $6 \circ$ 2050 2.15 8.15 8.13 $6 \circ$ 2055 2.15 8.15 8.12 $8 \sim Repro.2 V 0 \circ 0 - 0.505 2.15 8.15 8 \sim Repro.2 V 0 \circ 0 \circ 0.5050 2.$			king crescent moon ing crescent	Waning	uarter g gibbous		030	-	-						
H1 10 413 71 55 0 15.0 °W 18 7 2035 206 814 41 10 443.1 °N 83° 0 15.0 °W b b 3040 205 815 41 10' 443.5 °N 83° 0 15.0 °W b b 3040 205 815 41 10' 495.5 °N 83° 0 17.7 °N b c 30505 215 815 ciste Time Age Sex Repro. ² W RFA Belly Wing Indext 100 915		Net/Trap Type ¹			-		Longitud	a	Ler		Height (m)		Time Down (0000 h)		Picture #
41. 10. $4J.1$ N 33. 0 15.0°W b b b 3040 205 813 41. 10' 4J.3°N 73.° 0 16.6°W b b ab45 210 815 41. 10' 4J.3°N 73.° 0 16.6°W b b ab45 210 815 41. 10' 4J.5.5°N 83.° 0 17.1'N b ab45 215 815 cise Time Age Sex Repro.2 W RFA Belly Wing Index* f.cune # f.cuno/Hair Sample ciselis 7370 Ad F 72 95 M 0 8200 scuus 2370 Ad F 72 97 M 0 8200 scuus 2300 Ad F 72 90.15 41 M 0 8200 scuus 2300 Ad F 72 90.15 41 M 0 8200 scuus 2000 Ad </td <td>1.000</td> <td>net</td> <td>0</td> <td>12.9</td> <td></td> <td>· 020</td> <td>. 0</td> <td>0</td> <td></td> <td>200</td> <td>6</td> <td>2035</td> <td>200</td> <td>60</td> <td>14</td>	1.000	net	0	12.9		· 020	. 0	0		200	6	2035	200	60	14
41. 10. 44.3 "N $\mathbb{R}3^{\circ}$ 0' 16.6 "W 10 6 $\mathbb{R}645$ $\mathbb{R}15$ $\mathbb{R}16$ $\mathbb{R}15$ $\mathbb{R}1615$ $\mathbb{R}155$ $\mathbb{R}15$ $\mathbb{R}155$ $\mathbb{R}15$ $\mathbb{R}155$ <		nut .	0	1.64		0 88	. 0	C		9	9	0406	205	~	
41° 10' 10' 15.3''N 73° 0' 17.7' N 6 6 3050 215 818 cies Time Age Sex Repro. Wr RFA Belly Wing Index [*] Picture # GuanoHair Sample calls 2730 Ad F 2 12,5 45 M 0 820 2300 Ad F 12 17 47 M 0 820 2300 Ad F 225 47 M 0 820 0000 Ad F 217 91 M 0 820 0000 Ad F 21 7 75 96 M 0 820 0000 Ad F 21 7 775 96 M 0 820 0000 Ad F 21 7 775 96 M 0 820 0000 Ad F 21 7 775 96 M 0 7 8100 91000 (2) Wing		tor	0			088		9		0	2	2045	210	00	2
Species Time Age Sex Repro. ² Wt RFA Belly Wing Index* Comments ss/arrus 23/30 Ad F L 12,5 4/5 M 0 3) Picture # (Guano/Hair Sample ss/arrus 2730 Ad F L 17,75 4/5 M 0 82.00 fersus 2730 Ad F RL 17 47 M 0 82.00 funcus 2300 Ad F RL 17 47 M 0 82.00 funcus 2300 Ad F PL R.35 47 M 0 82.00 funcus 0000 Ad F PL R.35 47 M 0 87.04 funcus 0000 Ad F PL R.35 47 F 0 87.04 funcus 0000 Ad F PL 80.35 47 F 0 87.04 funcus 0000 Ad F PL 80.35 47 F 0 87.04 funcus 0000 Ad F PL 30.35 47 F		ite Description	014		7	0 23	-	-		0	0	2050	215	818	
sturne borealls 230 Ad F L 12,5 45 M C 820 residues tuscues 2230 Ju M V 1775 46 M 0 turnes 2300 Ad F RL 17 47 M 0 PUSCUS 0000 Ad F RL 8:35 47 M 0 PUSCUS 0000 Ad F PL 8:35 47 M 0 PUSCUS 0000 Ad F PL 8:35 47 F 0 PUSCUS 0000 PUSCUS 0000 Ad F PL 8:35 47 F 0 PUSCUS 0000 Ad F PL 8:35 47 F 0 PUSCUS 0000 PUSCUS 0000 Ad F PL 8:35 47 F 0 PUSCUS 0000 PUSCUS 0000 PUSC	1	5	oecies	Time			-	tepro.2	Wt (g)	RFA (mm)	Belly (F/M/E)	Wing Inde (0-3)		Comi cture # /Gua	nents no/Hair Sample
Abscaus Z230 Ju N V N O Aurous Z300 Ad F RL 17 H7 M O Aurous Z300 Ad F RL 17 H7 M O Fuscus 0000 Ad F PL R.35 H7 M O existing injury (B) lung Fuscus 0000 Ad F PL Bo.75 H7 F O existing injury (B) lung Auscus 0000 Ad F PL Bo.75 H7 F O existing injury (B) lung Auscus 0000 Ad F PL Bo.75 H7 F O existing injury (B) lung Auscus 0 P P Bo.75 H7 F O existing injury (B) lung Pluscus 0 P P Bo.75 H7 F O existing injury (B) lung Pluscus P P P P P P P P P P <td>N</td> <td>100.00</td> <td>realis</td> <td>213</td> <td></td> <td></td> <td>7 2</td> <td>1</td> <td>2,5</td> <td>45</td> <td>M</td> <td>0</td> <td>82</td> <td>0</td> <td></td>	N	100.00	realis	213			7 2	1	2,5	45	M	0	82	0	
Aurus Z300 Ad F RL 17 47 M O existing injury (Q hung Puscus 0000 Ad F PL R.35 47 M O existing injury (Q hung Puscus 0000 Ad F PL 80.75 47 F O	NI		fuscus	22	30 JU		R	V 1	2175	96	M	0			
FUSCUS 0000 Ad F PL R.35 47 M O existing injuru (B) wing FUSCUS 0000 Ad F PL 2075 47 F O F F O F F O F F O F F O F F O F F O F F O F F O F F O F F F O F F F O F F F O F F F O F F F O F F F F O F F F F O F F F F O F F F O F F F F O F F F O F F F F O F F F O F F F O F F F O F F O F F O F F O F F O F F O F F O F F O F F O F F O F O F F O F	N.	- ture us		230	A	P		70	11	TH	Z	0			
FLASCUS 0000 Ad F PL 20.75 4	1.1			00	1 00	1d		PL-	SE. 8		M	C	exist		(R) WING
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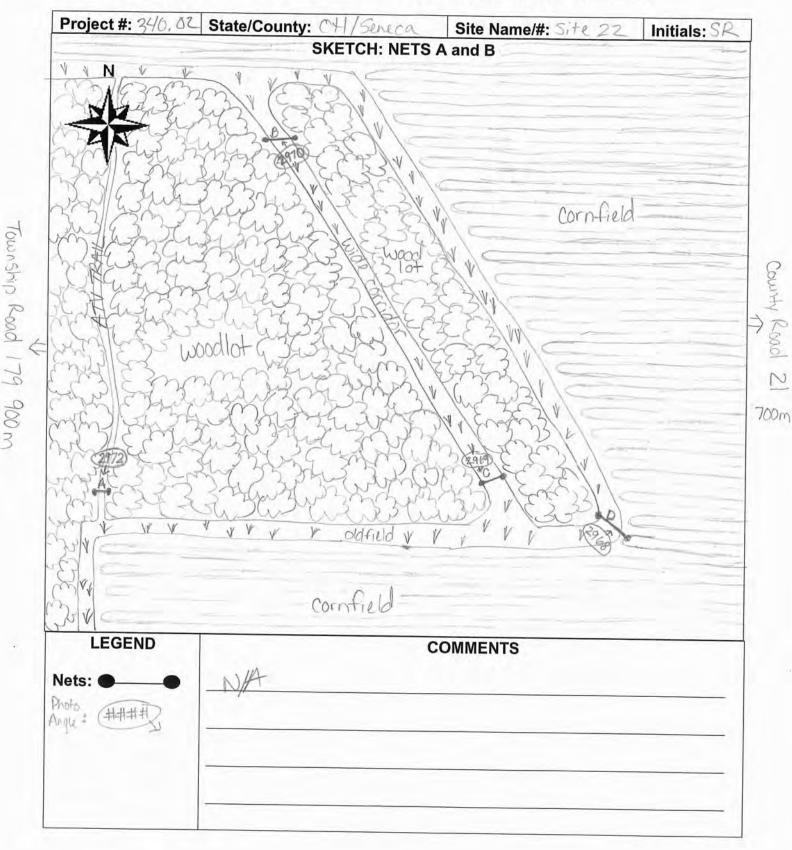
-

ESI NET SITE HABITAT	Property of: Environmental Solutions & Innovations, Inc. 81 Neeb Road. Cincinnati, OH 45233 (Phone: 513-451-1777) DESCRIPTION
Project #: 340.02 Date: 14 July 2011	Biologists: EBasiger, S Reaves
Project Name: Tetratech Republic	Site Name/#: Site 22
State: OH County: Serveca	USGS Quad: Fireside
Camera #: Editedade Picture #s: 2968 - 2972 Latitude: 41 ° 11 ' 18.3 "N Distance to closest water source (meters): 450 m Water source name: private pond (to East	GPS Unit #: <u>E952</u> % Waypoint #: <u>34022</u> Longitude: <u>82 ° 59 '10,7</u> "W Type of water source: <u></u>
ESTIMATED WATER SOURCE CHARACTERISTICS	(IF UNDER NETS):
Bank Height: M/A meters Channel Width: M/A	meters Stream Width: MA meters
Substratum: MABedrockBoulderCobble	GravelSandSilt/Clay
Still Water Present (Y/N): <u>MA</u> Average Water De	pth: MA m or cm Clarity (H,M,L): MA
VEGETATION:	
Acer rubrum, Acer saccharum Ow Outrais polustris, Amerais alba Fr	lominant Canopy Species (< 40 cm/16" dbh) ucus palustris, Tilia anurucana caxinus pennsylvanica nus rubra, Acer saccharum
Estimated dbh range: Lg: Rhom Sm: 40 cm Estin	nated dbh range: Lg: <u>39cm</u> Sm: <u>15cm</u>
Relative abundance of dominant vs. subdominant (ratio):_1:30
Estimated canopy closure: <u> D</u> Closed	ModerateOpen
Roost tree potential consists of:Large Trees	Snags _/BothNeither
Roost tree potential for the area is:High	<u>Moderate</u> Low
Roost potential comments: Few snags Though	a cluttered by canopy
Subcanopy clutter:Closed	ModerateOpen
Subcanopy comprised largely of: Lower Brand Canopy Tree	
Common Subcanopy Species: Queraus palustri Sassafras albie	s Arer rubrum
	adjacent to confields
with 9m corridor connecting field	de
Check all that apply:	



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NET SITE HABITAT DESCRIPTION (continued)



BALC					1.12	and and a construction of the		and the second s				
	DAI CAPIUKE DAIA	AIA				Time (xxxx h)	Temp (°C)		Wind Speed (estimated – see chart)*		% Cloud Cover (estimated)	Comments
CO VIR "	a contraction of					2100	26.	1	0	-	40%	/
Project #:	Date: /		11			2130	24.	1.	0		10 %	
Project Name: Tetrotech	h Reowhile	1				2200	23.	0	1-3		50%	1
	0 D 105 Cit.	00 m	1			2230	121.	0	1-3	,	30%	
T. DASIAUC	UNSOILE Name/#: 0140		1		1	2300	20	10	1-3	/	- 4000	1
State: Chio	County:	" Jung				2330	0	0	0		800°	hand al
CDC IInit #: 10/200		1				0000	20.	7	0	2	00%	h07/1 410
0	Camera	Camera #: HINFOOR	1			0030	20.	6	0	00	80%	-
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						0200	26.2	2	レーカ	15	10/0	
						0230	20.2	1	1-3	10	090	
					1							
Net/Trap/ Net/Trap/ or AnaBat AnaBat Serial #		Latitude		Longitude	tude		Length (m)	Height (m)	Time Up	Time Down	Picture #	Waypoint #
Net A	11 . 17	N. HLZ .	82.	59 .	1.80	M.,	0	(0)	2015	2110	6666	020
Nut_ 8	41 • 11	. 36,5 "N	82 .	50	020	Ma	0	6.0	2050	0/20	2975	0.2.2
Set - C	11 . 17	N. 822.	. 28	52	05.10	Ma	0	9.0	2055	2122	29109	020
Net D	11 . 14	N. 1.22.	82 .	59	04.3	Ma	18	9.2	2100	0200	2968	031
Net Placement/Site Description: Nut-	ON: NUT A .	G.C. in woodlet	1	Pollidor	5	ロカン	odiace	diacont tradici	ordiot o	CNEL COL	menula	
Net/ Trap	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	ents /Hair Sample
C. EDHesic	tesious fuscus	2120	Ad	H	JG	125	45	2	0	2	2949	
C. C.A	fusaus	2150	Ad	Z	7	(0.0)	46	11	0	1	AN AN	
C. E. A	Tusas	2150	Ad	4	70	18.5	110	2	0	N	NIA	
D. E.A	fusaus	2200	Ad	4	D/	19.5	45	2	C	2	14	
C. Lasiurus	borialis	2210	2	4	NR	0'8	36	L	0	290	5	
CLEER	USUIS.	2210	Ad	M	4	18.5	84	5	0	12	1/4	
C E.A	Suist	2210	Ad	11	Jd	17.25	LH S	2	-	Smoo	o Shuting	Discort
G E E	USOUS	2230	Ad	2	4	6.911	47	2	0	Z	- have	- marson
D En	RIGAS	2230	P.	2	4	111 8	NT T	4	K	V V	V71	

ę.

	nre	A	-	4	IA .	4	4	wing scar		2	4	T.			4				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 visiole only whit a disjournmentor. Moderate damage. Greater than 50% of wing membrane covered with scar tissue	(splotching). Scaring is visible without ransummation, werritor are exhibits some necrotic issues and possibly few small holes (<0.5 cm diameter). Forearm skin may he fisting and discobred abort the majority of the forearm	Heavy damage. Deterorated wing membrane and necrotic fissue. Isolated holes >0.5 cm are present in membranes. Necrotic or receding plagoopatagrum and/or chimorabasium are evident.	Page 2 of Z
ch	Comments Comments Picture # /Guano/Hair Sample	N/A	1/M	N	N	NN-	NN	144	295	29102	NA	2	N/K	NIK	Ż.		1		+	wer than 5 small ess than 50% of	ge. Greater than	inting is visible w nd possibly few scolored along	Deteriorated w sent in membrar re evident.	
Littler F. R.	Wing Index* (0-3)	0	0	0	0	0	0		0	0	0	С	0	0	0				e l		Moderate dama			
	Belly (F/M/E)	2	2	2	Z	4	N	N	Σ	2	2	11	M	A	2		-		Score	0,	1	2		`]
UNICAPIUKE UAIA (continued)	RFA (mm)	49	44	410	248	218	410	44	34	36	36	46	40	410	8									
	Wt (g)	20.0	13.1	8.8	17.2	20,0	1-1-1-1	21.0	6.1	Sig	7.1	21.2	18,51	20.2	6.6		4		1					
2012	Repro. ²	Dr	NR	4	<	>	7	74	4	DT	7d	2	MR	D/	10	l l	1	-						
Puly 2		1J	2	2	2	5	N	11	N	U	4	4	U	4	4		+	-						
N	ame/#: Age (AdlJv)	POH	2	PA	PA	A	Ad	Ad	Ad	Ad	Ad	Ad	Ad	A	Ad		1						with difficulty	
Date:	Time (Ad/Jv	2230	2230	2235	2235	2250	2250	2310	23/5	2330	2320	7340	0500	CSUC	0110		1				d vanes	ne moved by wind extends light flag	e moved ets on inland water the umbrellas used	against wind
	CON Kepublic Species	tesinus fusina	577	fusins	- Inscus	fish	- fusins	- fuscus	His sontertrionalis	3	southet males	CALLS CLUE	ficere	Cinical	v. septertranelis				the second s	Visible Condition	Smoke rises vertically Direction of wind shown by smoke but not by wind vanes	Wind fell 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 Small trees 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, inconvenience in walking against wind Reasts twins off trees, penerally innectes progress
m	ne: lutratech	tot.)rt	. +- t	,		Muntis	h.	- 2	+	1	4	52			ас 10		Description	Calm Light Ar	Light Breeze Gentle Breeze	Moderate Breeze Fresh Breeze Strong Breeze	Moderate Gale Fresh Gale
Project #:	Project Name: Capt Net # #		2.1	J C1	1000	IT D	N.C.	110 8	110	A DI	4 51	0	20.00	2	53.70					Wind Speed (mph)	0 0	1:1		32-38

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

BALOATIONE UNIA Lange	T			A T A			- 1-					WEALINER UALA		
#: 340. Date: 14 July 201 Date: 14 July 201 Date: 14 July 201 Name: Thraterb Republic State 22 State 23 State 23 State 23 State 23 State 23 State 23		DALC	APIUKE U	AIA				(xxxx h)			Wind Speed imated – see ch	-	Cloud (estimated)	Comments
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Nult in minipid wordst contrudut. Nults Kar A in Luide granming indext clear Time Age Sex Repro. ² Wt RFA Belly Wing Indext secures 2120 Ad F DL 18,8 47 E 0 N secures 2146 Ad M V 141.6 47 E 0 N secures 2146 Ad M V 141.6 47 E 0 N secures 2146 Ad F PL 17.6 46 M 0 N secures 2200 Ad F PL 17.6 46 M 0 N secures 2200 Ad F PL 17.6 46 M 0 N secures 2200 Ad F PL 17.6 46 M 0 N secures 2200 Ad F PL 17.6 46 M 0 N secures 2200 Ad F PL 17.6 46 M 0 N	1et	Ω	11 . 15	27.1		59 .	00	M	181	9.2	2100	0200	29/08	031
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is septentrionalis 2140 Ad F PL (e.3 34 E T than in Left fuscus 2146 Ad M V 1446 47 E O NA fuscus 2145 Ad F PL 176 45 M O NA fuscus 2155 Ad F PL 176 46 M O NA fuscus 2200 Ad F DL 168 44 M O NA fuscus 2200 Ad F DL 168 44 M O NA fuscus 2200 Ad M V 170 M O NA	0	EDASI	Cus fligou	2120	M	4	JQ		Ch	D	C	N	A	
Fuscus 2140 Ad M J 1416 47 E O NA Fuscus 2145 Ad F PL 17.6 45 M O NA Fuscus 2155 Ad F PL 17.6 46 M O NA Fuscus 2200 Ad F PL 168 46 M O NA Fuscus 2200 Ad F PL 17.0 46 M O NA Fuscus 2200 Ad M J 17.0 M O NA	A	Mulbhis.	Sententrion	v	Pol	U	DC		34	U	>	than	rin 1241	Owiter
2145 Ad F PL 17.6 45 M 0 N 2155 Ad F PL 17.6 46 M 0 N 2200 Ad F PL 17.0 46 M 0 N 2200 Ad F PL 16.8 44 M 0 N 2200 Ad M V 17.0 M 0 N	0	4	WSCu 3	1	Pol	2	1	14.10	47	1	0	NIA	t	6.00
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2200 Ad P 17.0 M N N	9	E +	USQUS.	2200	Ad	1	DL	116.8	410	Z	0	12	N.	
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S 2200 - + + + + + + + + + + + + + + + + + +	D	H.H.	U SCUS	2200	Ba	N	7	17.0		Z		Z	M.	
	0		1.00	2200	-	-						TA TA	a herror	00

şı.

Project #: 340.02		Date:	14	July.	2011						
Project Name: Totrot	och	Site 1	Site Name/#:	Sit	22			Init	1	SP.	
	Species	Time	Age (Ad/Jv)	Sex (M/F)	Repro. ²	Wt (g)	RFA (mm)	Belly (FIMIE)	Wing Index* (0-3)	Comments Picture # /Guano/Hair Sample	
toles .	Locine Cience	2220	AN.	4		15,5	410	M	0	NIA	
- TT -		2220	Ad	4	7	6061	45	L	_	hueled soor tissue	
	COUNS-	2230	Ad	4						12 Capture	
	Tort	Uncc	11	11	NR	0.0	36	2	0	N/A	
1.0/12/ ·	- CHANOLITICATES	19250	rv.	Ш	D/d	13.0	1717	Ψ	0	AN	
. Lasil	CINDERON ()	220	M	14	DI	19.7	71g	2	C	N/A	
	- STUCAL	2775	111	11	AN NE	10	NN	M	C	42	
5-1-	יייי קוואיטסט שואבולא	2200	- RA	4	IQ I	100	N.S.	N	0	NA	-
	- +WSCINS.	1210	AN	N		2.01	410	N	0	NIA	
+ +	CARSIN	0007	PV	12		11.4	EJ.	2	C	ZE	
- +	15	22UN	- tal	11	AN	Vo	42	2	0	A/A	-
1	here all survey	2350	Ad	L	7d	13,9	1/1	M	0	N/A	
*											-
-					+ 1		1				
n (х и н н			-	-+-						
	and the second sec										1-1
	the second se	di is innie		i 45				Score	-	Description	17
Description	Visible Condition	lition						0		No damage. Fewer than 5 small scar spots are present on the membranes. Light damage. Less than 50% of fight membrane is depigmented (splotching).	1
Calm Light Air Light Breeze	Smoke rises vertically Direction of wind shown by smoke but not by wind varies Wind felt on face, leaves rustle, ordinary wind varies are moved by wind	r wind varies d varie moved by wi	100	TIT				1	Moderate dama (splotching). Sca necrotic tissue a	wincrits often visure only murrowsmonth. Moderate damage. Greater than 50% of wing membrane covered with scar tissue (Mothing). Scarming is visible without translumination. Membrane exhibits some nectodic fissue and possibly few small holes (<0.5 cm diameter). Forearm skin may	1
Gentie Breeze Moderate Breeze Fresh Breeze Strong Breeze	Leaves and single intervention and provide an environment of the second se	s are moved welets on inland wal whistle; umbrellas us	ler ed with difficulty	111				0 6	1	be flaking and discolored along the majority of the interant. Heavy damage. Deteriorated wing membrane and necrotic tissue, isolated holes >0.5 cm are present in membranes. Necrotic or receding plagopatagium and/or chiroratanium are evident.	1 1
Moderate Gale	Whole trees in motion, inconvenience in walking against wind	king against wind		T					1	Daza 7 af 7	

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SALK



NET SITE HABITAT DESCRIPTION

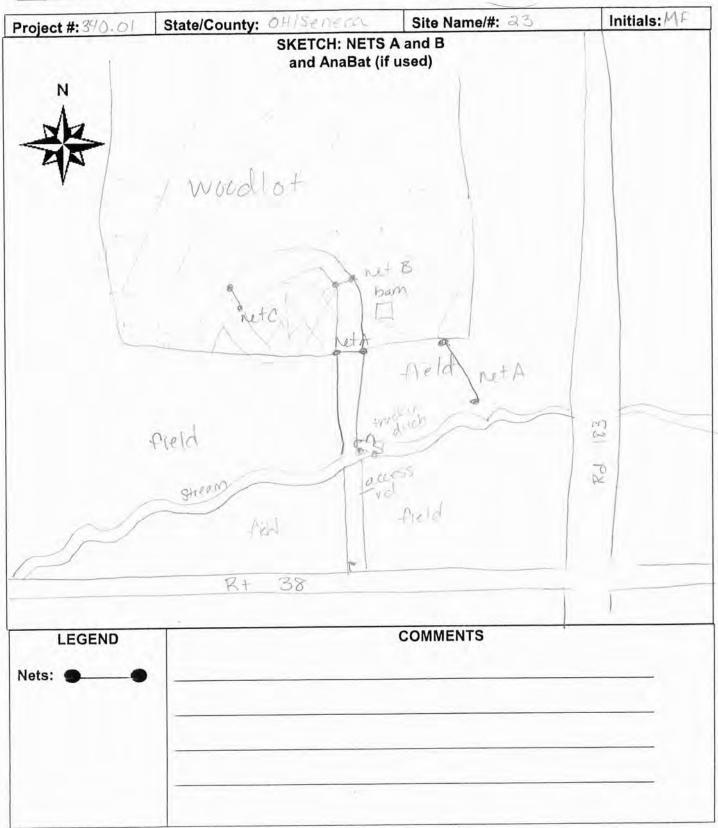
Project #	: 340.01	Dat	e: 16 July 1	Biologis	ts: J. Bas	siger - M	Flynn
	Name: Rey			Site Nar	ne/#:		
	OH Co			USGS C	uad: Fires	side	
Net/Trap/ or AnaBat	Net/Trap/ AnaBat Serial #		titude	Concernance of the South	tude	Picture #	Waypoint #
T.A.	A	41 ° 10	26.2 "N	82 . 57	W" 1/31	846	23A
W.g.	es.	4/1 º 10	275 "N	82.57	52.5 W	839	23B
net	C		89.2 "N	82.57	"W	131	230
net	2	11	' 30.7 "N	82° 57	of water sour	CO: -1	23D
	to closest water ource name:		rs): <u>10 m</u>		or water sour		11.1
ESTIMA	TED WATER SO	OURCE CHAR	ACTERISTICS	(IF UNDER NE	TS):		
			nel Width:			mete	ers
Substrat	um: Bedroo	k Boulde	r _Cobble	Gravel	Sand S	silt/Clay	
			erage Water De				
VEGETA		· Av	ciago mator De				_
	nt Canopy Speci	es (> 40 cm/16	3" dbh)	Subdominant (
	(sardhu				e sainth		
Car	ma ova	AM			101 24	ad since	
0	urnis a	20.3		Ac	-14-31	mid	
	d dbh range: L		: 10	Estimated dbh	range: Lg: _	39 Sm	: 7
Relative	abundance of d	ominant vs. su	ubdominant (ratio				
	ed canopy closu		Closed		Moderat	е	Open
Roost tre	ee potential cons	sists of:	Large T	rees	Snags	-	Neither
	ee potential for t		High		Moderat		Low
			Ward Astan	bark, w	ast large	trees 1	Lave the
	ppy clutter:		Closed		Moderat		Open
	opy comprised la	argely of:	Lower E Canopy	Branches of Trees	Saplings	s	Shrubs
Commo	n Subcanopy Sp	ecies:	Aar said	narun			
			Acer VU	Unun.			
Habitat I	Description:	NOL DATE	dist some	evended	bus age	Related.	1 4 M
	Habitat: N/A	0			7 2		
	Il that apply:			1			
	e Upland Forest	the second s	ly Logged Fores		asture Land	_0	ther
	g Upland Forest	Forest	Edge	LStream			
					Deel		
Matur	e Lowland Fore	and the second sec		Vernal Deepwa			
		st _Old Fiel			ater Lake/Por	nd	



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NET SITE HABITAT DESCRIPTION (continued)



Project #: 340,01 Date: 13 July Project Name: Republic State: 01 County: Biologists: J. Basher M. Flynn Site name/#: 23 GPS Unit #: 21 465671 Camera #: 6							WE	WEATHER DATA			
blic ounty: per M.Fly	3 July II		(1 00)	Time Temp (°C) (0000 h)	-	Wind Speed (estimated – see chart)*	ed e chart)*	Wind Direction: From to	% Cloud Cover (estimated)	ud mated)	Comments
EPNDHIC County: Sasher M.F.Ly 165671	in fin	Î	21	00 20	9	1		1	0		
Sasher M.F.Ly 33		1	17	30 20	1	1		(0		
Sasper Mr.Fly 3 405671			2	200 18,	7	1		١	10%		
useder 1 ut 14 3 405671			23	30 18.2		1		l	10%		
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4105671			23	330 12.7		1		1	10%		
110001	1001		0000	00 16.9		8			0		
	Camera #: CO// 67/		00	0					0		
			10	0016.					Ø		
MOON PHASE*			16	3.2 15.9					3		
New moon Waxing crescent Waxing gibbous Full moon Last quarter Waning crescent	First quarter Waning gibbous	SNO	Č I	10.0 15.6				£	0		
				-	-						
Net/Trap/Anabat Net/Trap Type ¹ La	Latitude		Longitude	tude	-	Length (m)	Height (m)	Time Up 1 (0000 h)	Time Down (0000 h)		Picture #
A N 41. 10	Na C 712 .	0000 V	- 49	Ma 12/2/7	1	00	0	2100 0	0160	040	
8 N 141 . 10	N. 576.	.09	57.	52,5 "W		2	6)	2055 6	3155	839	
C N. HI V	N. C' 62 .	· 62 ·	: 49	Ma 1.05	N N	0	6	2050 (838	
Net Placement/Site Description:	20:1	128	22	534	10	1.0	9	2045 C	-	37	
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	ts łair Sampl
(A Educius fuscus	2200	AC	2	/	19	28	M	0			
2 & Myots septentrionals	1	Ad	A	L	6.25	34	W	0	80780981	21812	
3 D Miseptentilonalis	2240	Al	W	V	6.2	33	M	0			
4 D E. Fuscus	2240	Alt	In	4	16.5	th	W	0			
SO ENTASCUS	2240	Ad	M	A	16,5	17	W	0			
6 0 E-fascus	2310	AS	W	V	18.75	hh	D	0			
7 O E.Fuscus	23/0	19	W	4	15.25	dS	M	0			

Page 1 of

Project #: 340.	1.5.1								ALALIA NUMBER OF		
ect #:	100110	Prese I L I K. I			Time (0000 h)	h) Temp (°C)	Wind Speed (estimated – see chart)*	speed see chart)*	Wind Direction: From to	% Cloud Cover (estimated)	ated) Comments
	11.11	Date: TO WILL I		1	2100	126.7			ſ	0	
Project Name:	ne: Kepublic			1	2130	25,5) (11-1	01	_
State: OH	County:	Landra			220	225,0	5-1		N N N	20	
Riologiete.) Racing	TUN.			22	50 45.5	5-1		SE > NIN	0.0	_
- coleiño	5	· mik			1	. 5/2)		11 11 10		
GPS Unit #: 84	Eg 4105/071	رهم Camera #: 67	Con								
					4						
New moon		HASE*	First quarter								
Waxing gibbous Last quarter	sno	Full moonWaning crescent	Waning gibbous	SUC							
Net/Trap/Anabat	bat Net/Trap Type1	Latitude			Longitude	de	Length (m)	Height (m)	Time Up T (0000 h)	Time Down (0000 h)	Picture #
K	W	10. 41.14	Na, C	o V	1.65	Ma Trah	18.	6	0012		840
8	N.	11. 10 . 37.	Na S	• CP	57 .	10	10	9	205		839
N	W.	10 10 129	Na	.0%	57.0	N. 1, 80	6	9	0507		838
Discem	Mat Discament/Site Description	4/ 10 30.	6	32	45	53.4	(J)	9	L shaz	_	150
Capt Net	S	Species	Time	Age	Sex	Repro. ²	Wt RFA	A Belly	Wing Index*		Comments Picture # /Guano/Hair Sample
# 7	. 7 1		non	Art	E	P 1	2	-		Record	tron first wi
9	F PISIC	est cits would	ROTZ	Al	W	11 15,	175 4V	W	0	*	
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01	M So Dt	Superior States	2220	Ad	7	~ 0	0,5 33	Mr.	0	*	
24	1 . 1		0222	Ad	W	1 12	75 45	M	0	×	
2	E. Fuscus		0227	Ad	N	1	7.35 45	LU	0	*	
P	E fuscus		7300	Ad	1	1 71	8.7 47	N Z	0	_	
17	l'acitta .	horalis	2300	N.	1	NA	85 41	W	0	pic S	1/1/
D	F. Firews		2300	Ad.	F	PL 1	5.75 45	2 L	0		
0 0	an i h		wear	1FU	A L	2 10	5 23	M	<		

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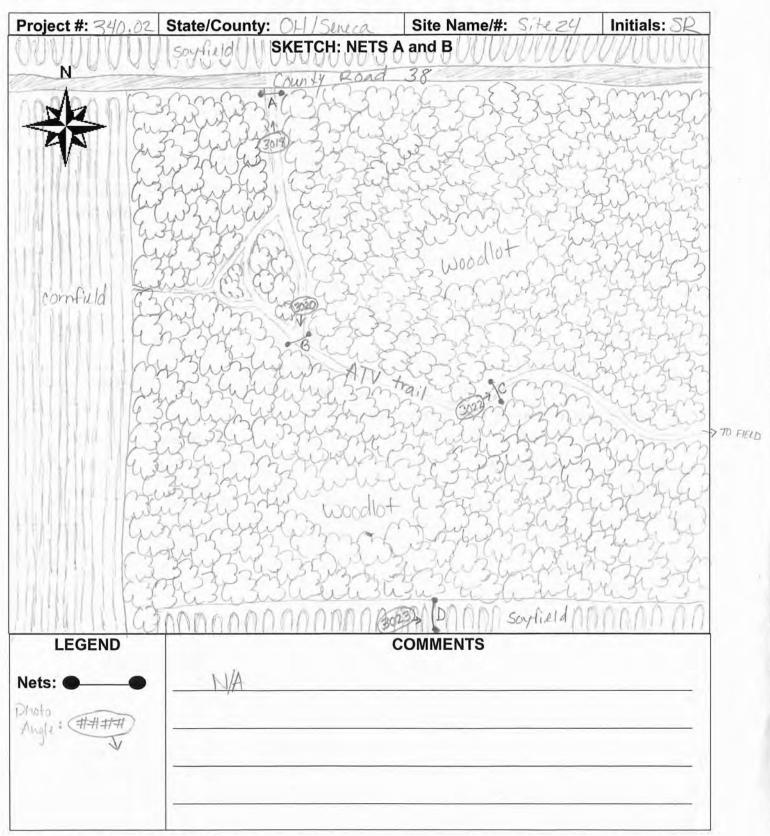
* Refer to table on the back

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DSL NET SITE HABITAT	
Project #: 340.02 Date: 15 July 2011	Biologists: E. Basige G. S. Reeves
Project Name: Tetratech Republic	Site Name/#: Site 24
State: OH County: Servera	USGS Quad: Fireside
Camera #: EBKahk Picture #s: 3019 - 3623 Latitude: 41 ° 09 '56.5 "N Distance to closest water source (meters): 400m Water source name: unamed child uphemeral s	GPS Unit #: <u>£9528</u> Waypoint #: <u>34028</u> Longitude: <u>82 ° 56 ' 57.9 "W</u> _ Type of water source: <u>ditch</u>
ESTIMATED WATER SOURCE CHARACTERISTICS	(IF UNDER NETS):
Bank Height: MA meters Channel Width: MA	meters Stream Width: <u>M/A</u> meters
Substratum: NA Bedrock Boulder Cobble	GravelSandSilt/Clay
Still Water Present (Y/N): <u>N/A</u> Average Water De	pth: MA_m or cm Clarity (H,M,L): MA_
VEGETATION:	
Dominant Canopy Species (> 40 cm/16" dbh) Subc Ourcus palustris	lominant Canopy Species (< 40 cm/16" dbh) Carya anta Acer rubrum
Fraxinus pennsylvanica	Acer Sacherum
Estimated dbh range: Lg: 90cm Sm: 40cm Estim	nated dbh range: Lg: <u>Mem</u> Sm: <u>25cm</u>
Relative abundance of dominant vs. subdominant (ratio	p): <u>/*//</u>
Estimated canopy closure:Closed	ModerateOpen
Roost tree potential consists of:Large Trees	sSnagsBoth Neither
Roost tree potential for the area is:High	ModerateLow
Roost potential comments:	
Subcanopy clutter:Closed	Moderate 🔟 Open
Subcanopy comprised largely of: Canopy Tree	
Common Subcanopy Species: Carping Carolin	a/1a
Craeterius s	p
Habitat Description: Mature mesic upodiot us	ith Luw structs and open
Subranopy near agricultural fields	
Check all that apply:Mature Upland ForestYoung Upland ForestMature Lowland ForestYoung Lowland ForestYoung Lowland Forest	Crop/Pasture LandShrub/scrub Swamp _Stream/RiverVernal Pool _Emergent WetlandDeepwater Lake/Pond _Forested SwampOther
Herbaceous Cover:Sparse //Moderate	Dense



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NET SITE HABITAT DESCRIPTION (continued)



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Page 1 of 2

Time Age Sex Repto: Nit Mits Platues	.02 Jutratech Republic	Date: 5	me#:	July 2	2011		July 2011 Site 24	- 1.2	Initials: £6,	SR Commante
SO M F PL F Control Hand So V F NR R3.8 4/5 M L Spotting So NA F PL 7.1 32 4/5 M L Spotting So NA F PL 7.1 32 4/5 M L Spotting So NA F PL 23.2 4/5 F O NA So M F PL 20.2 4/5 F O NA So M F PL 20.2 4/5 F O NA So M F PL 20.2 4/5 F O NA So M F PL 20.2 4/5 F O NA So M F PL 20.2 4/6 M A So M F PL 20.2 4/6 M A So M F PL 20.3 4/6 M So M F PL 20.3 4/6 M So M F PL	Species		Age (VLIDA	Sex (M/F)	Repro. ²	M((mm)	(FIMIE)	Wing Index*	Comments Picture # /Guano/Hair Sample
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25 Ad M T 1/22 4/4 M O N/4 Zmarsha ar Units 26 Ad F PL 20/2 4/5 F O Over Zmarsha ar Units 30 V F NL 14/3 4/6 M Enclosed and transfer and transtransfer and transfer and transfer and transfer and tr	LUCIUS	2300	Ad	4	PL	23,2	45	4	0	N/A
25 Mi F PL 20.2 45 F Mino 20.4	fusors	2325	PA	5	×	17.2	44	Σ	0	N/A
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35 M F L 22.0 H7 F D M/A 30 A F PL PS H7 M SM SM 35 M F PL PS H3 H M SM SM 35 M F PL ZN H9 M SM	fusions	2330	3	4	NP	14.9	410	M		Darasitis on Wings
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50 Åd F PL R/S 4/1 M Control Contro Contro Control Contr	fuscus	0000	AN	2	4	110.0	45	11	0	N/A
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SS Ad F PL 2N.1 49 F SS Ad F PL 20.3 48 M SS Ad F NR NG 49 M SS Ad F NR NG 49 M SS Ad F NR 19.3 49 M S Ad F PL 19.3 49 M S Ad F PL 19.3 49 M Los PL 24.2 41.6 F 5000 Los Los PL 24.2 41.6 F Los Los Los 20.1 F Los Los Los 24.2 41.6 F Los Los Los 21.1 F 5000 Los Los Los 24.2 41.6 F Los Los Los 24.2 41.6 F Los Los Los 24.2 41.6 F Los Los Los 24.2 10.6 1.6 Los Los Los 24.6 1.6 Los	fier.	0005	3	N	4	145	46	X	0	w
S M F PL 20,3 4% M V F NR IVI<	-Unserie	00351	Ad	L	Jd	241	49	4	0	NA
NR NR NR YR M NR PL 19.3 YR M NR PL 24.2 YI F Ight iag M P P P Ight iag Moder Ight iag Ight iag Ight iag	Reur	00855	Ad	L	PL		48	S	0	587
O Ael F PL 19.3 47 M S Ad F PL 19.3 47 M S Ad F PL 24,2 416 F 500 dby wind light flag ind water ind	Augus	0.08 5	3	4	NR	14.9	6/2	M	0	NA
Ad F PL 24.2 4/6 F Score 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Fuenus	UIIO	Hol .	4	Did	5.61	64	Z	0	N/A
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dby mind light flag ind water ind ind ind ind ind ind ind ind ind ind	fusions.	2510	Ad	4	7d	242	410	11	0	N/A
d by wind light flag and water and water and water and water and water and water				1		-		Sco		Description
d by wind light fiag and water lias used with difficulty wind								0		wer than 5 small scar spots are present on the membranes Less than 50% of flight membrane is depigmented (splotching).
with difficulty	verucally wind shown by smoke but not by win lace. I baves rushe, ordinary wind va small wegs in constant motion, wind and loose paper. small branches are and loose paper. small branches are	id vanes ine moved by wind extends light flag e moved						2	which is often w Moderate dam (splotching). Sc necrotic tissue a be flaking and d Heavy damage	age. Greater than 50% of wing membrane covered with scar tissue and is sivisle want and holes of one membrane covered with scar tissue and possibly lew small holes (50 scm diameter). Forearm skin may liscolored along the majority of the forearm.
	es in motion, telephone wires whist n motion, inconvenience in walking	tte: umbrellas used against wind	with difficulty					3	>0.5 cm are pre chiropatagium a	sent in membranes. Necrotic or receding plagiopatagium and/or are evident.

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

WEATHER DATA	Comments			1			(e # Waypoint #	020	UNC	INC	2NC	row Localla	Comments	Picture # /Guano/Hair Sample			172.780						
	% Cloud Cover (estimated)	0%	0 %	121	1001	00%	00%	00%	06.00	15%	153	0%0	Picture #	3018	3020	n	2023	Field +	Cor	icture # /Gu	HA .	17	Sports	4	artura	A A	4	14	Win .
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WEATHE	Wind Speed (estimated – see chart)*	1-3	レーカ	4-7	4-7	6-1	01-8	1-7	01-5	1-10	1-H	4-17	Time Up	2045	2050	2055	2100) out i	Wing Index*	(0-3)	C	0		0		0	0	0	1
	Temp (°C) (esti	10	1	5	8	0	2	4	9	6	8	8	Height	6.2	10.9	9.2	9.2	N2+ /	-	(FIM/E)	5	5	2	4		M	2	N 10	
		20	23	23	23	24	24	124	24	no	24.	34	 Length (m)	9	0	6	181	what,	RFA	mm (2	32	34	LH		5 45	017 3	14	A A A A A A A A A A A A A A A A A A A
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		1140	10-		110			/	2					182				OCTOSS	-	(ACIDA)	JU V	1	NT O	AL-AC	S_A	5 AC	5 1	VU 14	
	¥		15 July 6	-		H DH	Senere	TU		- met	1.10		le	N. 2.01	4, (o "N	N. 1.4	N. 6.1	BI& C	Time	T	1	612	2150	2220	2220	2225	2220	2234	1000
LA C TO	DAI CAPIUKE DAIA	5	Date: 17	Auklie.		Site name/#:	County: Senere		Camera #:	3631-1	e ch		Latitude	10.	10.	. 01	10 .	S A.			SPARATON SALIS	C) PUO	243	13	2	15.	517	5005	
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DATA	DAI	000	0.04	Tetratur	1	2	0	0500	L				Net/Trap/ AnaBat Serial #	4	13	0	D	Site Descripti	-	11	STADAY		totesion	j.	H.	J.	LU,	jet.	1-
23		10 1111	Project #: 040.04	Project Name:	102-1-1-1	BIOIOGISIS: C. ENSING	State: Ohio	De II	CLO				Net/Trap/ or AnaBat	Net	1 22	Net .	NR+ +	Net Placement/Site Description: Nut	Capt Net/ # Tran		in a	1. 0 C	1.	4 .		1. C. +	7.6.	0	JY

210 40

Project #:	340.02	Date: 18	5	why i	SOL					
Project Name:	Totratech Roowhic	Site Name/#:	ne/#:	S.F.	24			in	Initials: EB /	SCSR
Capt Net # #	Specie	Time (A	Age (AdlJv)	Sex (M/F)	Repro. ²	Wt (g)	RFA (mm)	Belly (F/M/E)	Wing Index* (0-3)	Comments Picture # /Guano/Hair Sample
2	Entraine fusions	2239	3	Z	4	12:5	43	4	0	NA
) (t -lacare	ZHZ	2	4	N	13.3	Sh		9	NIA
12	H. Fices	2320		4	NR	15.10	410	N	0	N/A
1	FJAns	17325	Pol -	N	Y	581	57	4	0	N/A
H.	+ Press	2225	2	N	4	0.61	64	I	C	NA
0	T. Anome	2325	1PH	4	D	19.8	44	4)	Softing on Winc.
U	There a	2325	3	5	4	12:4	5/7	4	Ċ	N/A
. 2	asturn's brooks	23.69	104	AL	Jd	10	[1]	2	0	3026-27
4	The Arrest	2352	1	2	4	10,2	40	2	0	N/A
6	Nunti e er to ante i anali e	2355	Pol-	14	D	7.0	35	2	0	Calles an each wing
	The survey and the second	1.0021	3	2	4	140	45	2	C	MM
e.	t. Assus	0020	Pel	IL	101	101.01	44	4	0	that some an stan
	T. fusins	0020	401	14	d	22.7	27	H	0	N/A
12	N sutarticable	CV26	Ad	M	>	3.0	5/2	2	0	NA
C	H. Fusing	1245	NC	4	dN	13.7	44	4	0	N/A
2	Lasiurus diverus.	Shoot	2	4	VIV	22.5	24	W	0	5028-3031
	in a friend and									
4	(i)							Score		Description
Wind Speed (mph)	Description Visible Condition	tion						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).
0 Calm	Carm Smoke rises vertically Liciti Air Direction of wind shown by smoke but not by wind varies	wind varies						-	which is often visi Moderate damag	which is often visible only with translumination. Moderate damage. Greater than 50% of wing membrane covered with scar bissue
+ + +	eze reeze eeze	vane moved by wind nd extends light flag are moved elets on inland water								(splotching). Scaring is visible without translumination. Memthrane exhibits some necrotic tissue and possibly lew 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
• •		nistle, umbrellas used wit	th difficulty							>0.5 cm are present in membranes. Necrotic or receding plagiopalagium and/or chiropatagium are evident.

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

EV.

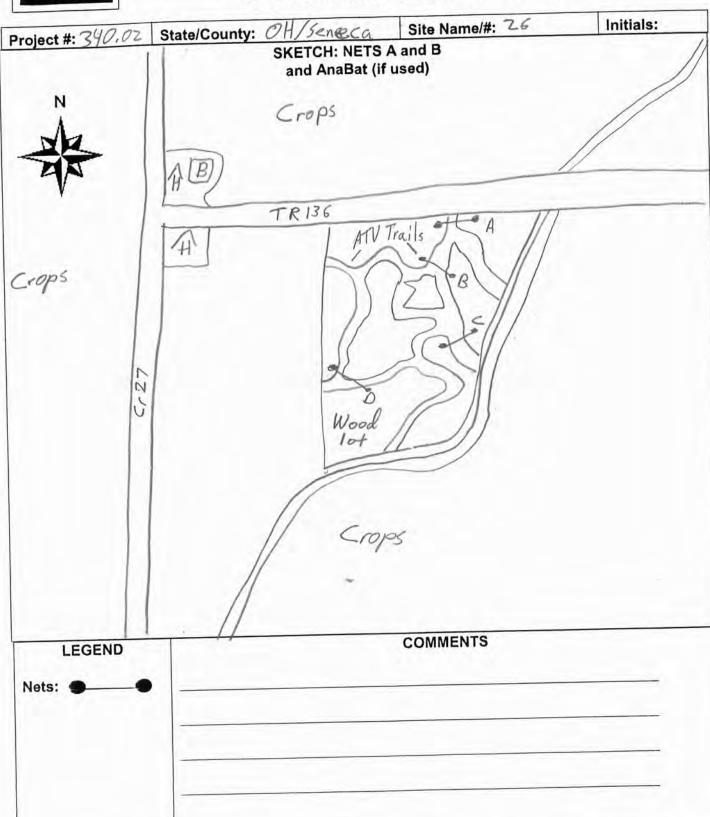
1					
EST NET SITE HA	BITAT DES	4525 Este Avenue.	of: Environmenta Cincinnati, OH	I Solutions & I 45232 (Phone:	nnovations, Inc. 513-451-1777)
Project #: 340 Date:	19-301-11	Biologist	s. D. Basia	KF	
Project Name: Rebublic		Site Name			N.
State: OH County: Senera	the second se		ad: Firesi	de	
Net/Trap/ Net/Trap/ or AnaBat AnaBat Serial # Latitu		Longitue		Picture #	Waypoint #
1	32.11 "N	12º 55 .	54.5 W	-157	
	31.3 "N	12. 55 .	54.9"W	858	1
N M M D	29.6"N "N	12. 55.	537 "W	459	
Distance to closest water source (meters		36/	water source	e Stream	
Water source name:	1-2-		Hator board	. <u>- 1/ Cq</u> /	
ESTIMATED WATER SOURCE CHARA	CTERISTICS (F UNDER NET	S): N/1		
Bank Height:meters Channe				mete	rs
Substratum:BedrockBoulder					15
Still Water Present (Y/N): Avera			and the second se		
VEGETATION:	age water Dep		in Clarity (I	□,IVI,L):	
Dominant Canopy Species (> 40 cm/16" Quercus alba Acer rubrum		ubdominant Ca Acer rubri Acer sacch	IM	_	n/16" dbh)
		Fraxinus R	ensylva	nica	
Estimated dbh range: Lg: <u>65</u> Sm: <u>6</u> Relative abundance of dominant vs. subd		stimated dbh ra	nge: Lg: <u>3</u>	9 Sm:	10
Estimated canopy closure:	Closed	.14 55	Moderate		
Roost tree potential consists of:	Large Tre	-	A		Open
		es –	Snags	- /	Neither
Roost tree potential for the area is:	High	-	_Moderate		wo
Roost potential comments: <u>Tight ba</u>			26.	-	-
Subcanopy clutter:	Closed		Moderate		Open
Subcanopy comprised largely of:	Lower Bra Canopy Tr		<u>2</u> Saplings		Shrubs
Common Subcanopy Species:					
Habitat Description: Large Wood	lot surroun	ded by cr	op land	/	
Check all that apply:	ogged Forest je	Crop/Pastu ZStream/Riv Vernal Poo	er	Oth	ner
Herbaceous Cover:Sparse	_Moderate	Dense	Januari orid		



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NET SITE HABITAT DESCRIPTION (continued)

ject #:									WE	WEATHER DATA	TA		
lect #	12 20 20 M	7c.	Date 1.1 2. 10		Time (0000 h)	-	Temp (°C) (est	Wind Speed (estimated – see chart)*	d chart)*	Wind Direction: From to		% Cloud Cover (estimated)	Comments
	~		MAX MAN	Ì	USI E	SD 33	9	5-1		ſ	9	10000	
ject N	Project Name: Kepulo 116	0116		I	213	30 2	01	0)	6	0%0	
State: OH		County: Service	T		10						2	-	
Biologists:	s: J. Basiaer	+ M.	FLUNN	T	6 m	300							
name	Site name/#: 20		7	1	00	2330.					-	12 .	
S Unit	250	26 Camera #:_	ra#: can b	11	00	0000 31	F	0		(5	40%	
		MOON PHASE*			10	-					-	100	
New moon Waxing gibb Last quarter	New moon Waxing gibbous	_Waxing crescent Full moon Waning crescent	First quarter Waning gibbous	SNOC	00	8 49		0			2	00//	
Net/Trap/Anabat #	nabat Net/Trap Type ¹	pe ¹ Latitude	ude		Longitude	ude		Length (m)	Height (m)	Time Up (0000 h)	Time Down (0000 h)		Picture #
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4	ret .	· 01 · 16		250	. 55	54.9	Ma	0	9	3035	200	828	
he	ter	. 01 . 16	Z9.6 "N	82°	52.	57.1	Ma	00	6	3040	205	859	
Place	Net Placement/Site Description:	otion:		28	55	53.7		0	9	Shide	210	860	
Capt N	Net #	Species	Time	Age	Sex (M/F)	Repro. ²	(a)	RFA (mm)	Belly (F/M/E)	Wing Index* (0-3)		Comr cture # /Guar	Comments Picture # /Guano/Hair Sample
		Enterious fuscues	3130	Ad	4	DL	17	5	H	0	10	35,	
10	V	Stopentrion al 15		Ad	u	7d	6.75		E	0	K03X	36,83	101
2	A E FU	fusus	22,00		L	DC	10	20	U	0			
7	A F PU	USCUS	2230	B	IL	NR	14,25	HH	Σ	0			
5 F	4 3	50.	3330	()	W	4	10.75	970	M	0			
A	2 Etucus		2230	Ad	11	70	24.5	48	L	0			
7	D E Fuscus	N.	2230		4	JU	Sr. he	207	T	0			
0	E. PUSCAS	SY1.	00248	TU	Z	4	1235	90	Z	0			
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BAT CAPTURE DATA (continued)

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Picture # /Guano/Hair Sample Comments OPT TTO X * × X × * Wing Index* (0-3) E C Initials: € 0 0 0 0 C f 0 0 0 (F/M/E) Belly Σ U 2 2 5 L 5 5 11 44 LL 1 11 1 0 4 do RFA (mm) 44 U.J. 6/10 THU LH LH 14 518 53 53 11 十 50 44 5 57 44 J 9 24.25 6.25 5.25 5 5.75 18.5 5 ٢ 20.0 5 5 34 Wt (g) 00 7 00 5 50 07 x Repro.² NR 10 NP 2 ÷ à d 0 20 A ñ 2 ã 4 0 Date: 15 Jul 201 Sex (MIF) 26 2 2 5 2 4 11 2 5 4 5 LL 4 14. 11 11 4 Age (AdlJv) Site Name/#: Acl AN PH AD 2 Ad F NO AN AQ Ad B AQ C AO 2330 2230 0250 03330 3300 2230 3300 2300 2300 2200 23900 2230 2360 0086 2300 2230 0128 Time Species fuscus Puscus fuscus Puscus PUSCUS PUSCUS Fuscus PUSUUS PUSUUS AUSCUS FLSLLES PUSCUS flyseus ANS CUIS Anscus REDWO) IC PUSCUS PUSUS Ethernows 340.01 64 11 H hel 11) Es. 113 11 4 1 10 41 1 11 5 Project Name: Net Q 0 0 Project #: 0 0 3 # C 4 2 Ļ C 0 Ċ C Capt

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Beaufort Wind Scale

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Wind Speed (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 twids 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 twids off trees: generally impedies prograss

	1-	-	-	-	-	-	-	-	-	-
	Last Quarter	Apr 6	May 5	Jun 4	Jul 4	Aug 2	Sep 1	Sept 30	Oct 30	Nov 28
Ir Phases	Full Moon	Mar 29	Apr 28	May 27	Jun 26	Jul 25	Aug 24	Sep 23	Oct 22	Nov 21
2010 Lunar Phases	First Quarter	Mar 23	Apr 21	May 20	Jun 18	Jul 18	Aug 16	Sep 15	Oct 14	Nov 13
2	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 flight membrane is depigmented (splotching). Multich is often visible only with translumination.	Moderate damage. Greater than 50% of wing membrane covered with scar tissue (spotiching). Scaring is visible without translumination. Membrane exhibits some necrotic issue and possibly few small holes (<0.5 cm diameter). Forearm skin may be the find and discobred 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 plaglopatagium and/or chronotatoium are evident.
		membranes.	ted (splotching),	red with scar tissue ane exhibits some . Forearm skin may	ue. Isolated holes patagium and/or

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BAT CAPTURE DATA (continued)

Property of: Environmental Solutions & Innovations, Inc. 781 Neeb Road. Cincinnati, OH 45233 (Phone: 513-451-1777) 7

SpeciesTimeAdiv (MF)Sor (MF)Repo.2WIRFABelly (MF)WIERuscus0.010JUPPP2.33411FERuscus0.010JUFRR2.33411FRRoscus0.010AdFL5.3534MM. Septentisult0.000AdFR2.02.545FM. Septentisult0.000AdFR2.02.545FM. Septentisult0.000AdFR1.1545FM. Septentisult0.000AdFR1.1545FM. Septentisult0.000AdFR1.1547FR. Miscus0.000AdFR1.1547FE. Auscus0.150AdFR1.1547FE. Ruscus0.150AdFR1.1547FE. Ruscus0.150AdFR1.1547FE. Ruscus0.150AdFR1.1547FE. Ruscus0.150AdFR1.1547FR. Ruscus0.150AdFR1.1547FR. Ruscus0.150AdFR1.1547FR. Ruscus0.150AdFR1.1547F<	Project Name		Reputation.	Site Nar	Site Name/#:	20				lni	Initials:	
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New First Full Last Score Description Moon Quarter Moon Quarter 0 Feb 13 Mar 23 Mar 29 Aor 6 0			Beaufort Wind Scale				2010 Lui	nar Phase	s			Wing Index Key
Description Moon Unsible Condition Febra And And Park Moon Quarter	od Coood				-	New	-	Full	Last	Scor	-	Description
1 CO 12 MIG C2 MIG C2 MIG C2	(udu)	Description	Visible Coi	ndition		Fet	3	-	Apr 6	2	Light damage. Less	No damage. Fewer trian 5 small scar spots are present on the menual areas. Light damage. Less than 50% of flight membrane is depigmented (splotching).

Wind Speed (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

Last Quarter	Apr	May	, nul	-Inf.	Aug	Sep.	Sept 30	Oct 3(Nov 28
New Moon	Feb 13	Mar 15	Apr 14	May 13	Jun 12	Jul 11	Aug 9	Sep 8	Oct 7
	First Full Quarter Moon	First Full Quarter Moon Mar 23 Mar 29	First Full Quarter Moon Mar 23 Mar 29 Apr 21 Apr 28	First Full Quarter Moon Mar 23 Mar 29 Apr 21 Apr 28 May 27	First Full Quarter Moon Mar 23 Mar 29 Apr 21 Apr 28 May 20 May 27 Jun 18 Jun 28	First Full Quarter Moon Mar 23 Mar 29 Apr 21 Apr 28 May 20 Jun 18 Jun 25 Jun 26	First Full Quarter Moon Mar 23 Mar 29 Apr 21 Apr 28 May 20 May 27 Jun 18 Jun 26 Jun 25 Aug 16 Aug 24	First Full Quarter Moon Mar 23 Mar 29 Apr 21 Apr 27 Jun 18 Jun 26 Jun 18 Jun 26 Aug 16 Aug 27 Sep 15 Sep 23	First 013 Quarter 013 Mar 23 Mar 23 Mar 23 114 May 20 112 Jun 18 111 Aug 16 113 Sop 15 93 Oct 14

ge. Fewer than 5 small scar spots are present on the membranes. hage. Less than 50% of flight membrane is depigmented (splotching).	Description
tage. Less than 50% of flight membrane is depigmented (splotching),	te. Fewer than 5 small scar spots are present on the membranes.
	hage. Less than 50% of flight membrane is depigmented (splotching), than visible only with translumination.
	damage. Greater than 50% of wing membrane covered with scar tissu
damage. Greater than 50% of wing membrane covered with scar tissue	· · · · · · · · · · · · · · · · · · ·

-	which is often visible only with translumination.
5	Moderate damage. Greater than 50% of wing membrane covered with scar tissue (splothing). Scaring is visible without translumination. Membrane exhibits some necrotic tissue and possibly few small holes (<0.5 cm diameter). Forearm skin may be flating and discotred 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 chiropatagium are evident.

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	BAT	BAT CAPTURE DATA	E DATA	L			M	WEATHER DATA	LA		
1	14 24	1	1.46 1.1.1 2	1	Time Temp (°C)		Wind Speed (estimated – see chart)*	Wind Direction: From to	n: % Cloud Cover (estimated)	id nated)	Comments
Project #: 270 . UV	10.01	Date: 13	Date: 10 JUNY 2011	1	AD 7.2	-1 6	2	SGN	0		
Project Name:	Project Name: LEDUDIC			20	22 JA	-1 2	2	SGN	2		
Ctato. OH	County	County CONPCON	6	10	Sp 20	1 4-	1	AFM	ok		
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Biologists: <u>30</u>	NCR BOSIO	Der Mron	Biologists: JACR BASIGEY, MEDRIN HUMN, All	XCA DONHT		-					
Site name/#: 20	216	, ,	2							-	
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GPS Unit #: 10	GPS Unit #: 20 400010	1	Camera #: Cen Lo	20							
	MO	MOON PHASE*									
New moon	1	Waxing crescent	X First quarter							-	
Waxing gibbous	1	Full moon Waning crescent	waning gippous	Sno							
		2								-	
Net/Trap/Anabat #	Net/Trap Type ¹	Ľ	Latitude	Longitude	itude	Length (m)	n Height (m)	Time Up (0000 h)	Time Up Time Down (0000 h) (0000 h)	Pict	Picture #
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Capt #	wet #	Species	Time	Age (Ad/Jv)	Sex (M/F)	Repro. ²	Wt (g)	RFA (mm)	(F/M/E)	Wing Index* (0-3)	Comments Picture # /Guanø/Hair Sample
-	3	lacurul borrowis	2130	20	4	NIZ	8.25	38	6	0	BUS
-	X	Fishick Ruseus	2200	Ad	1	70	21.0	45	W	0	
se	X	EDALUS PUSLUS	QOLL	AX	W	7	SEL	AL	W	0	
V	X	Ephsius Rusius	0000	AA	12	PL	18.5	46	W	1	
5	5	ECHISCUS PUSCUS	0572	3	11	NR	15.5	44	N	Q	
0	1	EDACUS FUSCUS	2730	7	3	t	4.11	45.	W	0	
1+	d	P	7227	3	4	NR	15.0	Alo	W	0	
0	X	E ONSILE PASCUS	72.25	PA	#	19	22.0	99	11	0	
5	A	22	22.82	2	11	N	10,0	24	N	0	
0	0	FOLCOS SINCOS	0222	Ad	W	2	19.5	35	4	0	
M = Mon	ofilament, able on th	01d Nylon, NN = New Nyl	= Anabat	2 Rep	roductive Co	² Reproductive Condition: Female = NR/PG/L/PL; Male = パ4	s = NR/PG/L/	PL; Male = 1 LP VVV1	HAVE	Sht TIME A	A TIME & Page 1 of
NET & TR	**	TRADTYPE Lat	Int	401	5		-	0	-	2842	10 01
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BAT CAPTURE DATA (continued)

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Date:

nes. otching), Picture # /Guano/Hair Sample Comments Wing Index Key Wing Index* (0-3) No dama Light dan 0 0 0 0 0 0 C 6 C Initials: Score . 0 Belly (F/M/E) 4 2 Ş 2 0 11 4 th 04 44 48 4 A 5D 00 RFA (mm) 94 44 5 D V N J 2010 Lunar Phases 2700 0:271 0.8 2,0 P P ſ 20.5 no. à 70. ñ (g) 10 2 0 NR Repro.² 0 2 5 9 2 0 Sex (MIF) Ş 5 5 4 4 Ş 1 8 Age (Ad/Jv) Site Name/#: 7 3 P 2 2 2 X 2349 13 63 2357 0212 7737 24 25 91 0 212 E 7475 22255 2425 2225 Time 2 46 50 Septentrionalle YTY 140115 101 210 SUSUS NAN 201200 PUSUUS USCU Rocus PUSCUS VSUN V NOUS 1SUL PUS CUS Beaufort Wind Scale SUK Species SULSHOS CHANKO Ephsuus SUNSHO Freshs (NS 0450 いしょうれ USH L'L'U h500 Fohseve **Exprsus** Ephscus NN/POJ 60 9 40 14 Project Name: Net A 0 5 * Project #: 5 X X 5 Capt 2 S-Г 1 * 5 N.

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

age. Fewer than 5 small scar spots are present on the membra	image. Less than 50% of flight membrane is depigmented (splc	often visible only with translumination.	te damage. Greater than 50% of wing membrane covered with	Description age. Fewer than 5 small scar spots are present on the membra image. Less than 50% of flight membrane is depigmented (spic littlen visible only with translumination. te damage. Greater than 50% of wing membrane covered with
	age. Fewer than 5 small scar spots are present on the membrar	age. Fewer than 5 small scar spots are present on the membrar mage. Less than 50% of flight membrane is depigmented (splo	age. Fewer than 5 small scar spots are present on the membrar mage. Less than 50% of flight membrane is depigmented (splo often visible only with translumination.	nescripturi
image. Less than 50% of flight membrane is depigmented (splo often visible only with translumination. te damage. Greater than 50% of wing membrane covered with s	often visible only with translumination. te damage. Greater than 50% of wing membrane covered with s	te damage. Greater than 50% of wing membrane covered with s		ant Scarring is visible without transformination. Membrane exhibit
image. Less than 50% of flight membrane is depigmented (splo often visible only with translumination. te damate Greater than 50% of with membrane covered with a on S-seration is visible without translumination. Membrane exhit	often visible only with translumination. te damage. Greater than 50% of wing membrane covered with s on Scarring is visible without translumination. Membrane exhit	e damage. Greater than 50% of wing membrane covered with s	not Scarring is visible without translumination. Membrane exhibit	
urage. Less than 50% of flight membrane is depigmented (splo often visible only with translumination. te damage. Greater than 50% of wing membrane covered with s ng). Scarring is visible without translumination. Membrane exhit	often visible only with translumination. te damage. Greater than 50% of wing membrane covered with t ng). Scarring is visible without translumination. Membrane exhit	te damage. Greater than 50% of wing membrane covered with s ng). Scarring is visible without translumination. Membrane exhit	ng). Scarring is visible without translumination. Membrane exhit	

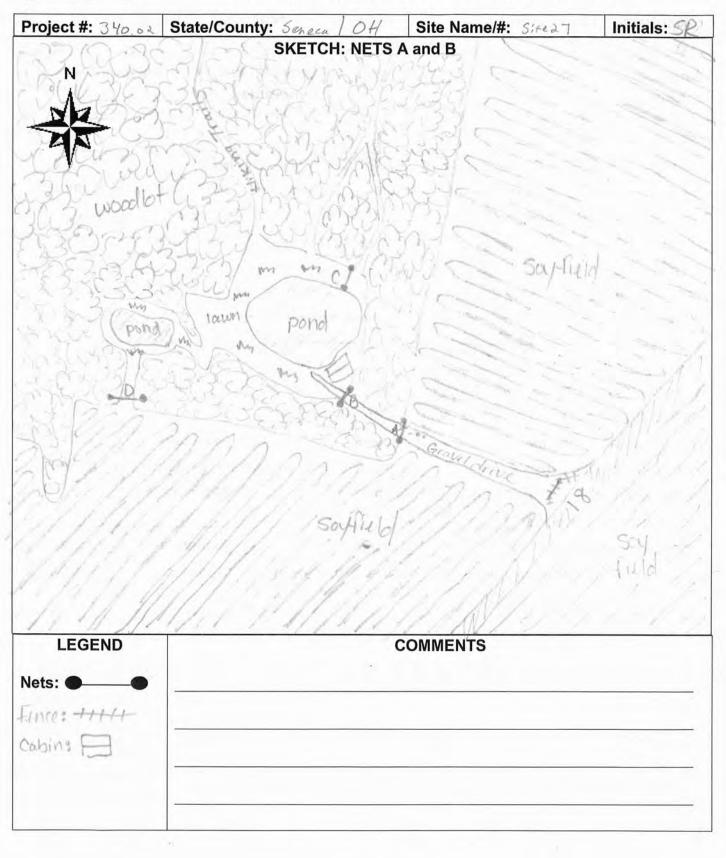
	WINCI IS OTHER VISIONE OF WAR PARSIAL HIGHOFF.
5	Moderate damage. Greater than 50% of wing membrane covered with scar tissue (splotching). Scarning is visible without translumination. Membrane exhibits some necroic tissue and possibly few small holes (<0.5 cm diameter). Forearm skin may be failving and 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 chiropalagium are evident.

ESI NET SITE HABITAT	Property of: Environmental Solutions & Innovations, Inc. 81 Neeb Road. Cincinnati, OH 45233 (Phone: 513-451-1777)
Project #: 340.02 Date: 16 July 2011	Biologists: V. Brack, Speeves
Project Name: Tetratech Republic	Site Name/#: <u>5:14 27</u>
State: <u>OH</u> County: <u>Sourca</u>	USGS Quad: firesidy
Camera #: <u>6-1</u> Picture #s: <u>N90-0218</u> Latitude: <u>41 ° 09 '271</u> "N Distance to closest water source (meters): <u>5m</u> Water source name: <u>IMAMed proved</u>	GPS Unit #: <u>G740</u> 6 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: <u>MA</u> meters Channel Width: MA	meters Stream Width:M_meters
Substratum: NA Bedrock Boulder Cobble	GravelSandSilt/Clay
1 1 1 2	pth: <u>ℕ/A</u> m or cm Clarity (H,M,L) <u>ℕ/A</u>
VEGETATION:	
A	dominant Canopy Species (< 40 cm/16" dbh)
Fraxinus privisulvania	arous Autris
Quirais Dalustris	kay spocharmuna
Estimated dbh range: Lg: 120m Sm: 40m Estim	nated dbh range: Lg: <u>31200</u> Sm: <u>180</u> 00
Relative abundance of dominant vs. subdominant (ratio	a): 1:25
Estimated canopy closure:	ModerateOpen
Roost tree potential consists of:Large Trees	sSnagsBoth Neither
Roost tree potential for the area is:High	Moderate Low
Roost potential comments: high side of moder	te leaning toward High
Subcanopy clutter: Closed	ModerateOpen
Subcanopy comprised largely of:Lower Bran Canopy Tree	
Common Subcanopy Species: And Sacha	when Frazinas Anosubilities
Habitat Description: Malana Tradit 1 11	I reads us de hue in carlo
Habitat Description: <u>Advine word of total</u>	- parter a propert of the party
Check all that apply:	
Check all that apply: Mature Upland Forest Young Upland ForestRecently Logged Forest Pine PlantationMature Lowland Forest Young Lowland ForestOld Field	Crop/Pasture LandShrub/scrub Swamp _Stream/RiverVernal Pool _Emergent WetlandDeepwater Lake/Pond _Forested SwampOther
Herbaceous Cover:SparseModerate	<u> </u>
Revised June 2007 1	



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

NET SITE HABITAT DESCRIPTION (continued)



2

ľ											1	And a	
							(xxxx h)	Temp (°C)		Wind Speed (estimated – see chart)*		% Cloud Cover (estimated)	Comments
ninet #. 24	ev va	1 . 11					2100	23	5.	0		3%	
LINDER #. CINING	JA.N.	110 1	War 2011	1		1	2130	22	a	0	0	3%	
oject Name:	Project Name: 72+ra+ach	Republic				1.4	2200	22.	2	0	2	190	
Rinkniete . V. S V	Level SD III		1	66		14	2230	N N	2	0		196	
- encland	-	AVA SILE NAME/#:	1+1	1		17	300	1	1	1-3		120	l
State: Uhio		County:	Junca			14	2330	22	5	11		39.	
CDS Init #.	G TUNN	,	VI Dro	-		2	YOUC	213	M	1-3			
		Camera #:	NOCUM				1030	21.1	0	2-1		1	
						1	00/00	21.1	E F	13			
							0210	21.	2	11			
						2	32.0C)	215	1	195			
Net/Trap/ or AnaBat	Net/Trap/ AnaBat Serial #	Latitude			Longitude	tude		Length (m)	Height (m)	Time Up	Time Down	Picture #	/ Waypoint #
Net	V.	41. 69.22	N	. 22 .	1 65-	20.5	M.	9	10.2	2045	SHIO	AIGIN	100
102	B	- 00 · 17	Na S	· 22	11	12.27	M	0	10.2	2050	DISCO	1010	200
112	1	VS . 50 . 14	N. / 1	\$2.0	. 650	# 1 1 1	Ma	0	(0.2)	2055	0155	CURA.	200
1-122	D	2. 50 . 17	N. O.	0	-		M	2	26	2100	0200	N218	noci i
t Placement	Net Placement/Site Description:	: Nets A.B.	S IS	0(Y 155	S FOOD	d with	Mosal	CanaDi	I W D	tabad	Net D	- ACTAG	00200
Capt Net/ # Trop	Sp	Species	Time	Age	Sex	Repro. ²	Wt	RFA	Belly	Wing Index*		Comments	Its
de l		the second secon		(VCIDA)	(MIF)		(6)	(mm)	(FIMIE)	(0-3)	Pic	Picture # /Guano/Hair Sample	Hair Sample
	COSIMINS	45 Portalis	2120	N	4	ZK	10.0	11	L	0	2/	09-0209	
	- L. Loc	workalis	2120	2	4	ZNZ	2.2	dh	H	C	2	14	
10.	Librs	ious fuscus.	2150	Ad	T	DC	1.21	460	4	_	0210	1100-0	
1 ()	L)	Fuscus.	2150	101	14	Dd	116.5	65	U	6	00	01	(hosta
0	F.J.	ustus	2210	Ad	2	1/2 1	5	44	M	-	AG PUN	10 VII V	Alar Alar
0	E.	Husens	2210									Partos	TON
D	T.	Fusions	2210								4	S.C. Dorl	tal
- - -	E Jus	curo	2235	A	IT	D	19.9	5	0	1		1	
(110		00 30	12	NN.	-	PLI		1	0			and and a state of the state of

Page 1 of

2 (Phone: 513-451-1777)		Comments Picture # /Guano/Hair Sample	27		0214											and an and the second sec		seneration and on second	ne is depigmented (splotching).	Moderate damage. Greater than 50% of wing membrane covered with scar tssue (splotching). Scarring is visible without translumination. Membrane exhibits some necroic tissue and possibly lew small holes (<0.5 cm dameter). Forearm skin may necroic tissue and possibly lew small holes (<0.5 cm dameter).	be liaking and usconce aging or instruction with the solution because isolated holes. Heary damage, Deteriorated wing membrane and necrotic tissue. Isolated holes or 6 cm are received in membranes. Necrotic or receding plagopatagum and/or	Page 2 of
4525 Este Avenue. Cincinnati, OH 45232 (Phone: 513-451-1777)	SR	Com Picture # /Gua	Escal		0213/02	[]]								23)(*				Description	No damage. Fewer than 5 small scar spots are present on the memory of Light damage. Less than 50% of fight membrane is depigmented (splotching), which is often visible only with transformination.	age. Greater than 50% of wing n arring is visible without translum and possibly few small holes (<0	De flaking and utscoloreu avrig ure insport of the cook Heavy damage. Deteriorated wing membrane and necrotic on 5 cm are researt in membranes. Necrotic or receding p	are evident.
4525 Este Av	Initials: VB	Wing Index* (0-3)	0	7	0	02												e	0 No damage. Fe Light damage. 1 which is often v		2 De liaking and Heavy damag	3 chiropatagium are evident
(pən	Init		V	1	U)	US												S				_
A (contin		RFA (mm)	40	1 S	36	35	1							*	-	-						
E DATA		Wt (9)	12.0	21	0,1	212									+							
BAT CAPTURE DATA (continued)	100	Repro. ²	F	14	4	**		+				-			1				<i>.</i>			
AT CA	1 wing	Sex (M/F)	W	V	1	S			1								-	F		118	-	TT
8		Site Name/#: Age (Ad/Jv)	R	XX	17	4	- ND	-	-				-		-		-			pe	, in the second s	ed with difficulty
	Date:	Time	22355	2215	2320	0500	2003												ion	wind varies varie moved by wi	are moved	nistle: umbrellas us ing against wind
	5	Species	CUVe NO	prealis :	olud trinna lis	adis.	LOUL -				The second se			i ,		1 ×		and the second se	Visible Condition	Smoke rises verbcally Direction of wind shown by smoke but not by wind vanes Wind felt on face. leaves rustle, ordinary wind wind wind and the face.	Leaves and small Migs in constant infount minu exercise variation Raises dust and loose page, small branches are moved	Small trees in real uegin to snot us to each interest with difficulty Large branches in mouon, telephone wires whistle, umbrellas used with difficulty Whole trees in monon, inconvenence in walking against wind
	Petra	ne: 540	E. Jus	91.T.	sul is	A N N N	0. 6. tu	÷		+ +	-+			r		e î		1	Description	Calm Light Arr Light Breeze	Gentle Breeze Moderate Breeze	Fresh Breeze Strong Breeze Moderate Gale
BSI	Project #:	Project Name: Capt Net	.0.9	A. I	12 5	NT T	12 51		÷	6 3	ň		•			ł			Wind Speed (mph)	0	8-12 13-18	19-24 25-31 32-38

ENI														
	1	BAT CA	BAT CAPTURE DATA	A				Time (xxxx h)	Temp (°C)		Wind Speed (estimated – see chart)*	_	% Cloud Cover (estimated)	Comments
							- 1	2100	21.	0	1		0 %	
Project #:		340.02	Date: 26 July	JUN 2011				2130	22.	-	1	-	0%.	
A toolord		Tates Ind	10 - 1.1-	1				2200	22.	_)	-	0 °/°	1
Project Name:	Name.	8112	I Kepupit		Ĺ			2230	21.	da	1		0	
Biologists:	its:	D. Jettcott	Site name/#:	#: Site2	L			2300	.16	Ч	1		D	
	-	77	Country.	Souce				23.30	1.1)		0	
olale:			County.	Nevera-	ľ		2	0000	19.3		1		0	
GPS Unit #:	it #:	67406	Camera #:	6-1	Ĩ			0030	19.3		1		0	
							0	0100	19.3		1		0	
								-	18.9)		0	
							2	0200	18.7		1	-	0	
Net/Trap/	ap/	Net/Trap/	- I	4	_	- Anditional		Le	Length	Height	Time Up	Time Down	Picture #	Wavpoint #
or AnaBat		AnaBat Serial #	Latitud				1	-	(m)	5	(xxxx h)	(xxxx h)		-
N	101	R	. 60 . 1		. 79		20.5	N	10	6.7	540%	0200	100-0140	
V	Net	2	100	0		57	22.2	~	00		0.50%	6702		+
N	12+	2	, 60 ° 14	30.1 "N	070	59 '	22.1	Ma	1		2055	0 2 10	00-0203	+
Ne	Net	D.	. bo . 14	N" 0.82	82.0	59 .	27.1	/ M.	2	d. 6	2100	0215	2218	024
Net Plac	cement	Net Placement/Site Description:	Nets A	O on Small	6014.d	reider/re	ad leding		buckto pend,	vet Cmo	ved perro	Net Cmoved Derposition at	- Lowood	ot and pan
Capt N # T	Net/ Trap	8	Species		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	ents /Hair Sample
	0	Lasivrus borealis	ofealis	2120	B	X	4	8.8	38.0	117	0	L		
6	0	Entesicus fuscus	s fuscus	2145	20	IL	NR	15.3	46.0	X	0	T.		
(m	C	l'asturio c	borealis	2415								-> esc	a, ped Net	
T	100	1 2	fuscus	2155	31	11	NR	16.2	44.0	X	0	1		
5	0		bolealis	2215	ſ							Esco	Scaped Nat	
9	0	Lasiurus &	borealis	2156								Esca	aged Net	
T	A	Eatesicus	Fuscus	2215	30	V	4	16.9	44.0	Z	0	1		
8	A	Eptesicus	fuscus	2125	20	X	4	129	45.0	5	0	1		
5	C	Fatoricur	fuscus	2215	31	Ħ	NR	16.0	47.0	W	0	/		

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r	1	5	L
Y	-	2	l
6	-		Ľ
		L'A	ESI

BAT CAPTURE DATA (continued)

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	Comments Picture # /Guano/Hair Sample	ſ	100-0286		T				T.						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 (splotching). Scaring is without translumination. Membrane exhibits some	rrectouc ussue and possibly rew small notes (<u 5="" cm="" diameter).="" forearm="" may<br="" skin="">De filaking and discolored aborg the majority of the forearm. Heavy diamade. Deterforctated wind membrane and ne-rotic fiscue isolated hisles.</u>	>0.5 om are present in membranes. Necrobic or receding plagiopatagium and/or chiropatagium are evident.
Initials:	Wing Index* (0-3)	0	0	0	0	0	0	0	0	0	0					No damage. Fewer I	Light damage. Less which is often visible	Moderate damage. (splotching). Scarring	be flaking and discol Heavy damage. Det	>0.5 cm are present in mer chiropatagium are evident.
Init	Belly (F/M/E)	h	z	5	ź	Ę	Ę	Ę	5	5	X	1			Score	0	+		2	3
	RFA (mm)	32.5	36.0	36.0	46.0	45.0	0.24	41.5	34.0	44.0	48 a									
	Wt (g)	6.3	8.5	5.1	1.91	ŕ	20.1	15.0	6.9	15.9	20.2				1					
27	Repro. ²	4	NR	4	NR	4	74	4	4	NR	74									
Site	Sex (M/F)	X	tr	5	F	X	Ĩ	X	X	K	W									
Site Name/#:	Age (Ad/Jv)	31	AA	E.	15	30	AJ	21	17	10	AA									ith difficulty
Site N	Time	2215	2215	2315	0000	0000	0000	0000	0000	0030	0150						ad transa	nd varies ane moved by wind I extends light flag	e moved ets on inland water	tle; umbrellas used w g against wind
rublic	Species	Septentrionalis	s lucituqus	s locitoous	tesic fuseus	fuseus	fuscas	fuseus	is septentrionalis	ptesicus fuscus	fuscus					Visible Condition	Smoke rises vertically Diraction of wind shown by control but not by used	Vind fell on face: leaves rustle; ordinary wind vanes Unind fell on face: leaves rustle; ordinary wind wane moved by wind Leaves and small twigs in constant motion; wind extends light flag	Raises dust and loose paper; small branches are moved Small trees in leaf begin to sway; crested wavelets on inland water	Large branches in motion, telephone wres whistle, umbrellas used with difficulty Whole trees in motion, inconvenience in walking against wind
atech Republ		4:5	1 +		51.11				+	es s										
tech	Net #	i myotis	myotis	myot:	111	10	11	Li A	Myotis	E A+	14					Description	Calm Linht Air	Light Breeze Gentle Breeze	Moderate Breeze Fresh Breeze	Strong Breeze Moderate Gale

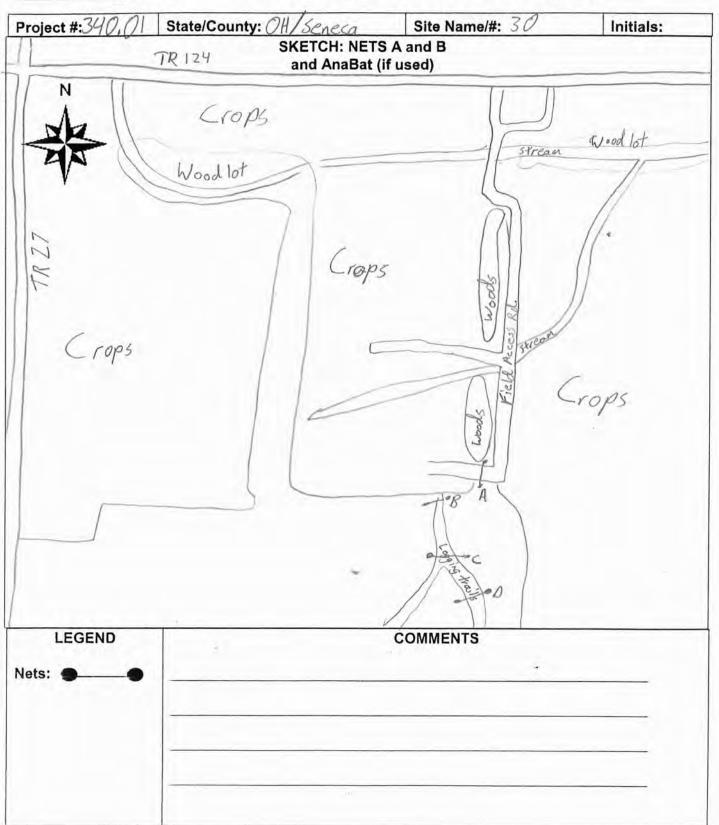
oject #: <u>340.01</u> Date: <u>26-Jul</u>	-// Biologists: J. Bas	last	
oject Name: <u>Republic</u>	Site Name/#: 30	10	
ate: A County: Seneca	USGS Quad: Fire	side	
VTrap/ Net/Trap/ AnaBat AnaBat Serial # Latitude	Longitude	Picture #	Waypoint
A A A A A A A A A A	92.55 '33.6 W	910	30-1
B N 41.09 11.5 "N	82 .55 '34.6 "W	909	30-10
41 09 10.6 "N	82.55 '34.0 W	909	30-0
0 // 41 ° 09 ' 09.2 "N	82.55 333 W	906	30-D
stance to closest water source (meters): <u>300</u> ater source name: <u>////</u>	Type of water sour	ce: Stream	
			_
TIMATED WATER SOURCE CHARACTERISTIC			
nk Height:meters Channel Width:	meters Stream Width:	mete	ers
bstratum:BedrockBoulderCobble	GravelSandS	silt/Clay	
I Water Present (Y/N): Average Water I	Depth:m or cm Clarity (H.M.L):	
GETATION:			-
minant Canopy Species (> 40 cm/16" dbh)	Subdominant Canopy Speci	es (< 40 cm	/16" dbh)
uercus rubra	Acer rubrum		
er rubrum	Tilea americana		
arva ovata	Quercus rubra		
imated dbh range: Lg: Sm:		Sm	
ative abundance of dominant vs. subdominant (ra		0	
imated canopy closure: 1/Closed			Open
ost tree potential consists of:			
	11		Neither
	Moderate	·l	.ow
ost potential comments: Large Carya ove			-
canopy clutter:Closed	Moderate	•(Open
	Branches ofSaplings	Vs	Shrubs
4	/ Trees		
nmon Subcanopy Species: <u>Acer rubro</u>	em		
itat Description: Large wood lots with	cropfields on 3 sile	5	
Bat Habitat: N/A			
ck all that apply:			
	1/		
lature Upland ForestRecently Logged Fores	st Crop/Pasture Land	Oth	er



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NET SITE HABITAT DESCRIPTION (continued)



	DA	BAI CAPIUKE DAIA	DATA		L				WE	WEATHER DATA	A		
oject #:	Project #: 340.01	Date: 22	Il X hil	1	Time (0000 h) 2/0/	h) Temp (°C)	5 50	Wind Speed (estimated – see chart)*	d chart)*	Wind Direction: From to		% Cloud Cover (estimated)	Comments
State: 01	L Country	County Son Pla		1	2201	20		20			50		
Riologiste.	J. Basi		T		2230	30 24	10	5			SO		
- energene	- Port			1	1250	11 2 05	20	mr			200		
Site name/#:	20	5			000	12 00	100	N			180		
GPS Unit #:	\$2 A	20/0/0 Cam	Camera #: 200 0		0030	9 23,	1	n			100		
_New moon _Waxing gibbous _Last quarter	111	MOON PHASE* Waxing crescent Full moon Waning crescent	First quarter Waning gibbous	SNO			Q.	uin (Qut	X			
Net/Trap/Anabat #	bat Net/Trap Type ¹		Latitude		Longitude	de	F	Length (m)	Height (m)	Time Up 1 (0000 h)	Time Down (0000 h)		Picture #
17	N	bu . JH	N. (- [] .	000	52 -	W" 188	-	2	0	2045	0025	016	
e a	N	60 · 1/7	N. 9.11 .	500	50.	20	10		4	2050	0035	909	
5	N'	1410 69	N. 9.01 .	\$0°	55 .	W" 0, PE	0	2	1	2055 1	0202	908	
st Placem	Net Placement/Site Description:	1 11 09	09,2	1 43	22	33.3	9 1	0		2100 (C	9030	206	
Capt Net # #		Species	Time	Age (Ad/Jv)	Sex (M/F)	Repro. ²	Wt (g)	RFA (mm)	Belly (F/M/E)	Wing Index* (0-3)		Comr cture # /Guar	Comments Picture # /Guano/Hair Sample
0	Lariarus borealis	orealis	2/25	11	Z	NA	12.0	Oh	4	0			
H	Entestais	. Fuscus	2145	UV.	W	V	5.25	44	W	/	_		
3 4	E. Fus cus	And a second	2145	Ad	M	1 1	9.25	25	W	0			
K B	E.Fuscus		2145	Ad	11	10	6	44	W	0			
H S	E fuscus		2145	Ad.	F	PL 2	20.5	24	W	0			
0 D	E Pascuis		0682	Ad	Lest	PL	56,91	910	P1	0			
¥ .1	t fusa	50	8230	25	M	F	1	513	14	Ø			
2 3	E -Risel	6.	C202	N	5	4	15.25	(nd)	14	Q			
0 6	1 Pusc	WS.	2850	P.d.	1	72	18.25	47	Σ	0			
D	I Dece	0	725.0	CV	Γ	00	20	111	13	6			

111. 84.1

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Project #: 340,01 ES

BAT CAPTURE DATA (continued)

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Jul	0
22	
Date:	

5	Name:		Site	Site Name/#:	30				Ini	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
	D	子にないてい	2230	Ad	4	72	5 16	HS H	4	1	•
Ce .	D E	FUSCUS	32,30	Ad	14	-Td	2008	44	14	C	
6	4	fuscus	2230	B	N.	4	1(252	53	N	0	
141	U L	Juscus.	ARS D	NP	F	RIR	15.25	572	- MA	0	
5	AC	AUSCAS.	3300	Ad	2	4	17.5	41	ĪT	C	
16	A L.	borzalis	\$300	イト	H	NR	13	412	F	00	
11	A	AN SCUS	2300	15	H	NR	1725	43	M	0	
187	7 105	asimus commus	2300	B	A	MR.	23.75	10	4	C	
19 1	At	ANS CLUS	2300	Ad	4	PL	SHO	2	4	C	
20	D	Risky.	22,00	AN	4	2	18	9/7	4	0	
31	- J Q	FUSCUS	200 X	N.C.	L	NR	18.5	49	H	R	
237	A F	Fuscus	\$300	AN	1	17	21.75	49	11	C	
100	AITE	Preus	2300	Arl	M	>		44	120	00	
Sul 1	AF	Pusicis.	anne	Ad	2	1		47	14	0	
100	A B4	FINSLES	2300	16	4	NK	Ň	Lh	F	0	
36	AEA	fursus.	CI X M	A	U.	NR	0	LO D	M	K	
LCO	AC	A4305	8.0	M	Ш.	NR	5	43	12) (
38	A	FINES	02.624	Ad	121	>	5:21	000	2		
3.0	0	Fustus	8.10	NE	L	NR	16.5	hh	Σ	0	
-		Beaufort Wind Scale				2010 Lun	2010 Lunar Phases	0			Wing Index Key
Wind Speed					New	First	Full	Last	Score	H	Description
(uph)	-	Visible Condition	IOI		Feb 13	3	Moon Mar 29	Quarter Apr 6	0	No damage. Fewer th Light damage. Less t	No damage. Fewer than 5 small scar spots are present on the membranes. Light damage. Less than 50% of filoht membrane is deciomented (solotchino)
1.3	Calm Linht Air	Smoke rises vertically			Mar 15	-	-	May 5	-	which is often visible of	which is often visible only with translumination.
4-7	Light Breeze	Unrection of wind shown by smoke but not by wind varies Wind felt on face; leaves rustle; ordinary wind varie moved by wind	vane moved by wind		May 13	14 May 20 13 Jun 18	Jun 26	Jun 4 Jul 4		Moderate damage. G (splotching). Scarring	Moderate damage. Greater than 50% of wing membrane covered with scar tissue (solotching). Scaring is visible without translumination. Membrane exhibits come
8-12	Gentle Breeze	Leaves and small twigs in constant motion; wind extends light flag	nd extends light flag		Jun 12			Aug 2		necrotic tissue and po	necrotic tissue and possibly few small holes (<0.5 cm diameter). Forearm skin may
19-24	Fresh Breeze	Small trees in leaf begin to sway: crested wavelets on inland water	are moved		Aing	9 Sen 15	Aug 24 Sen 23	Sept 30	7	De flaking and discolo Heavy damage Date	be flaking and discolored along the majority of the forearm. Heavy damage Deteriorsted who monitors and accords there below that
25-31	Strong Breeze	Large branches in motion; telephone wires whistle; umbrellas used with difficulty	istle; umbrellas used v	with difficulty	Sep 8			Oct 30	-	>0.5 cm are present in	>0.5 cm are present in membranes. Necrotic or receding plagiopatagium and/or
32-38 39-46	Fresh Gale	Whole trees in motion; inconvenience in walking against wind Breaks twids off trees: generally immedies monress	1g against wind		Oct 7	7 Nov 13	Nov 21	Nov 28	3	chiropatagium are evident	lent

Visible Condition	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 twice in constant motion: wind extends light flag	Raises dust and loose paper, small branches are moved	Small trees 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: inconvenience in walking against wind	Breaks twigs off trees: generally impedes progress
Description	Calm	Light Air	Light Breeze	Gentle Breeze	Moderate Breeze	Fresh Breeze	Strong Breeze	Moderate Gale	Fresh Gale
Wind Speed (mph)	0	1-3	4-7	8-12	13-18	19-24	25-31	32-38	39-46

1	liondinocoa
1.11	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 transtumination.
	Moderate damage. Greater than 50% of wing membrane covered with scar tissue (splotching). Scarming is visible without translumination. Membrane exhibits some necrotic tissue and possibly few small holes (<0.5 cm diameter). Forearm skin may be flating and discolored along the majority of the forearm.
-	Heavy damage. Deteriorated wing membrane and necrotic tissue. Isolated holes 20.5 cm are present in membranes. Necrotic or receding plagiopatagium and/or chiropatagium are evident.

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BAT CAPTURE DATA (continued)

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	Comments Picture # /Guano/Hair Sample																		Wing Index Key	Description	No damage. Fewer triair o small scar spots are present on the memoranes. Light damage. Less than 50% of flight membrane is depigmented (splotching),	which is often visible only with transiumination. Medicates demonds Coorder than 60% of union membrane concered with scar fiscula	(splotching). Scarring is visible without translumination. Membrane exhibits some	necrotic tissue and possibly few small holes (<0.5 cm diameter). Forearm skin may	ty of the forearm.	Heavy damage. Deteriorated wing membrane and necrobic tissue. Isolated noles >0.5 cm are nesent in membranes. Nervolic or receding plagiopatagium and/or	
	Wing Index* Picture #	0			-	0	0	0											Wing In	Descr	No damage. Fewer triait o stitiali scar spous are present on ure menualiza- Light damage. Less than 50% of flight membrane is depigmented (splotchi	which is often visible only with translumination.	state damage. Greater upon 30 % of without tran	otic tissue and possibly few small hole	be flaking and discolored along the majority of the forearm.	vy damage. Uetenorated wing membr cm are present in membranes. Necro	chiropatagium are evident.
niti	Belly Wing (F/M/E) (0	5		E O	5	V C	2 1 2	u u	-			-	3.e		_					2	U NO O	1 which	(spio	-	2 be fit	Heav	3 chiro
	RFA B (mm) (FI	481	1 112	36 2	36 1	4 Ch	177	33	-	-								1		Last	Apr 6	May 5	Jul 4	Aug 2	Sep 1	Sept 30	Mou 28
	Wt (g)	1825	19.25	4	SIL	12/2	23.25	2002											2010 Lunar Phases	Full :	ž	Apr 28				Sep 23	
	Repro. ²	2	NR	NP	70	NR	NO	\$											2010 Lur	-	13 64		13 Jun 18				Cot 2 View 42
30	Sex (M/F)	2	L	4	H	4	4	N					-							New	Feb 13	Mar 15	May 13	Jun 12	11 luc	Aug 9	ocho
Site Name/#:	Age (Ad/Jv)	A	F	A.	Ad	AD	DO	R				4															I with difficulty
Site N	Time	3340	346	15 B600	00.15	6415	60153	0015													uo		rind vanes	ane moveu by wind	are moved	elets on inland water	stle; umbrellas used
ubolc.	Species	uscus	USUUS	A otis scritcritri anali	Support ANDA 3	Parties -	Puscus	Septentromalis											Beaufort Wind Scale		Visible Condition	Smoke rises vertically	Direction of wind shown by smoke but not by wind vanes	Vind feit on face; leaves fusite, ordinary wind vane moved by wind Leaves and small twids in constant motion: wind extends light flag	Raises dust and loose paper; small branches are moved	Small trees in leaf begin to sway; crested wavelets on inland water	Large branches in motion; telephone wires whistle; umbrellas used with
me: Rup	t	1 た	64	· M.	N. W.	P	40	2										-	-		Description	Calm	Light Air	Light Breeze Gentle Breeze	Moderate Breeze	Fresh Breeze	Strong Breeze
Project Name:	Capt Net # #	A 08	31 A	32. 0	3% D	A ME	25 A	36 A		_	_				-	-	-	*		10000	(udu)	0		1	13-18	19-24	

LIASES	Full Last Moon Quarter		Apr 28 May 5		Jun 26 Jul 4		Aug 24 Sep 1	Sep 23 Sept 30	-	Nov 21 Nov 28
ZUTU LUNAL PHASES	First Fu Quarter M	Mar 23	Apr 21	May 20	Jun 18	Jul 18	Aug 16	Sep 15	Oct 14	Nov 13
V	New Moon	Feb 13	Mar 15	Apr 14	May 13	Jun 12	11 Inc	Aug 9	Sep 8	Oct 7

Score	Description
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), which is often visible only with transfurnination.
2	Moderate damage. Greater than 50% of wing membrane covered with scar tissue (splotching). Scaring is visible without translumination. Membrane exhibits some necrotic tissue and possibly few small holes (<0.5 cm diameter). Forearm skin may be flating and discobred along the majority of the forearm.
m	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.

Page of 3 of 3

								1	WEATHER DATA	ATA		
Project #: 346.01	10.01	Date: 201	an In 11		Time (0000 h)	h) Temp (°C)		Wind Speed (estimated – see chart)*	Wind Direction: From to		% Cloud Cover (estimated)	Comments
Droiget Name:	0				0110		-	0	1		40°1r	
I DECT NAILLE	4				2000	10 24	2	0	1		40%	
State: 04	County:	Stread			33.0	00 23.5	8	0	1		01010	
Biologiete.	T Duciou	NA Elina	0.01		333	00	_	0	1		96070	
-sisificion	1 ROLOND IL	-	1111	1	2300			0				
Site name/#:	30				- 833	23.	er la	0				
	ŝ,	75.		11	500	Ca (0				
GPS Unit #:	0160 - 100	S	Camera #: CON	110	0031	1 23.4		0				
					and	0 33 3	- 1	0				
	MC	MOON PHASE*			015	30 22.1		5			00%	
New moon Waxing gibbous Last quarter	sno	Waxing crescent Full moon Waning crescent	First quarter Waning gibbous	er obous	010	C 88 Q		50			100 970	
Net/Trap/Anabat #	t Net/Trap Type ¹	1	Latitude	_	Longitude	de	Length (m)	th Height	t Time Up	Time Down		Picture #
Y	KW.Y	60 . 1h	N. 1 @(.	° C\$	2. 22	Ma 1 25	12/	2	2040	-	910	
8	NIN -	41 . 09	1	. 04	20. 1	2	4	10	2406	5000	400	
2	N/XX	41 . D9	N. 7 41 .	· C*	55.4	Mu V DE	6	54	2020	0110	200	
et Placemen	Net Placement/Site Description:	H 04	69,2	1 43	22 32	3.35	4	21	2055	0215	906	
Capt Net # #	S	Species	Time	Age (Ad/Jv)	Sex I	Repro. ²	Wt (a)	RFA Belly (mm) (F/M/F)	y Wing Index* E) (0-3)		Comments Dicture # (Guano/Hair Samule	ents /Hair Samn
1 1	Lasminis	Inviso Pic	BADE	14	1	NA N	V	-	~	-		
A R	ALC: NOTE: NOTE: NOTE: NOT: NOT: NOT: NOT: NOT: NOT: NOT: NOT	S PUSI		R	. 4	NA N	20	IN PI	0	CL1	200	142 1 2 4 C 1 2 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2
3 P	t Pusci-		JARC	Ad	H	PL J	0	47 17	C			
A A	E. ANSCUS		3330	F	N	4	1.35	US N	0			
A	E. Auseus		3230	Ad	M	1	L	40 4	0			
6 A	L. Dorrali	01	3330	Ad	M	~ ~	4	49 4	0			1.0
4 L	L. CINERU	rus	3330	NF.	Ψ.	NA S	84 5	53 F	C			
8	E. Fuscus		2245	Ju'	4	NA 1	6.25 4	M L	0			
9 8	Efacus		2245	J,	M	A 1	6,25 Y	S M	0			
0	Musses	L'EVCANNUS	2201	141	4	NA	a a	1	1			

Project #: U A

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Date:

	Wing Index* Comments (0-3) Picture # /Guano/Hair Sample	C			2	0	0												Wing Index Key
Initials:	-		1 C	X	2		_	0		-	-		-	-	-	-	-	_	
	Belly (F/M/E)	2	17	8	20	L	L	R											
	RFA (mm)	30	CDS	111	14	25	40	50											
	Wt (g)	Set	00	00	0.11	115	16,5	18.75											Docod and Long
	Repro. ²	*	10	21	FL	24	N	K											TOPOC
	Sex (M/F)	2	L	L		11	Z	14											
Site Name/#:	Age (AdiJv)	NE	N	NOV	HOH	Act	TV.	AL											
Site N	Time	2200	2000	0000	0000	0000	01010	0410	2										-
	Species	I distant	C Crecic	E. tusas	をやらいら	f FUSCUS	F. Arcus	F. fuscile	0										
Name:	Net #	6)<	T.	A	A	4	H						Ŧ	-				
Project Name:	Capt #		0	50	0	17	5	-	0							-			

Beautort Wind Scale

	MIIIA IIIAA Ney
Score	Description
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), which is often visible only with translumination.
~	Moderate damage. Greater than 50% of wing membrane covered with scar tissue (splotching). Scaring is visible without translumination. Membrane exhibits some necrotic tissue and possibly few small holes (<0.5 cm diameter). Forearm skin may be flaking and discopred along the malority of the forearm.
en	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.

								M	WEALHER UALA			2
C	10 00	Date: 7 6.	11 1.1.		Time (0000 h)	h) Temp (°C)		Wind Speed (estimated – see chart)*	Wind Direction: From to		% Cloud Cover (estimated)	Comments
Project #: 0 1	TUNT	Dale. CD	UM II	1	210	10 23.3	/	1	(So		
Project Name:	: Kepublic			Ĩ	2 3	30 22.5	/	F	(50		
State: Ol	County:	Seneca			220	E-12 00				0		
1	4	1111	1		222	1.12 00				0		
Biologists: V	, Basigel	UIK GINNENZ	21	Ĩ	230	00 20.3				2		
Site name/#:	30 '				2.3	30 19 9				01		
I '	110			T	200	000 19.9	_			R		
GPS Unit #: 20	1214626	Camera #:	ra #: COUN C	10	()0.	30 19.8				22		
					10	NO 19,5				01		
	OW	MOON PHASE*			10	36 19.4	-			2		
New moon		Waxing crescent	First quarter	SIC	07:	00/9./				0		
Last quarter	ET.	Waning crescent										
Net/Trap/Anabat #	t Net/Trap Type ¹	Latitude	ade ,		Longitude	de	Length (m)	Height (m)	Time Up (0000 h)	Time Down (0000 h)	a.	Picture #
R		. 00 · 17	Na C	.00	59	M. 7.82	12/	6	2040	0150	016	
B		. 60 . 11	N. 7.11	• 53	- 59	W") 12	\$	y	Shoz	OISS	909	
V		- 69 · 17	N. 9.01	. 3	- 52	34.0 "W	6	4	2050	0200	908	
0 lacemen	Net Placement/Site Description:	41 09	59.2	TEQ.	99	33,3	9	16	12055 1	0205	906	
# Net	Ś	Species	Time	Age (Ad/Jv)	Sex (MIF)	Repro. ²	Wt R (g) (m	RFA Belly (mm) (F/M/E)	Wing Index* (0-3)		Comments ture # /Guano/Ha	Comments Picture # /Guano/Hair Sample
4	Entoricus &	64 seres	2120	AP	W	1 4	5.25 45	11	0			
4	1	1056.0.5	2130	>>	L	NA	4 St. H	W S	0			
12	E fu	fuscus	1200	AD	N	+	50 4	w t	0			
4	E. F.1	Fuscos	1200	AP	1	PL 1	9,50 5	0 M	0			
¢	E fusion	20	1202	4P	.1	10	6.00 H	H N	0			
4	F fired	25	22.03	at	11	PL 19	Z0.00 11	1	-			
0		50,	27.03	>!	1	NA	-h St. t.	H L	0			
0		Fuscus	1730	AD	W	4	16.50 4	× S	0			
4			22.20	00	W	-P	14 Jo U	1 17	0			
W			11	CVI-	2.4	1	11 1-1 10	1 N.C.	8			

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

Date: 26 Ju

Picture # /Guano/Hair Sample Comments Wing Index* (0-3) 0 8 0 0 C 0 0 0 0 0 (Q Initials: Belly (FIMIE) 2 ž 3 ź L ž L ş 5 2 1 3 8 2 5 21 RFA (mm) 01 All 5 J ULL 20 5 17 10 75 2 Ð 0 6.52 747 1.14 2 h 1 10 5.00 000 70.00 16:50 0.00 So. 5 00 10.00 DS:12 16.25 1× 9.25 50 8 000 00 C? K (g K 1 4 5 P U Ł 0 Repro.² AIR-NA 4 NR AN à MAN -1 AVA 5 -1 -2 5 4 -D 0 ā Sex (MIF) 30 2 U ş Z 4 \$ 17 11 2 4 11 2 s 14 4 11 1 11 5. Age (AdlJv) Site Name/#: CCA C: VI 0 5 071 City a 20 \geq 00 2 20 00 010 £ 2 2 2 2 4 23304 23:05 23:05 73/10 123711 79:20 9 G .. E. 01:22 ST.C.S 23.06 23:10 330 73.34 13:20 1300 1361 1730 Time 214 3 bolies! 1 Species Losifuas Project #: 340.0 Project Name: # Net ¢ X 5 6 ø ¢, 3 1 4 5 ς, 9 T 4 t -Capt 2 σ r. 2 3 Ų P 0 P Cal. F -VI 17 QL. # 3 2 2 ÷ N N r

Beaufort Wind Scale

Wind Speed (mph)	Description	Vrsible 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 twids off trees: generally impedes progress

New	First Quarter	Full Moon	Last Quarter
Feb 13			
Mar 15			
Apr 14			
May 13			
Jun 12			
Jul 11			Sep 1
Aug 9			-
Sep 8			
Oct 7			

2010 Lunar Phases

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Decrintion
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score	Description
0	No damage. Fewer than 5 small scar spots are present on the membranes.
t	Light damage. Less than 50% of flight membrane is depigmented (splotching), which is often visible only with translumination.
2	Moderate damage. Greater than 50% of wing membrane covered with scar tissue (splotching). Scaring is visible without translumination. 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 forearm.
ŝ	Heavy damage. Deteriorated wing membrane and necrotic tissue. Isolated holes >0.5 cm are present in membranes. Necrotic or receding plaglopatagium and/or chiropatagium are evident.

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BAT CAPTURE DATA (continued)

Picture # /Guano/Hair Sample Comments Wing Index* (0-3) 0 0 1 0 5 0 Initials: Belly (FIM/E) 3 2 4 4 2 4 RFA (mm) 114 50 Sh 5 -5 15.00 11.25 00.1 20 125. 72,00 1) (g T Repro.² AN AN -0 -> ÷ -7 Sex (MIF) Site Name/#: 30 Ś 2 1 S N Age (Ad/Jv) P.H F AD 2 > 3 3.99 952 P 4 12 1250 3.34 Time 52 220 r Ē Species Project Name: Net A # d. 0 <1 4 5 35 94 245 Capt # 3200 3 2 17 h h 100 117 Fi 5 247 F

Beaufort Wind Scale

n Visible Condition	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	ze Raises dust and loose paper; small branches are moved	Small trees in leaf begin to sway; crested wavelets on inland water	Large branches in motion; telephone wires whistle; umbrellas used with difficult	Whole trees in motion; inconvenience in walking against wind	Breaks twigs off trees; generally impedes progress
Description	Calm	Light Air	Light Breeze	Gentie Breeze	Moderate Breeze	Fresh Breeze	Strong Breeze	Moderate Gale	Fresh Gale
Wind Speed (mph)	0	1-3	4-7	8-12	13-18	19-24	25-31	32-38	39-46

2010 Lunar Phases

st		Last
Quarter	Moon	Quarter
ar 23		Apr 6
pr 21	Apr 28	May 5
ay 20		Jun 4
In 18		Jul 4
ul 18		Aug 2
Jg 16		Sep 1
ep 15		Sept 30
lot 14		Oct 30
ov 13		Nov 28

Wing Index Key

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 (splotching). Scarring is visible without translumination. Membrane exhibits some necrotic itseue and possibly few small holes (<0.5 cm diameter). Forearm skin may be flaking and discolored along the majority of the forearm.	Heary 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.
	No damage. Fewer than 5 small s	Light damage. Less than 50% of flight membra which is often visible only with translumination.	Moderate damage. Greater than 50% of wing membrane c globching). Scarring is visible without translumination. Me necrotic tissue and possibly few small holes (<0.5 cm diam be flaving and discolored along the majority of the forearm	Heavy damage. Deteriorated win >0.5 cm are present in membrane chiropatagium are evident.
Score	0	-	2	3

Page Sof 3 of 3

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Date: 26 Ju/-1/

Project #: 340, 0

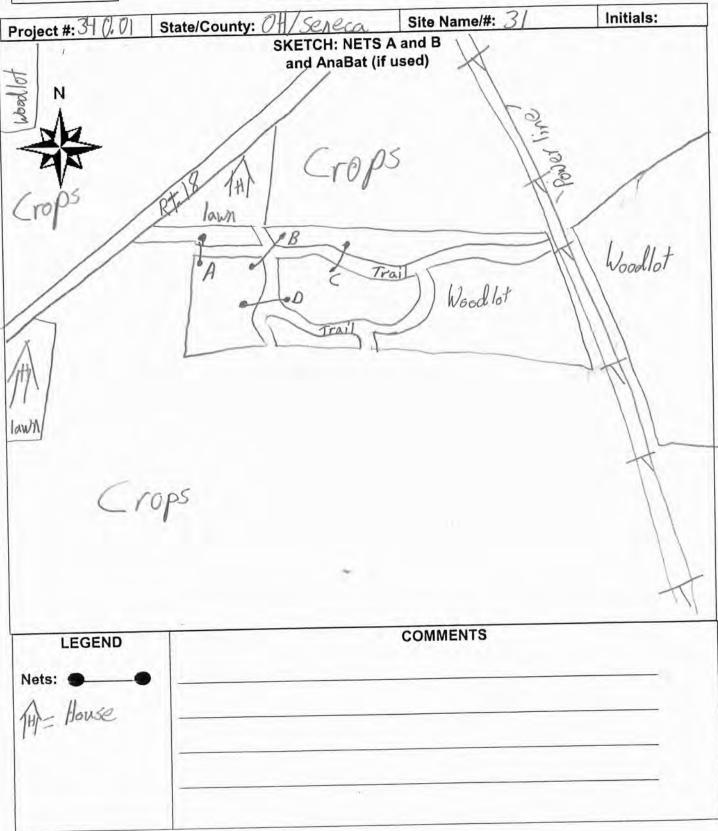
TRICK!		4525 Este Ave	rty of: Environment nue. Cincinnati, OH		
ESI NET	SITE HABITAT				
Project #: 340,01	Date: 27 Jul	Biolog	ists: J. Bos	gel	
Project Name: <u>Republi</u>	C.	Site Na	me/#: <u>31</u>	-	
State: OH County			Quad: Fire	side	
Net/Trap/ Net/Trap/	Latitude		gitude	Picture #	Waypoint
or AnaBat AnaBat Serial #	1.09 13.8 "N		· 238 W	905	
B N 4	1. 09 17. Z"N	82.59	' 21,7 "W	902	1
C N. 41	· 09 11.9 "N	82.59	121.2 W	903	
D N SI	"09 1/2.8 "N	82.59	19.6 W	904	2
Distance to closest water so		Туре	e of water sour	ce: Pond	
Water source name:	А				
ESTIMATED WATER SOUP	RCE CHARACTERIST	ICS (IF UNDER N	ETS): N/A		
Bank Height:meter	s Channel Width: _	meters	Stream Width:	mete	ers
Substratum:Bedrock	BoulderCobb	leGravel	_Sand _S	Silt/Clay	
Still Water Present (Y/N):					
VEGETATION:		<u> </u>			-
Dominant Canopy Species (The second s	Carva 0	Canopy Spec	les (~ 40 cl	
Acer rubrum		0	brum		
Licer worum		Acer in	or unit.		
	10			29	. 10
Estimated dbh range: Lg:		Estimated dbl	h range: Lg: _	<u>3 7</u> Sm	. 10
Relative abundance of domin Estimated canopy closure:	~/		– Moderat	e	Open
Roost tree potential consists		je Trees	Snags		Neither
Roost tree potential for the a			V Moderat	e	Low
		1	<u>P_</u> modorat	-	2011
Roost potential comments: _	- ou ye hour be	.,	Madaant		-
Subcanopy clutter:			Moderat		Open
Subcanopy comprised largel		er Branches of opy Trees	Saplings	-	Shrubs
Common Subcanopy Specie	Λ	brum			
Sources and a subsection of the sector	T.	randitolia			
	1, 10 141		ides		
Habitat Description: Larg	e woodlor 121th	fields on 3 s	Ides		
AnaBat Habitat: <u>N/A</u>					
Check all that apply:	Depentic Learned D	wast 1. Cross/D	anturn Land	0	har
Mature Upland Forest Young Upland Forest	Recently Logged Fo	Stream	asture Land /River	_0	her
Mature Lowland Forest	Woodlot	Vernal			
Voung Lowland Forest	Old Field	Deepw	ater Lake/Pon	d	
	arse <u>//</u> Modera	teDens	9		
Revised April 2011		1			



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NET SITE HABITAT DESCRIPTION (continued)



	BAI CAPIUKE DAIA	EUAIA					M	WEATHER DATA	A		
Brainet #. 340 01		Date: 75 July 1]		Time (0000 h)	Temp (°C)	Wind Speed (estimated – see c	Wind Speed (estimated – see chart)*	Wind Direction: From to	: % Cloud Cover (estimated)	oud timated)	Comments
Jerr m.	- 10.1	in the o	1	2100	24,9	1		(07-		
Project Name:	Kepublic.		1	2130	> 24.1	1		ĺ	0%		
State: Of	Colinty Son Para			2201	7 23.	(1	0%		
1	1 C	[223	9229	((0.1.		
Biologists: V. 15asige	· ISasigel		1	230	12201	(1	0%.		
Site name/#: 3	31			233	2723	(1	20%		
	the cime		-	COC	21.7	1		1	2%		
GPS Unit #: 5	OV ACAL	Camera #: Caro U	1	003	00						
	MOON BUACE*			0120	10						
New moon Waxing gibbous	11	First quarter Waning gibbous	snoc	0500	17120						
Net/Trap/Anabat #	Net/Trap Type ¹	Latitude		Longitude	ø	Length (m)	Height (m)	Time Up (0000 h)	Time Down (0000 h)	Pic	Picture #
H	N N . DA	N. 481 .	* C. ?	2. 69	M. 48	9	G	SHOT	0150 9	1051	
R	N 41 . 00	N. C.E	· 74	59 . 27	Ma Lil	6	6	2050	0155 9	1.20	
	N N 09	N. [7] 1 .	. 64	6.69	Ma C'I	9	4	2055	2205 9	103	
Placement	Net Placement/Site Description: 41 04	13.6	43	1 69	9.6	6	6	12100/	0210 9	stor 1	
Capt Net # #	Species	Time	Age (Ad/Jv)	Sex R (M/F)	Repro. ² M	Wt RFA (q) (mm)	A Belly (F/M/E)	Wing Index*		Comments Picture # /Guano/Hair Sample	ents /Hair Samp
	Entasicus fuscus	2130	Ad	-	10/ 10	5		0			
8	Fullene	2210	20	T	NA 16	6,5 47	Y	0			
A	E. fuscus	2215	JU	W	A 15,	15 96	M	0			
A	E. Fuscins	2215	J.	M	A 14.	2457	M	0			
8	E. Fuscins	2310	Ad	W	1-1 1	12 51	W	0			
2	E. Fuscing	0500	Ad	M	A 16.	25 45	M	0			
J	Elacric	0130	11	10	A 15.0	2044	W	0			
13	Lasinius boreals	0/30	Ju	F N	A 10	5 M	W	0			

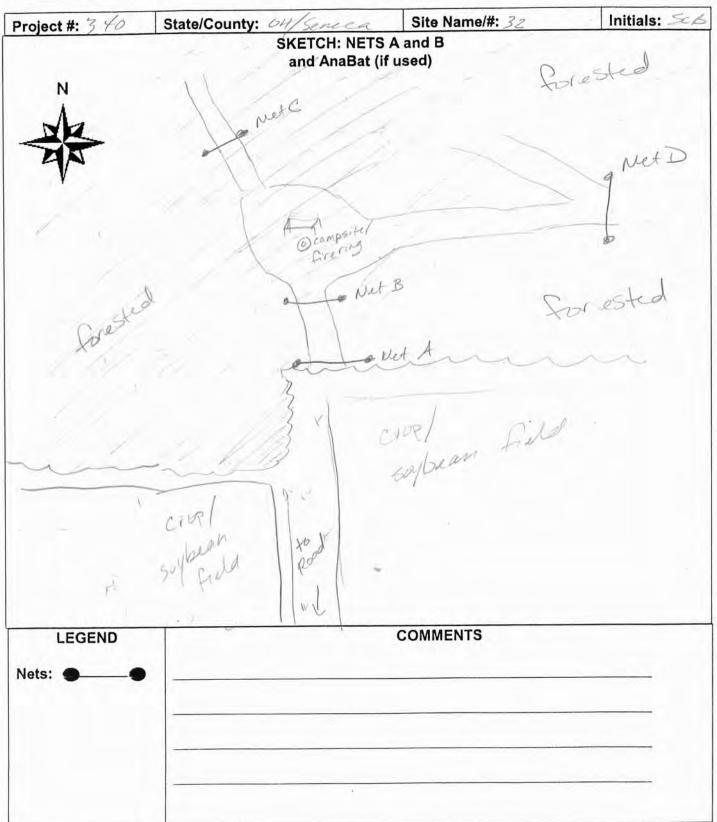
	BA	BAT CAPTURE DATA	DATA		L			W	WEATHER DATA	A		
Droiset #: 240 0	100	Date. 7	Dato: 7 7.1/1. -11		1 00	Time Temp (°C)		Wind Speed (estimated – see chart)*	Wind Direction: From to	1: % Cloud Cover (estimated)		Comments
injeur #.	111 0	Date.	1 100-1	1	511	90 261		-	3	100		
Project Name: 💦	KE public				12	3025-9	1		۱	100		
State: OH	County:	Sereca			27	00 25.8	1		1	100		
	10.1				223	0 25.5	1		1	100		
Biologists:	J. Wasiger			1	23(00 25.1			1	100		
Site name/#:	31 *				23	30 24.8	1-3		NW SE	100		
	561 11-615 Th		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	141	00	00 24,1	1-3		IN-E	100		
GPS Unit #:		1	Camera #: 20 A	110	00	130244	6-1		1-E	100		
					10	00 2:0	5		NW-SZ	100		
	MC	MOON PHASE*			10		2-1		NW-SE	100	-	
New moon Waxing gibbous Last quarter		Waxing crescent Full moon Waning crescent		ibbous	8	00 25.6			M-E	2/		
Net/Trap/Anabat #	at Net/Trap Type ¹	Lati	Latitude	_	Longitude	tude	Length (m)	Height (m)	Time Up (0000 h)	Time Down (0000 h)	Picture #	#
A	N	W . 15	Na Virl.	43	. 67 .	W" 455	2	4	2040	045 9	205	
8	N	PO . 14	N. 6.8 .		. 29 .	M. L'18	00	0	2045	0150 9	120	
U	N	41 . 09	Na [7"]] .	· 89	. 55 .	W" 2110	0	2	0	0155 9	031	
Vet Placemer	Net Placement/Site Description:	11 01	12.8.	B	20	19.6	9	y	5902	0/55 91	NH0	
Capt Net	Ŭ	Charlae	Timo	Age	Sex	Repro. ²	-	-	Win	_	Comments	
*	VIV	TAA	5	(vcibA)			(mm) (b)	n) (F/M/E)	(0-3)	LICTU	Picture # /Guano/Hair Sample	
		111	>									
						t						
				-				_				
								_				

ES	1 N	ET SITE H	ABITAT DES		Property of: Environmen ste Avenue. Cincinnati, Of TION	tal Solutions & 1 45232 (Phone	Innovations, Inc. 1: 513-451-1777)
Project #	: 340	Dat	0:28 July.	2011 B	iologists: <u>E</u> Ba	siger 1	t. Kleinh
Project N	Name: Kerdel	ic-Wind			te Name/#: 32	-	
State: 1	24 Co	unty: Sen	la	U	SGS Quad: Fire.	side	
Net/Trap/ or AnaBat	Net/Trap/ AnaBat Serial #	La	titude		Longitude	Picture #	Waypoint #
A	(J()	21.1	02,3 "N		54 ' 29.7 "W	3696	340A32
B	CT (A		0415 "N		59 '29.8 "W	3100	340B32
D	UTCA	4/013	05.9 "N	82 .	54 129.4 "W	3099	340632
-	to closest water	11 12	'05, "N rs): 300	02	59 1277 "W Type of water sou		340032
VEGETA Dominan Avera Setimateo Relative a Estimateo	TION: t Canopy Specie ba ba ba d dbh range: Lg	es (> 40 cm/16 ca g: <u>75</u> Sm pminant vs. su e:	bdominant (ratio	Subdom <u>Pront</u> Estimate	Modera	ies (< 40 cr	
			Large Tr	ees	<u> </u>	11	Neither
	e potential for th	- 11	High		Modera	te X	Low
	tential comment	s: <u>ligh</u> T	Jark				-
	by clutter:		Closed		Modera		Open
Subcanor	by comprised la	rgely of:	Lower Bi Canopy T		of <u>K</u> Sapling	s	Shrubs
Common	Subcanopy Spe	ecies:		er ica	-		
Habitat D AnaBat H	escription:	focultor -					
Mature _Young _Mature	that apply: Upland Forest Upland Forest Lowland Fores Lowland Forest	Forest E		St Ve	op/Pasture Land ream/River ernal Pool eepwater Lake/Pon	_	her
Herbaceo Revised April	us Cover:	Sparse	Moderate		Dense		

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



NET SITE HABITAT DESCRIPTION (continued)



2	BA	BAT CAPTURE DATA	E DATA						WE	WEATHER DATA	/ 181 Neeb Koad. Cincinnati, OH 45233 (Phone: 513-451-1777) DATA	2233 (Phone: 513-451-1
Project #:	340	Date: 28	7 July 201	11	11 (00)	Time Temp (°C) (0000 h)		Wind Speed (estimated – see chart)*	ed t chart)*	Wind Direction: From to	% Cloud Cover (estimated)	Comments
Droinet Man	12. 1 C.	1			2/	30 29	2°c	1.3	-	1		N 25201 2001
Froject Name: ADA	DUCYNOS	-WINA		1	FEL	VU 86.0	20	21		SW-NF		
State: 0H	1	County: Seneca			32	130 251	124	~	-1	TW- WE		
Riologiete.	Rinhoriste: E Radiant	VIsiohana			ECO	00 35.	1 201	Ne.		N-S.		
-eleipoioia	- Doster A.			1	S	30 35	36 1	19	~	51W - NJ-	1	
Site name/#:	52				25	10 351	1	M	-	W-NE	1	
CDC I Init #-	1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		5	30 35	1.0.1	5	2	W-NE		
		Call	Camera #: CLIN	1	2	10 05.	120	53	N	SW-NE		
					(2)	50 00	1 10/2	m-1	(Y.)	SW -NE	1	
	MC	MOON PHASE*					-				(
New moon	1	Waxing crescent	First quarter	1								
Waxing gibbous	1	Full moon	Waning gibbous	snoq	1		_				-	
Last quarter	1	Waning crescent								-		1
Net/Trap/Anabat #	at Net/Trap Type ¹	Lati	Latitude		Longitude	tude	Ĕ	Length (m)	Height	Time Up Ti	Time Down	Picture #
Y	22	61 0 12	N. 22.3 .	62 .	54 .	Wa 6.92		a	6	-	6146 209	9
69	NN	61 . 12	Na Siho .	82 .	54 .	29.8	>	50	0	N	15. 3ro	
0	NN	E1 0 1/2	N. 6'50.	\$2.0	. 15	24.4	>	10.	0	- Cha	10155 2099	
Net Placeme	Net Placement/Site Description:	41 13	1.50		1.5	27,7°		0-	0	Show		
Capt Net # #	ß	Species	Time	Age	Sex	Repro. ²	Wt (a)	RFA (mm)	Belly	Wing Index*	Cor District # Cor	Comments
M I	Losiurus B	Breilie	ECIC	-	W	NR	85.	4744	1	(ron)	3101-3104	STOL - 3102
A C	Epterious P	PUSCIJE	2130	R	4	NR	16.02	48 mm	114)		10
2 00	Epterious	- Contraction	2243	P	4	NR	21.5%	49 mm	A	-	3	-
A H	Ephesicas	Fuscus -	747C	R	N	NR	H.C.	45 min	M	0		
*	Eplerius	Passas .	20th	Su	4	NR	1003	47mm	1	C		
R	EDRESICUL		8460 3	2	X	NR	15.54	49 m	Pr-	-		
A L	Ethescus In	5005	854C	B	W	NR	155	4 mar	M	-		
F S	Latestan S	Tumour .	140	B		NR	1.0.1	MM CG	10	5		
0 V	-		Wijeu.	i	MA	NIN	0-	11	1	1		

0

46 mm F

5.20

NR NR

B R

2344 5 5

Eptone

4

5

L M

Page 1 of

 ID
 A
 Explosi cus
 Secus
 24 me

 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 = \uparrow/\downarrow

19. 8. 4 49mm F

ESI (6

BAT CAPTURE DATA (continued)

Date:

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

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Froje	ช -	Te:	Site	Site Name/#:					lni	Initials:		
##	# Net	Species	Time	Age (Ad/Jv)	Sex (M/F)	Repro. ²	Wt (g)	RFA (mm)	(F/M/E)	Wing Index* (0-3)	Comments Picture # /Guano/Hair Sample	
17	4	Lasints Boreclis	9/4C	R	F	NR	11.05	39 mm		0		T
C	U	Myotis Septentrionalis	24156	AN	L	PL	7.0%	Blown	1.1	0	2618- CC/S	1
3	0	Myoks Sectimitionali	SCHC	R	V	NR	10	35ma	W	0		
14	4	Enterious Puscus	a454	ñ	h	NR	16.04	45mm	W	0		1
5	2	15 APSICUS TUSIUS	2457	3	W	NR	16.50	Home	W	0		1
-0	9	Editsicus Puxus	3970	R	W	NR	15.5%	HSMM	M	-	Not a lot of hair	1
61	0	1-ofesicus fusus	0001	3	W	NR	13.51	ASmin	W	0		1
2	0	Eptesticus Fuscus	0004	P.A.	11	DI	Pito	49.00	4	C		1
191	0	totesicus puseus	0008	B	V	NR	11.08	18mil	X	5		T
20	0	Entesicus Fuscus	2009	R	\searrow	NR	170	4 Smile	11	0		T
0	0	E DInsleus Evens	0035	in n	1	NR	18.55	47 min	T	C		1
33	0	Fotesicus Fuscus	1000	B	M	NR	T.O.T	Hom	×	0		1
23	0	Pasivis Browlis	683	R	4	NR	4.57	4 mm	- Up	0		1
tt.	4	Losi NS Bringers	5110	R	14	NR	5.02	AL num	TIL.	0		1
3		IPTESICUS PLACUES	Fild	X	W	AN	15 36	HEMM	1	0		T
			3				5			1		-
												1
												1
												-
		Beaufort Wind Scale				2010 Lur	2010 Lunar Phases	s			Wing Index Key	1
					A DECEMBER OF		: 1	-				r

Visible Condition	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 twids in constant motion: wind extends light flag	Raises dust and loose paper, small branches are moved	Small trees in leaf begin to sway: crested wavelets on inland water	arge 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
Description	Calm Smo	ight Air Diree	ight Breeze Wind	Gentle Breeze Leav	Moderate Breeze Rais	Fresh Breeze Sma	Strong Breeze Larg	Moderate Gale Who	Fresh Gale Brea
Wind Speed (mph)	0	1-3 Lú	47 Li	8-12 G	13-18 M	19-24 Fr	25-31 St	32-38 M	39-46 Fr

New	First Quarter	Full Moon	Last Quarter
Feb 13	Mar 23	Mar 29	Apr 6
15	Apr 21	Apr 28	May 5
r 14	May 20	May 27	Jun 4
May 13	Jun 18	Jun 26	Jul 4
Jun 12	Jul 18	Jul 25	Aug 2
Jul 11	Aug 16	Aug 24	Sep 1
6 6	Sep 15	Sep 23	Sept 30
Sep 8	Oct 14	Oct 22	Oct 30
ct7	Nov 13	Nov 21	Nov 28

	willy index ney
Score	Description
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), which is often visible only with translumination.
2	Moderate damage. Greater than 50% of wing membrane covered with scar tissue (splotching). Scaring is visible without translumination. Membrane exhibits some necrotic tissue and possibly few small holes (<0,5 cm diameter). Forearm skin may be flaking and discorded along the majority of the forearm.
3	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.

									WEA	WEATHER DAIA	-		
t	1 900	5	la lu		Time	Temp (°C)	-	Wind Speed (estimated – see chart)*		Wind Direction: From to	Cover (e	% Cloud Cover (estimated)	Comments
Project #: 570.0	570.01	Date:	11/06	I	7170	+	-	2	-		2	2	
Project Name:			•	1	CALC	22.	0	0			30		
174		V			023	0 22.5	X	0			20	-	
State: 017	County	Janera	1		2300	0.22.0	6	0			20		
Biologists:	1. Kniousk			1	22	12 08	N	0			02		
141.	62				00	0 21.7		0			10		
Site name/#:	1		1	Ĩ	03	0 215		0			15		
GPS Unit #:	+	Came	Camera #: Srin	1	1 00	2 21.3	-	0			0		
	-				130	0	_	0			0		
	MC	MOON PHASE*			200	0.12 0		0			0		
New moon Waxing gibbous Last quarter		Waxing crescent Full moon Waning crescent	First quarter Waning gibbous	sno									
Net/Trap/Anabat	t Net/Trap Type ¹	Lati	Latitude		Longitude	de	Fe	Length (m)	Height (m)	Time Up T (0000 h)	Time Down (0000 h)		Picture #
#	Tou	c/1 • 12	Nº 2.00	82 0	59 .	W" 7. P2	1		0	2110	215	3096	
400	net	0	1.5	82 .	1 125	29.8 m	0	a	0	2107	211	3100	
2	1001	0	0	0 62	- 15	5		10	5	2100	200	3099	
Placemen	Net Placement/Site Description:	1 11-	15	6.2	2 1 15	たった		6	10	5012	207	3098	
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 cture # /Guano/Ha	Comments Picture # /Guano/Hair Sample
# d	1 horantis		2120		141						200	aped	
9 0	1. horalic		2,720),	11	M	3.6	02	M	6		1	
96	E Frents		9130	4	M	E	16.2	46	L	S			
5 ~		1.2	2/36	Ju	L	NR	10.5	41	4	8			
d			2155	4-	X	>	1.7.	94	U	8			
2 2	Q		2716	¥	E	M	20,7	46	W	Ø			
a d	F.C. S.		2210	X	14	1d	20.6	24	m	8			
2	1. barralia	4	2210	21	21	NR	10	14	m	6			
¥	SCUS		2210	4	¥	DT	19.9	46	C	Ø	_		
			1		4	14	11 11	11	11.0	A			

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ESI

Project #: 340

Date: 7/30/11

Property of: Environmental Solutions & Innovations, Inc. 4525 Este Avenue. Cincinnati, OH 45232 (Phone: 513-451-1777) Ils: All Comments (Phone: 513-451-1777) air Samole Comments/Picture #

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F St

Capt.#	Net #	Species	Time	Age (Ad/Jv)	Sex (M/F)	Repro.	Wt (g)	RFA (mm)	Belly (F/M/E)	Guano/ Hair Sample	Comments/Picture #	
10	C	E. Rocus	2215	Ju.	IN	NR	14ib	45	Lot			
11	60	L. Borealis	2235	A	14	5	10.6	42	m			
7	¥	1.5	2235	Su	M	NR	15.4	44	L			
3	4	4	2235	Z	4	DC	19.0	54	m			
14	A	E. Fus eus	2235	32	LL.	NP	165	45	F		thaks	
15	8	E fuscus .	2235	X	4	N	2/3	th	4			
16	A	E. Foscus	2235	2	UN	NP	15:2	Sh	L			
E1	A	Enfraces	2235	0	4	NP	16.9	47	K			
14	ß	E. Rocus	2310	20	V	NR	16.3	20	W			
6	D	Efusors	0162	201	H	NR	15,2	016	H			
20	60	EGuscus	23/0	Y	ħ.	7d	19.3	5/2	L			
12	A		23152	.) u.	L.	NR	2/21	912	M			
22	Ą	E. Kuscus	2315	A	led	>	16.3	35	U			
23	D	L. Borcali's	2317	30	M	NR	8.8	14	Ma			
24	q	E. Suscus	2345	A	Lul	1	13,4	1272	F			
52	A	E. fuscus	2355	Ju	nu	NR	16,1	46	L			
26	V	E. Evecus	500	¥	In	X	17.0	46	E			
tz	2	E. fuscus	200	ŀ	1 miles	NP	145	44	EL.			ġ.
82	A	E. FUSIUL	510	5	d'	NP	641	44	177			
52	4	T. fusios	6.0	k	t	NZ	163	212	+			
0%	X	t. fusius	010	F	W	NR	4	Sh	2			
6	¢.	F. FUSCUS	0/0	5	No	N.N	24	74	2			
22	<1,	1. 20111011	0.32	n	J	2 V	10.1	140	J			
22	V	E. 406105	0.40	C.d.	2	->	12.4	44	Not 1			
50	X	T. tusius	0.4.0	5	5	NZ	5.0	U.L.	1			
52	F	I. Shr	04.0	10	1	XX	11,4	52	U			
36	2	C. 30x	40	13	F	NR	16.9	52	L			
45	×	1	1:00	1>	E	N.R.	1	41	S.			
12	(100 V V .	2111	1.0	1	N N	1	20	-Va			

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Page ∠of ⊴

	Comments/Dicture #													
Initials: ABL	Guanol	Hair Sample												
<u> </u>	Belly	PM PM												
	RFA	38												
	Wt	9.1												
	Repro.	NR												
30/11	Sex	22												-
me/#:	Age	J.												
Date:	Time	21D				-							-	
340	Species	L. borealis												
ne	Net #	X												
Project #: Project Name:	Capt.#	20												

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



NET SITE HABITAT DESCRIPTION

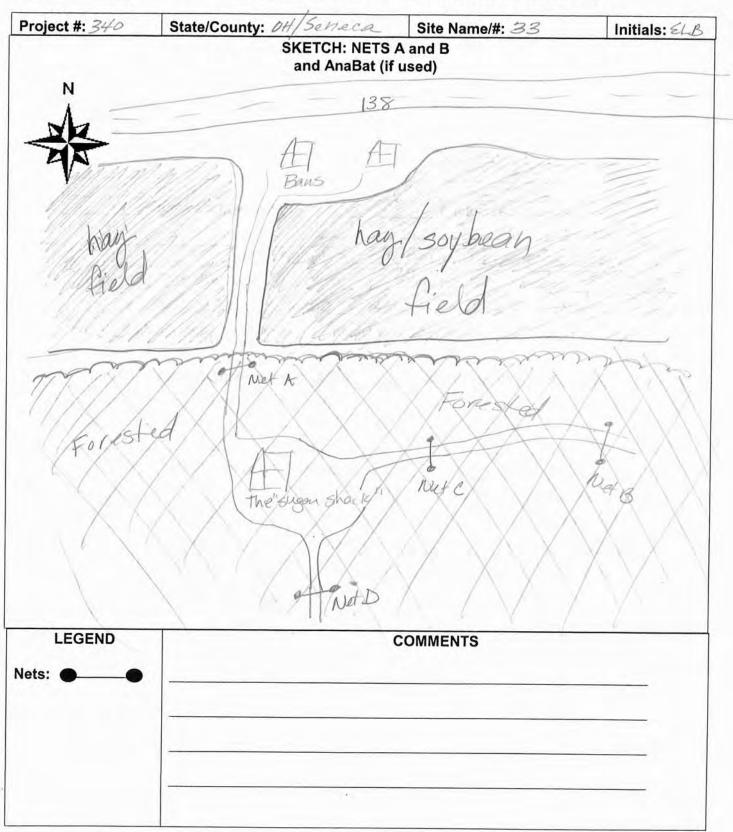
Project #		11 7	ate: 22 July	Joil Biol	ogists: E. Basi	ger', 5.0	aptain
Contraction of the	Name: <u>Reput</u>	$2(\mu - M)$	nd	Site	Name/#: 33		1
State: (unty: Ser	reca	USG	S Quad: Fire	side	
Net/Trap/ or AnaBat	Net/Trap/ AnaBat Serial #		Latitude	1	ongitude	Picture #	Waypoint #
M	NN	4/ 0 16	* 41-2"N	82.5	19,2 W	3096	51
B	M.M.	41 . 10	' 40.3"N	82 . 5	7 ' / =.(o"W	3100	52
D	NIO	4/ 0 16	' 40,7 "N	82.2	' 13.0 "W	3099	53
	to closest water	41 ° 10	' 39.2"N	82° 5	2 ' 17.1 "W	3098	54
			ters).	Iy	pe of water sour	ce: <u>ephanci</u>	al stru
						-	
ESTIMAT	ED WATER SC		RACTERISTICS	G (IF UNDER	NETS): D		
	ght: <u>/2</u> _me		nnel Width:	meters	and the second sec	Vz mete	rs
Substratu	m:Bedroc	kBould	ler Cobble	Gravel	SandS	ilt/Clav	
Still Water	Present (Y/N):	1/			or cm Clarity (
VEGETAT			5		or only Clarity (п,м,с). <u>с</u>	-
Dominant	Canopy Specie	s (> 40 cm/1	(6" dbb)	Subdominar	+ Canany Caral	1.10	
	secharum			Acer	t Canopy Specie	es (< 40 cm	/16" dbh)
Quer	us alla			P	1 1	anga	Caracitorna
- 1	is right			11.	seistina		
0	Λ	Ich a	110		omericana		-
	dbh range: Lg:			Estimated dt	oh range: Lg:	<u>37</u> Sm:	10
			ubdominant (rati	o):_/:75	_		
Estimated	canopy closure	;			Moderate	C	pen
Roost tree	potential consis	sts of:	Large T	rees	Snags		Veither
Roost tree	potential for the	area is:	High		Moderate		
	ntial comments	1 1		nd Querr	us trees w		w
Subcanopy	/ clutter:	P	Closed		XModerate		pen
Subcanopy	comprised larg	jely of:	the second se	ranches of		100 C	hrubs
			Canopy	Trees			
Common S	ubcanopy Spec	ies: 🔬	tsimina t	riloba	Acer Sal	charuv	h
		(Ostria via	uniana			
abitat Des	scription: Mat	me lipt	and Fore	1 11 -	Dominant A.	and	
naBat Hal	bitat: NA	1		the second second			
heck all th							
Mature U	Ipland Forest	Recently	Logged Forest	Crop/P	asture Land	0.	
Young U	pland Forest	Forest E	dge	Crop/F		Othe	r
	owland Forest	Woodlot		Vernal	Pool		
	owland Forest	_Old Field	1	Deepwa	ater Lake/Pond		
erbaceous		parse	Moderate	Dense	9		
evised April 20	11		I				



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NET SITE HABITAT DESCRIPTION (continued)



	Comments	rouned earlie				Hunderstone in de	44	1 Raids	Rown					Picture #	5	0	5	8	Comments Picture # /Guano/Hair Sample	22	84	623			85			Dan ich.	
	% Cloud Cover (estimated)	40%	50%	502	50%	56%	305	100%	1001		50)		Time Down (0000 h)	1000 309	0000 310	2010 309	505 0100		3080-3082	3083 - 3084	3085-32			3088-30			ala she	~
WEATHER DATA	Wind Direction: From to	EVN	$E \rightarrow \infty$	ENW	C > m	101-3	12 60	E-W	6-00	10 5		>		Time Up Ti (0000 h)	2030	3035	0,500	5402	Wing Index* (0-3)	0	0	0	0	0	0		0		
WE	Speed - see chart)*	m								1	T			Height (m)	6	0	9	re	Belly (F/M/E)	U	W	1	M	6	F	M	M		
	Wind Speed (estimated – see c	- 1	1-3	1 3	211	m	1-3	6.1	1-3	4	H			Length (m)	6	Le	6	1	RFA (mm)	MM	15	45	hh	57	00 M	44	45		
	Temp (°C) (es	5	m	-	1	0	070	0	6.0	X	X	_		1	Ma	Ma	Ma	and lot	Wt (g)	5.9	30.8	VEL	20.2	13-	9.3	12.5	Ila, 7		
		0 24	12 0	46 00	30 34	0 24	0	00 24	20 2	00	20	00	-	ide	19.2 "	15, 6 "	13.0	1.5	Repro. ²	4	NR	>	7d	4	NR	2	>		
	Time (0000 h)	2100	213	0	n	2300	22	1 0	605	010	3	020		Longitude	. 65	59 .	- 45	For our	Sex (M/F)	M	11	M	A	M	L	W/	W		
	/	1	Î			1		Ì	1			sno .			. 28	. 83	028	52°	Age (Ad/Jv)	Ad	Ad	Ad	Ad	13	B	Ad	Ad		
NIN	The and	1			1-	min			Camera #: AND			First quarter ·		Latitude	Na 27/7 .	N. 2. 04 .	Na 6 aft .	No	Time	0010	0018	2300	3300	3235	3220	2306	3360	3330	
DAI CAPIUNE DAIA	T. CC .atel	Vale. or o	- Wind	Senona	1 - 2	5. (00)	,		Came		MOON PHASE*	Waxing crescent Full moon Waning crescent		Lati	01 . 14	41 . 10	11 . 10	Viets 10	Species	Contrationalis	AM & MA	Precup	25		boradle				
DAI	5	29	Republic	County-	11	Bosiger	22	0-00	250		MO			Net/Trap Type ¹	NN	NN	NN	Net Placement/Site Description:	Ś	Minhs Carl	12	phesicus	Pisc	E. Richo	20 SI W. FUS	E. Rews	ter Rusius	to Fusius	
	Droiont #. 200	nject #.	Project Name:	State DH	idite.	Biologists: Z.	Site name/#.		GPS Unit #:				-rast dratter	Net/Trap/Anabat #	A	6	2	et Placement/	Capt Net # #	0	AL	3 A E	J A Y	S A	G A L	+ H E	8 A 3	9 4 1	

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ESI	BAT CAPTILEE DATA		ł		Pro 781 Neeb	Property of: Environmental Solutions & Innovations, Inc. 781 Neeb Road. Cincinnati, OH 45233 (Phone: 513-451-1777)	utions & Innovations, Inc. 3 (Phone: 513-451-1777)
				M	WEATHER DATA		
Project #: 340	Date: 23 July 2011	Time (0000 h)	Temp (°C)	Wind Speed (estimated – see chart)*	Wind Direction: From to	% Cloud Cover (estimated)	Comments
Project Name: Ru	muldie-wind a						
	County Sanala						
K	interest of the second		((
DIOIOGISTS.	adver 1. Captain	2	1	1 1 1	D		
			1				

% Cloud Comments

Net/I rap/Anabat #	Net/Trap/Anabat Net/Trap Type ¹	Latitude	Longitude	Length (m)	Height (m)	Time Up (0000 h)	Time Up Time Down (0000 h) (0000 h)	Picture #	
A	22	Na 2 5 1 91 0 15	M. 761 . 65 . 23	1	42			3096	
B	NN	Na 2.00 . 01 0 /2	Ma 9.31 . 65 . 28	6	0.		1	3100	
0	NN	N. 6.07 . 01 . 14	Ma 0 21 . 65 . 18	6	10			2099	
Net Placement	Net Placement/Site Description:	11 10 39,2	121 59 1711	1	0			3098	

First quarter Waning gibbous

___Waxing crescent __Full moon ___Waning crescent

____New moon _____Waxing gibbous ___Last quarter

I

MOON PHASE*

Camera #: 000

M

Site name/#:

à

952

GPS Unit #:

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
_											
		01	E	V	t						
		4 A	X	X		\cap					
-			/	-	-						
-											
-											
1 = Monofilar	¹ M = Monofilament, ON = Old	M = Monofilament, ON = Old Nvlon, NN = New Nvlon. HT = Harp Trap: A = Anabat	ap: A = Anabat	² Ren	roductive Co	² Benroductive Condition: Female - ND/DC/I /DI · Male - A/	- ND/DC/I	- 1010 - 10			

Page 1 of

	DAI	BAI CAPTURE DATA	AIA						WEATHER DATA		
Project #: 2	240	Date: 24 C	In we	1	Time (0000 h)) Temp (°C)	Wind (estimated	Wind Speed (estimated – see chart)*	Wind Direction: From to	: % Cloud Cover (estimated)	d) Comments
	0	1.1.1	- h		2100	05.9	-1-	~	1 IN	100%	1
Project Name:	- republic-	- WIND		1	2130	34.9	1-1	m	E-W	10010	1
State: 04	County:	Someca			2200	34.3	1	2	SE-NW	75.0	1
		2 V			aleel	5 3U.D.	-	2	3-M.	35%	1
Biologists: 🗶	- Baseger	2. Capitori		I	128C	33.8	1	N	A-M	10%	1
Site name/#:	NN NN				Inel	1220	1	5	11	37.91	
	0230		+	1	00 00	32.60	1	- 23	1.1	50%0	1
GPS Unit #:	1/20	Camera #:	100 :#1	2	10. 27	1 21.4	1	3	11	N.S.S.	
					200	33 1	-	n	4	8	
	MO	MOON PHASE*				33.1	-	m	100	30%	
New moon Waxing gibbous Last quarter	111	Waxing crescent Full moon Waning crescent	First quarter Waning gibbous	er bous							
Net/Trap/Anabat #	Net/Trap Type ¹	Latitude	a		Longitude	٥	Length (m)	Height (m)	Time Up (0000 h)	Time Down (0000 h)	Picture #
A	CACA.	1. 91 . 1h	Na Cont	\$2.0	. 65	Mac	0	A	2030	0190 30910	0
R	NN	· 11 • 15	N. 217	• 28	59 . 12	Ma 9 5	4	0	2035	0145 3100	0
2	1111	1 C// o. //s	N= 6 90	0 1.S	1.1. 65		6	0		0156 309	5
acement	Net Placement/Site Description:	Wills mu	392 Nouls	52 .	59 1	1	1	0	Shoe	0 30	8.6
het #	S	Species	Time	Age	Sex R	Repro. ²	Wt RFA (a) (mm)	A Belly n) (FIM/E)	Wing Index*		Comments Picture # /Guano/Hair Sample
T I	Advine D	crite	2(0.0)	PY	4	PC 18		-			
100	stesic	DShite	SIND	Ad	4	P1 19	07 5'	N N	0		
A B	Ladine		33.6 U	1 12	14	PL. 3/	3.13 460	1	0		
Pri la	the deal and		Japan	11	M	66 JN	2,0 45	W is	0		
SL	Summer S		3300	11	M	NR 19	15 yr	H	0		
1	C. C. Maria		4142	M	N	V -18	54 0.3	1	0		
0	E. Gus as	6)	1	30	11	NK 15	1 -	M	0		
					-						
						+					

-	Na	DAI CALIUNE DAIA							WE	WEATHER DATA			
C .# Project	~	Deter 26	NUC 11		11 (000)	Time Tem (0000 h)	Temp (°C) _{(e}	Wind Speed (estimated – see chart)*	-	Wind Direction: From to	-	% Cloud er (estimated)	Comments
Ludect #: 2-		1	NN	Ī	2100	4C 01	3.0	3		N#E		2%	1
Project Name:	Kepublic	- WINN		1	2130	20 23	13.6	M-1		N-E	2%		1
State: 011	County:	County: SONPLO			5	00 33	2.9.	1-3		N-5	0/01		1
	10	A	1		3	30 22	9,6	1-3		N-5	1%1	1	
Biologists:	. I Sasiger	Huddy KIOIN h	240	1	3 M	10 00	J.L.	~		N-5	0%		
Site name/#:	33				S	30 21.	2.5	51		N-F	10%		(
	10000		1		DOI.	10 21.	2010	6-1		V-5	201		1
GPS Unit #:	829h	Can	Camera #: Enn	1	00	30 21.	J.C	5-1		V-5	10		
					010	20 00	1.9°C 1	20	Free	V-5	0%		
New moon Waxing gibbous Last quarter	111	MOON PHASE* Waxing crescent Full moon Waning crescent	First quarter Waning gibbous	snor	00	କୃ ଜ୍ମାସ		-		C-N	0		
Net/Trap/Anabat #	Net/Trap Type ¹	Lat	Latitude		Longitude	tude		Length (m)	Height (m)	Time Up (0000 h)	Time Down (0000 h)	ā	Picture #
V	NN	01 • 1D	N. C. 17 .	• 55	50 .	6.61	Ma	0	5	3030	345	3096	
0	NN	01 . 17	500	• C9	. 6 1	15.5	Ma	. 60	10		0150	3100	
0	NN	0.1	N. 604 .	· 3	59.	0	Ma	6	6	0	0155	3099	t
et Placement	Net Placement/Site Description:	41 Noto	vir39. 2 treals	Haroley	50 Hin	171	+	10	C	045	(A) (1)	2605	~
Capt Net # #	Ś	Species	Time	Age (Ad/Jv)	Sex (M/F)	Repro. ²	Wt (g)	RFA (mm)	Belly (F/M/E)	Wing Index* (0-3)		Comments ture # /Guano/Hai	Comments Picture # /Guano/Hair Sample
A I	Ectesicus	E.K.K	toec	PA	W	\rightarrow	17. a	46 mm	W	0			
d	F otoskus	Fuscus	NT S	Ad	11	DL	20.0	47 mm	M	1			
A S	- otesi cus	Flussies	7550	Ad	4	Ó	19.59	48mm	V	0			
At	Eptesicus	Fuscus	2305C	Ad	W	3	17.0	45 mm	W	0			
)			-			

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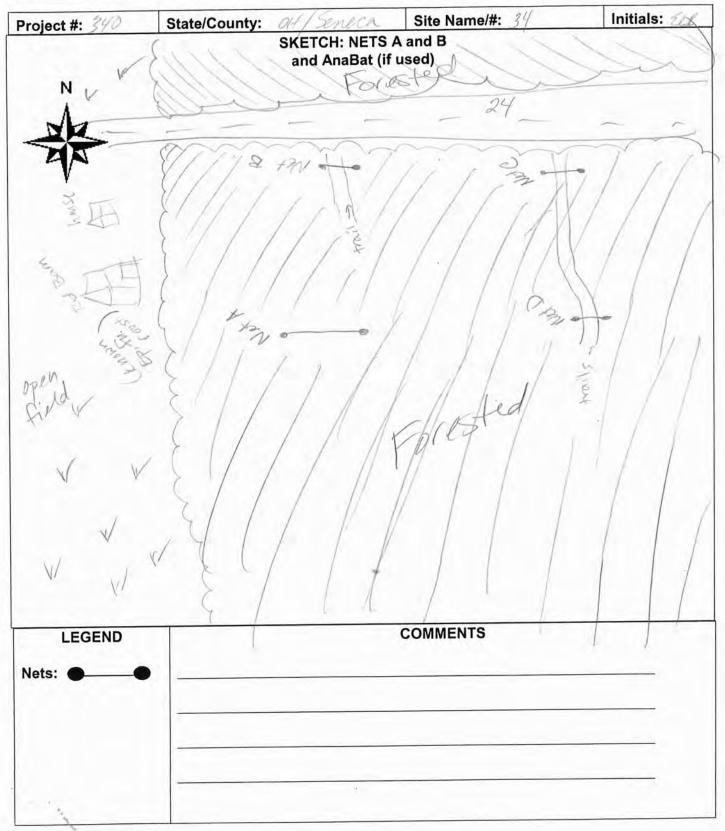
NET SITE HABITAT DESCRIPTION

Project	#: 340	Dat	e:25 July 2	26/1 Biolog	ists: <u>E. Ras</u>	iser	
Project I	Name: Reput	1	4 1/		me/#: 34	0	
State:	6H Cour	1	neea		Quad: Fire.	side	
Net/Trap/ or AnaBat	Net/Trap/ AnaBat Serial #	La	titude		gitude	Picture #	Waypoint #
A		41 . 09	38.4 "N	82.57	· 42.9 "W	975	55
B	Net a	11. 09	40,1 "N	82 ° 57	' 43.3 "W	974	56
C	Net 9	11. 09	40,2 "N	82.57	1 38./ "W	9.76	57
D	Net	1	3817 N		' 36,7"W	977	58
	to closest water s		rs):_ <u>>(</u>	Туре	e of water sour	ce: Pand.	
vvater sc	ource name:						
	TED WATER SOL						
Bank He	ight:mete	ers Chan	nel Width:	meters S	Stream Width:	mete	ers
Substrate	um:Bedrock	Boulde	Cobble	Gravel	_SandS	Silt/Clay	
Still Wate	er Present (Y/N):	Ave	erage Water De	pth:m o	r cm Clarity ((H,M,L):	_
VEGETA	TION:						
0	t Canopy Species	(> 40 cm/16	" dbh)	Subdominant	Canopy Speci	es (< 40 cm	n/16" dbh)
CLINEAL	ens alla			Carga	avata		
CINE	1CHO UNDER			Tilia	america	na	
Can	1 a oveta			Minus	american	a	
Estimate	d dbh range: Lg:	70 Sm	40	Estimated dbl	n range: Lg: _	40 Sm:	10
	abundance of don): 1:50	_		
	d canopy closure:		Closed		Moderate	e	Open
Roost tre	e potential consis	ts of:	Large Tr	rees	Snags		Neither
Roost tre	e potential for the	area is:	High		Moderate	eI	Low
Roost po	tential comments:	dead tre	Bandfri	lan SM	ans		_
Subcano	py clutter:		Closed	Ŷ	Moderate	е(Open
Subcano	py comprised larg	ely of:		ranches of	Saplings		Shrubs
		·	Canopy	Trees			
Common	Subcanopy Spec	ies: _\	Monus am	MALIANA	Acer	Sacchau	1.U.M
		_	Acer Aul	inn	-		
Habitat D	Description: Did	Amou i	AND ALLIS to	rded be	1 dannel	ields	_
AnaBat H	labitat:				(0)		
Check al	I that apply:						
XMature	Upland Forest	Recently	Logged Forest	Crop/Pa	asture Land	Oth	ner
	Upland Forest	Forest E	•	Stream			
	Lowland Forest Lowland Forest	Woodlot Old Field		Vernal	Pool ater Lake/Pond		
			Moderate	Deepwa			
mernace/	ous Cover: S	parse					



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NET SITE HABITAT DESCRIPTION (continued)



Project #: <u>340</u> Project Name: <u>Rupu</u> State: 64 C		DAI CALIUNE DAIA	AIA					M	WEATHER DATA		
oject Name:		Date: 25 7	Tibe whit		Time (0000 h)) Temp (°C)	Wind Speed (estimated – see chart)*	need ee chart)*	Wind Direction: From to	% Cloud Cover (estimated)	Comments
roject Name:	11.	1 1	-		1 3130		5-1		2-3	35%	
State 01	110 - 1	NIND		1	3200	23.9			W-E	10 %	
	County:	04209		1	0200	23.4	M		2-5	1026	
1	0			/	3300	1.20	MI		2-15	0%	
PIOIOGISTS:	DOCIORY			T	0230	8.000 0	N-1	1	SW-NE	Dio	
Site name/#:	24 V			/	0000	5	1-3		SW-NE	0%	
	9600		10	Vir	0030	1.600	1-3		SW - NE	. 0%	
GPS Unit #:	6	Camera #:	a#: Lanb 11	(17	010	22.0	1-3		SW-NE	0%	
	*		2	1	1013	1 million (1977)	m	~ 1	SW-NE	02	
New moon Waxing gibbous Last quarter	111	MOON PHASE* Waxing crescent Full moon Waning crescent	First quarter Waning gibbous	sno	62.00	6 31.7	£-1		SIN-NE.	20	
Nat/Tran/Anahat							I anoth	Loicht	Timo I la Tir	Time Down	
	Net/Trap Type ¹	Latitude	de		Longitude	e	(m)	(m)	-	(0000 h)	Picture #
A	NON UL	. 60 .	Na 7.88	\$2.0	h . 65	Ma 6:04	Ø	0		275 275	
Ø	WN 41	5.600	N. / . 0)	62 0	h. ts	W" E'E	0	0	32	0150 974	
0	NN 41	. 60 .	Nº 2.07	82 0	24.5	Ma 1'&	5	0	2040	0200 976	
Net Placement/Site Description:	te Description:	1.45 Diver	38. 7 Wails	82 A 1000	5 19 19 19 19	tio	9	6	8045	6210 977	
Capt Net # #	Species	ş	Time	Age (Ad/Jv)	Sex R (M/F)	Repro. ² V	Wt RFA (g) (mm)	Belly (F/M/E)	Wing Index* (0-3)	Col Picture # /Gu	Comments Picture # /Guano/Hair Sample
1 2 La	OSHARAS DOVER	cality	3115	is.	M	NR 3	0 39	10		2090	
2010	LOGINING MON	01 22 13	21,20	Ad	۲.	72 10	17 0'5	M	0	0	
3 8 to	resilves Sir	SUIS	2130	A.d.	M	トニト	0 410	M	0	3092	
4 D M	10tis Sept	Tutriorali	5 2145	Ad	M	~	-0 37	N.	0	3093-309	5
S CO	1 septentrio	21/2/15	0.0.35	Ad		- 10	10	M	0	escaped	
M CT M	· septembriona	ravis	OHEE	Ad	Ň	4 A	7,0 36	Z	0		
t C M	Septentrue	oralis	2300	Ad	tr -	76 6	5027	Z	0		
SCE	FUSIUS		3303	B	W.	NED	1,0 43	5	0		

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Page 1 of

						_				AN NE	WEALHER UALA			
0	165	00.000	f	11.40		Time (0000 h)	e Temp (°C)		Wind Speed (estimated – see chart)*	e chart)*	Wind Direction: From to	% Cover	% Cloud Cover (estimated)	Comments
Project #: 570	10	Date	Cinter	1100	1	2300	0 2(0	C	4			7	0%	96% Canson Cl
Project Name:	Henry	122-01	har		1		a	7	Ø		(0	05	have by
44	1 1	Sing	0			320	124	N.	þ			1	25	clouds
State:	- country.	1111				3.2.5	30 31	10	\$		1	-1	63.	2
Biologists:	Casign	A. LIS	Control 1	8	1	000	D 24	1	4			3	32	
Site name/#:	34				-	200	10 231	5	4		L		020	
	0636		.#	20	12	010	17							
GPS Unit #:	1000	Call	Califiera #.	and	1	013	50	-		-				
						0200	0	+		-		-		
New moon		MOON PHASE* Waxing crescent	First q	First quarter										
		Full moon Waning crescent		subdaig gilling	9			-+-						
Net/Trap/Anabat #	Net/Trap Type ¹	Lat	Latitude	-		Longitude	de		Length (m)	Height (m)	Time Up Ti (0000 h) (Time Down (0000 h)		Picture #
1	NIN	60 . 13	1 25.4	Z	920	. 1	Macon	-	0	0	3035 6	5510	975	
B	VIV	50 . 10	1 2 1.	N.	• 23	. 65	Ma & 35	-	10	9	2035 4	0156	974	
N	(111)	60 . 10	617.	Na	0		Ma 125	-	1 5	3	10 0000	11	976	
let Placemen	Net Placement/Site Description:	40: 1h	38.7		B	The	267		0	5	30415	03200	977	
Capt Net # #	S	Species	Time	-	Age (Ad/Jv)	Sex (M/F)	Repro. ²	Wt (g)	RFA (mm)	Belly (F/M/E)	Wing Index* (0-3)		Con cture # /Gu	Comments Picture # /Guano/Hair Sample
+	1-1-1-1	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Cat	27 12	HY HY	11	61	205.	Hinn	4	0			
	Ephesicus	Eusens.		30 10	- PA	H	3	20.05	Ame	L	0			
-												-		
				+					-			-		
					-				-					and a substantial strategy of
			()					1				-		-
								1					1	
	restant of the second of the second	All stress of the second secon				+	the set we wanted		the star man a star			the second		

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13



BAT TRANSMITTER DATA

Project #: <u>340</u> .	02 Date:	24 July 2011	Biologists: DJ	Healt, S	Reeves
Project Name:	Etratich Ripul	olic	Site Name/#:	lite Ila	
State: C	County: <u>Seneca</u>		Camera #: <u>(* 483</u>	34	
Picture #: 3788	1-99, 3803-0-				
Bat Species:	lyotis sodatis		Capture Time	e: <u>2120</u>	
Age Ad or Jv	Sex M or F	-	/e Condition _/PL; M=↑/↓	Wt (g)	RFA (mm)
Ad		PL		7.0	37.0
Transmitter weight =	<u>(), 2</u> grams	Frequ	ency number:7	2.219	
Transmitter + bat tot	al weight = <u>7.4</u>	grams Band/	color number: <u>Silvi</u>	er/ODNR	112063
 2) Signal receive 3) Band attached 4) Condition of 	ment (Y/N):/ animal: Excel ∖e	42.2181			
RELEASE TIME:	<u>22.</u> TC	OTAL HOLD TIME	::	nutes	
RELEASE LOCA	TION: Site IL	e, capture loca	Nion		
COMMENTS:		ofter failed			
	, and the second s	to west in			
	smither gave no				
	smitter readi				

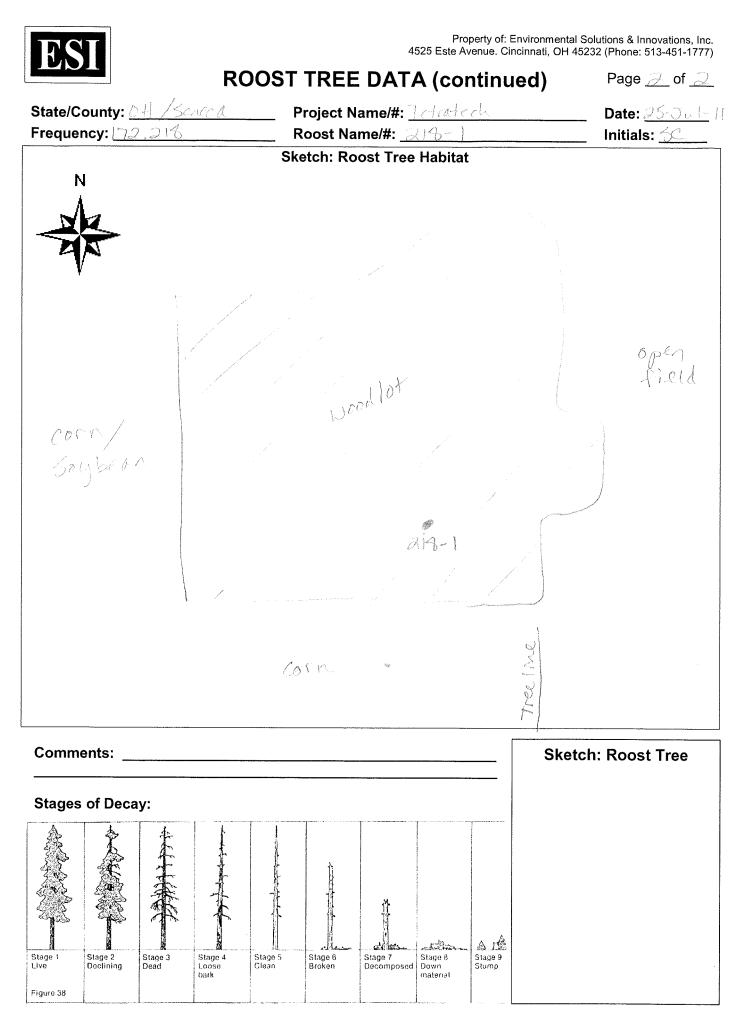


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ROOST TREE DATA

Page _	of
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Project #: <u>340.02</u> Date: <u>25 Jul</u>	142011 Biologists: P. Jeffcott, S. Captain
Project Name: Tetratech Republic	
GPS Unit #: <u>46</u> Waypoint: <u>214-1</u>	
Latitude: <u>41 ° 13 ' 07,6</u> "N	Longitude: <u>4,2 ° 56 '34.0</u> "W
Bat Species: Myotis sodalis	Sex(M/F): Age(Ad/Jv):Ad Repro.:PL
Capture Date: 24 July 2011	Capture Site 16
Frequency: 172. 2(8)	Roost Name/#:bat #1
ROOST TREE DATA	
Roost tree species: Carya Ovata	dbh: <u>25</u> cm
Estimated height from ground to roost: //	(meters) Tree height <u>スス</u> (meters)
Exfoliating bark (%): <u>30%</u> Distance from cap	oture site: <u>1 _{km} </u> m or km (circle one)
Tree health: \angle Live	DeadPartial
Observed roost potential: \underline{X} Exfoliating Bark	<pre><cracks crevasseshollowunknown<="" pre=""></cracks></pre>
Bat vocalizations:Yes	<u>∕</u> No
Guano on ground/foliage:Yes	<u> </u>
Is guano fresh (if present)?:Yes	<u>X</u> No
Guano volume (if present):	
DESCRIPTION OF SURROUNDING HABITAT	
Dominant Canopy Species (> 40 cm/16" dbh)	Subdominant Canopy Species (< 40 cm/16" dbh)
Estimated dbh range (cm): Lg: Sm: <u>40</u>	Estimated dbh range (cm): Lg: <u>39</u> 2 Sm: <u>5</u> 2
Estimated canopy closure at roost: 40 %	
	nt <u> </u>
Subcanopy Clutter:ClosedMo	
	Distance to nearest flight
Distance to nearest water source: $1 \kappa_m$ m or	
Habitat Description: Woodlot with Some large tre	ees mainly shaghark hidrory, fragmented areas of opm
<u>Check all that apply:</u> Gubcanoly, With Verydonse Mature Upland Forest Young Upland Forest Mature Lowland Forest XYoung Lowland Forest Comments: Evidence of logging, landowner allo	orestCrop/Pasture LandShrub/scrub Swamp Stream/RiverVernal Pool geEmergent WetlandDeepwater Lake/Pond Forested SwampOther



DOT	452	Property of: Environmenta 25 Este Avenue. Cincinnati, OH	I Solutions & Innovations, Inc. 45232 (Phone: 513-451-1777)
			Page of
	ROOST T	REE EMERGE	NCE DATA
		Biologists: <u></u> Fa	
Project Name: <u>Republic</u>	State: <u></u>	County: Serv	2C-Q
GPS Unit #:	Waypoint:	0rt-1	
Latitude: <u>41 ° 1)</u> , 67.5	"N	Longitude: <u>82_</u> °	<u>56,38.0</u> "w
Roost Name/#:			
Radio-tagged bat present in tre	e: Yes No <u>∕∕</u>	_	
Complete the following information only	if a radio-tagged bat is pr	esent in the roost	
Bat species: <u>M. Sodali</u> S	Sex(M/F):	Age(Ad/Jv):	Repro.:
Capture date: <u>24-5al-11</u>	Capture site: <u>16</u>	Frequer	ncy:/ <u>`\&.⊋K}</u>
·····			

NOTE: Tallies of bat exits should be made at 2-minute intervals. Use the back lighting of the setting sun to help distinguish bats as silhouettes against the sky as they exit the roost. Please ensure that you are close enough to the roost to observe all exiting bats, but not close enough to influence emergence (do not stand directly beneath the roost and do not make unnecessary noise and/or conversation, and minimize use of lights).

				11
Arrival time:	2045	Departure time:	Total Bats:	

Emergence Time	Number of Bats	Emergence Aspect
The Car	2	
2116		
2118		
	40gr	

Describe emergence: Did bats emerge simultaneously, fly off in the same direction, loiter, circle, disperse, etc. What time did the transmittered bat(s) emerge? What direction did the transmittered bat fly?

Rould not determine point of exit, Bats oral

	1 2	f: Environmental Solutions & Innovations, Inc. Cincinnati, OH 45232 (Phone: 513-451-1777)
		Page of IERGENCE DATA
	USI IREE EN	IERGENCE DATA
Project #: 340.01 Date: 27	Jul 11 Biologis	ts: <u>M.Flynn</u>
Project Name: <u>Republic</u>	State: <u>OH</u> Cour	nty: <u>Seneca</u>
GPS Unit #:	Waypoint:	
Latitude: <u>4</u> ° <u>3</u> ' <u>07,6</u> "N	Longitu	de: <u>42 ° 56 ' -38 0</u> "W
Roost Name/#:		
Radio-tagged bat present in tree: Yes_	No <u> × </u>	
Complete the following information only if a radio-ta	gged bat is present in the	
Bat species: <u>Myotis Sodalis</u> Sex(M/	F):Age(Ad/J	ı):_ <u>A</u> Repro.:_ <u>P</u> L
Capture date: $\frac{1}{2} \frac{1}{4} - \frac{1}{5} \frac{1}{4} - \frac{1}{5} \frac{1}{4} $ Capture	e site:_/ <u>/</u>	Frequency: <u>172.218</u>
NOTE: Tallies of bat exits should be made at 2-r distinguish bats as silhouettes against the sky as the root to observe all exiting bats, but not close	hey exit the roost. Please	ensure that you are close enough to

the roost to observe all exiting bats, but not close enough to influence emergence (do not stand directly the roost and do not make unnecessary noise and/or conversation, and minimize use of lights).

Arrival time: <u>21:00</u> Departure time: <u>21:45</u> Total Bats: <u>4</u>

Emergence Time	Number of Bats	Emergence Aspect
9:10	3	circling around
9:12		circling around 1008t tree
9:14		
	ag	

Describe emergence: Did bats emerge simultaneously, fly off in the same direction, loiter, circle, disperse, etc. What time did the transmittered bat(s) emerge? What direction did the

transmittered bat fly? 3 bats emerged simulaneously bluen 9:10-9:12. All bats circled roost tree for 10-15 mins before dispersive.

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ESI		
Project #: D	ate: 29 Jul 11_ Biologists: <u>PErgenu</u>	
Project Name: Republe	State: <u>0</u> County: <u>Service</u>	
GPS Unit #: <u>351 055671</u>	Waypoint:	
Latitude: <u>/// ° 13</u> , 07, 6	."N Longitude: <u>42 • 56 • 736 7</u> "W	
Roost Name/#: 💈 218- /		
Radio-tagged bat present in tree	e: Yes No	
Complete the following information only if	a radio-tagged bat is present in the roost	
Bat species: M. Sbd alis	Sex(M/F): Age(Ad/Jv): Repro.:	
Capture date: an Jul 11	Capture site: 16 Frequency: 172.218	
	and the second	

NOTE: Tallies of bat exits should be made at 2-minute intervals. Use the back lighting of the setting sun to help distinguish bats as silhouettes against the sky as they exit the roost. Please ensure that you are close enough to the roost to observe all exiting bats, but not close enough to influence emergence (do not stand directly beneath the roost and do not make unnecessary noise and/or conversation, and minimize use of lights).

Arrival time: 20.50 Departure time: 21.30 Total Bats: _/____

Emergence Time	Number of Bats	Emergence Aspect
	1	circlina
	1004	

Describe emergence: Did bats emerge simultaneously, fly off in the same direction, loiter, circle, disperse, etc. What time did the transmittered bat(s) emerge? What direction did the transmittered bat fly?

transmittered bat fly? <u>I had comerged</u>, circled nost tru par in pproximately 16 million enforce <u>Auspinising</u>

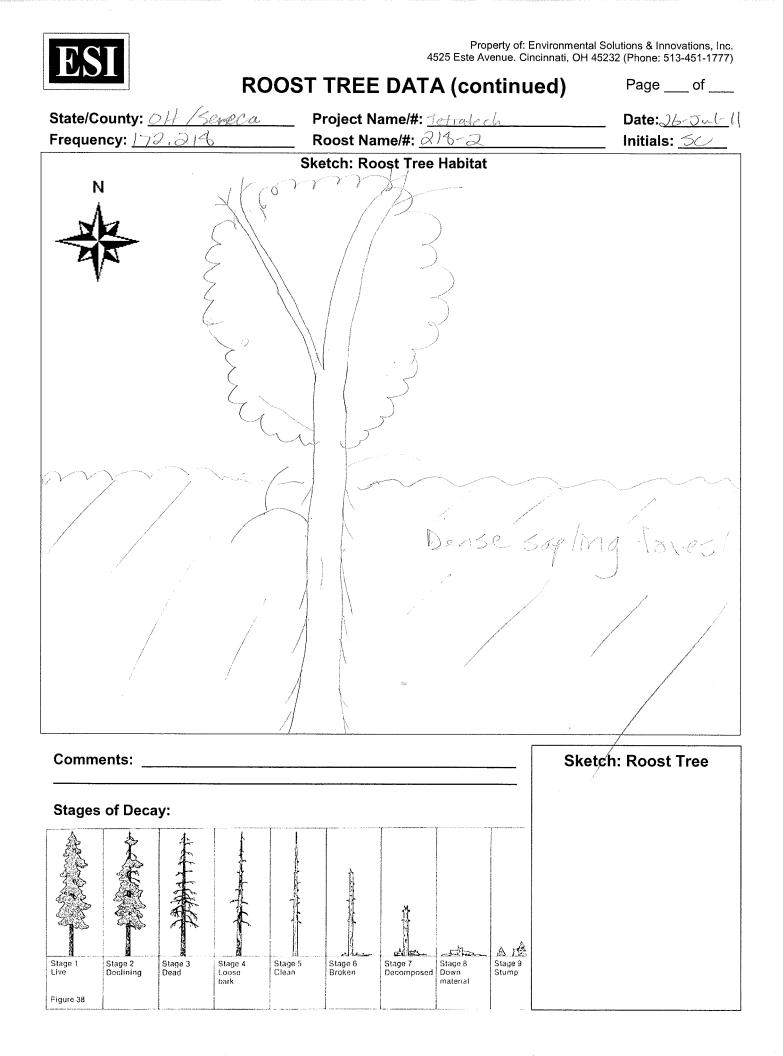
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Page ____ of ____



ROOST TREE DATA

Project #: <u></u>	Date:26-5	ul-11 Biolo	gists: <u>5, Ca</u> f	stain
Project Name: Jetrutech		State: <u><i>D</i></u> <u> </u>		Senoca
GPS Unit #: <u>A5</u> Wa		Camera #: <u>4</u> 3		104-3831,104-3933
Latitude: <u>41°13'06</u>	<u>_</u> "N		<u>a °56'44</u>	
Bat Species: M. 30dalis		Sex(M/F):	Age(Ad/Jv	v): <u>Ad</u> Repro.: <u>PL</u>
Capture Date: $24 - 5ul - 1$		Capture Site:	16	
Frequency: 172, 218		Roost Name/#	#: <u>214-2</u>	
ROOST TREE DATA Roost tree species: <u>Cary a</u>	to roost: <u>30</u>	(meters)	dbh: 3 cm Tree height	//////(meters)
Exfoliating bark (%):	_ Distance from ca	pture site:/	m o r km ((circle one)
Tree health:	Live	Dead	-	Partial
Observed roost potential:	Exfoliating Bar			HollowUnknown
Bat vocalizations:	Yes	<u>∕_</u> No	Ć.	
Guano on ground/foliage:	Yes	<u>,</u> ∕∕No		
Is guano fresh (if present)?:	Yes	<u>∖∕</u> No		
Guano volume (if present):				
DESCRIPTION OF SURROU	NDING HABITAT			
Dominant Canopy Species (>	40 cm/16" dbh)	<u>Сасуи</u> <u>Рорици</u>	ovata Q sdel-pidos	pecies (< 40 cm/16" dbh) Puercu S Eubra
Estimated dbh range (cm): L	g: Sm:	Estimate	ed dbh range (cr	m): Lg: <u>30</u> Sm: <u>10</u>
Estimated canopy closure at	,			
Slope:Steep	_ModerateSlig	ght <u>X</u> None	Slope aspect:	
Subcanopy Clutter:	Closed _ <u>>_</u> M	oderate	Open	
Distance to nearest water so	urce: <u>400 (</u> mo	r km (circle one)		nearest flight <u></u> meters
Habitat Description:				
Young Upland Forest Mature Lowland Forest	Recently Logged Pine Plantation ∠Woodlot/ForestEc Old Field	Stre	p/Pasture Land eam/River ergent Wetland ested Swamp	Shrub/scrub Swamp Vernal Pool Deepwater Lake/Ponc Other



ESI	Property of: Environmental Solutions & Innovations, Inc. 4525 Este Avenue. Cincinnati, OH 45232 (Phone: 513-451-1777) Page of OOST TREE EMERGENCE DATA
Project #: <u>340</u> Date: <u>0</u>	-Jul-11 Biologists: 5, Captain
	State: DH County: Seneca
GPS Unit #: <u>45</u>	Waypoint:
Latitude: <u>4</u> ° <u>3</u> ' <u>06</u> , "N	Longitude: <u>もう 。56,44,6</u> "W
Roost Name/#: <u>⊘/ & - </u> ⊘	
Radio-tagged bat present in tree: Yes	<u> </u>
Complete the following information only if a radio-	tagged bat is present in the roost
Bat species: <u>m . 32 dati 5</u> Sex(M	N/F): F Age(Ad/Jv): <u>Ad</u> Repro.: <u>PL</u>
Capture date: 24-5ul-11 Captu	re site: 16 Frequency:
distinguish bats as silhouettes against the sky as	e-minute intervals. Use the back lighting of the setting sun to help s they exit the roost. Please ensure that you are close enough to se enough to influence emergence (do not stand directly beneath d/or conversation, and minimize use of lights).

Arrival time: <u>2635</u>	Departure time: \underline{a}	125 Total Bate	s:
---------------------------	---------------------------------	----------------	----

Emergence Time	Number of Bats	Emergence Aspect
2056	\bigcirc	
	·	
	*&-	

Describe emergence: Did bats emerge simultaneously, fly off in the same direction, loiter, circle, disperse, etc. What time did the transmittered bat(s) emerge? What direction did the transmittered bat fly? Couldn't see well to the E/NE ;50 she rould have exited from there.

		erty of: Environmental Solutions & Innovations, Inc. enue. Cincinnati, OH 45232 (Phone: 513-451-1777)
	POOST TREE	Page of EMERGENCE DATA
	Date: 27 Jul 2011 Biolo	
Project Name: <u>Republic</u>	State: 04 C	ounty: Greca
GPS Unit #:	Waypoint:	
Latitude: <u>4/ • 13 • 06</u>	<u>~./</u> "N Long	itude: <u>务 ∘ 56</u> , <u>⊰</u> 3,5 "W
Roost Name/#: 2		
Radio-tagged bat present in	/	
	nly if a radio-tagged bat is present in t	
		//Jv): Repro.:
Capture date:	_ Capture site:	Frequency:
the roost to observe all exiting bats the roost and do not make unnecess		
Emergence Time	Number of Bats	Emergence Aspect

Describe emergence: Did bats emerge simultaneously, fly off in the same direction, loiter, circle, disperse, etc. What time did the transmittered bat(s) emerge? What direction did the transmittered bat fly?

individuals drapping from roost true. See

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

Summary: Application Exhibit J Part 10 of 33 electronically filed by Teresa Orahood on behalf of Dylan F. Borchers