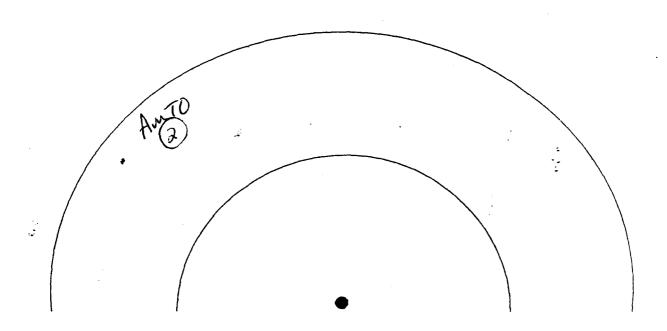
Date: 5/2/00 Survey	y Period: 1 2 3 4 Route	: Timberline Rd.	Surveyor:
---------------------	-------------------------	------------------	-----------

Survey Point Number:

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0921		O	0	NONE
Finish	0925		0	Ò	NON E

Comments:		
		•
	·	



Call Index Value:

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- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

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Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSP
Bullfrog - BUFR

Point 1 = BEALL BOG Point 2 = BEALL Bridge Point 3 = BEALL FARM BOD

Anuran Call Count Survey Survey Period Data Sheet

Date: 3/30/00 Survey Period 1)2 3 4 Route: BEALL Surveyor: STURM

		Surve	y Data		
7	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0650	43°	0	0	NONE
Finish	0726	35°	0	0	NONE

	Point Data									
	1	2	3	4	5	6	7	8	9	10
Start Time		0705	0721							
End Time	0655	0710	0726							
Temperature (°F)	43°	40°	35°					·		
Sky Code	0	0	0							
Precipitation	NONE	NONE	NONE							
Species Heard:	l									
NSPE	3	3	3							

Call Index Value:

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N. Spring Peeper - NSPE
Bullfrog - BUFR
Mt. Chorus Frog - MCFF

Anuran Call Count Survey Survey Period Data Sheet

	y =	
Date: 4/3/08 Survey Period: 1(2) 3 4	Route:	Surveyor: STURTU)

	Survey Data									
40.0	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation					
Start	0700	60°	4-5	ı	Light Rain					
Finish	0830	56°F	2	1-2	NONE					

... D.4.

	Point Data									
	1	2	3	4	5	6	7	8.	9	10
Start Time	9803	0809	0820		0747	0753	0729	0715	0700	
End Time	0807	0813	0824	0745		0757	0733	0719	0704	
Temperature (°F)	56°	56°	560	5 5 7	5 6°	5 6 °	56°	58°	58°F	
Sky Code	2	2	Q	a	a	ঽ	2	4	4-5	
Precipitation	NONE	NONE	NONE	NONE	NONE	drine	NO N	dizze	LT RAIN	
Species Heard:										
NSPE	3	3	3	3	3	3	3	3	2	
								2.0		

Call Index Value:

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Bullfrog - BUFR
Mt.Chorus Frog - MCF

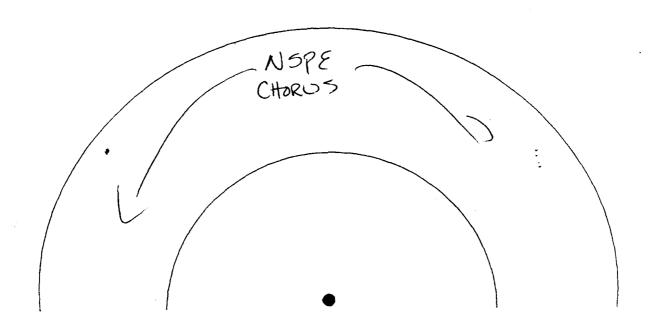
Date: 4/3/0 Survey Period (1) 2 3 4 Route: 1 Surveyor: STURIM

Survey Point Number: 6 (1 dleman's Run Beauer Pont)

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0753	560	а	2	drizzle
Finish	0757	55	ð	2	driezle

Comments: Snipe Calling. Woodcock displaying 111
at least 67



Call Index Value:

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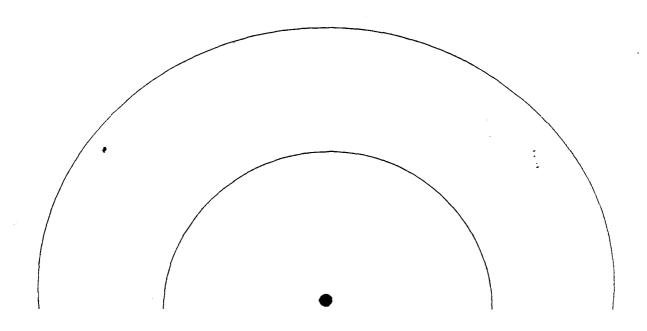
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Pickerel Frog - PIFR
N.Spring Peeper - NSPE
Bullfrog - BUFR
Mt.Chorus Frog - MCF

Date: S	ate: Survey Period: 1 2 3 4 Route:				Surveyor:			
Survey Point Numb	xer:							
·		Surve	y Data					
	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation			
Start								
Finish								
				:				
Comments:								



Call Index Value:

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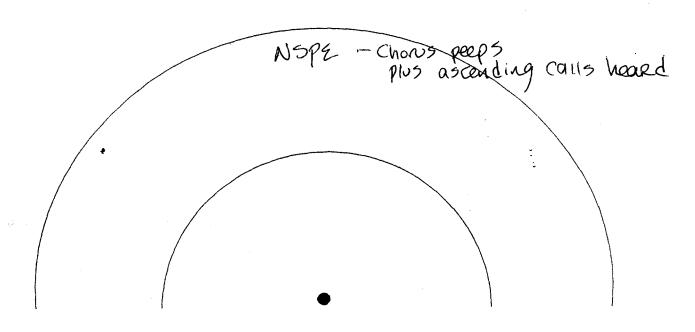
Am. Toad - AMTO
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Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N. Spring Peeper - NSPE
Bullfrog - BUFR
Mt. Chorus Frog - MCFI

Survey Period: 1 2 3 4 Route: _____ Surveyor: ____ Survey Point Number: ___

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0747	55°	a	2	NONE
Finish	075	55°	2	2	NONE

Song Sparrows + Rw Blackbirds Singing
2 duciks coming into Beaver Pond (mailard?) Swipe Coiling



Call Index Value:

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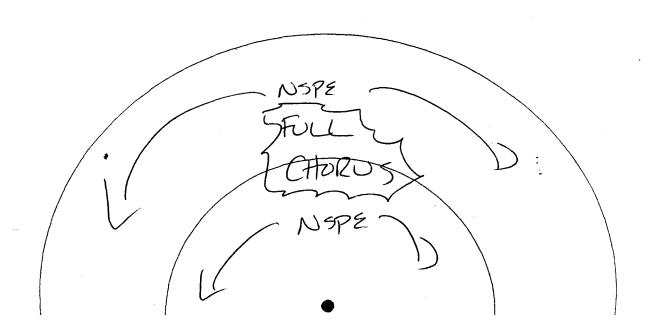
Date: 4/3/00 Survey Period: 12 3 4 Route: 1 Surveyor: 5TUR W

Survey Point Number: 4 (Gypsy Swack)

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	074/	56	a		NONE
Finish	0745	56	ð		Novie

Comments: Song Sparrows, RWBIK birds singing
PEEPERS ALL Around in Spired MARSH (FUII CHORUS)



Call Index Value:

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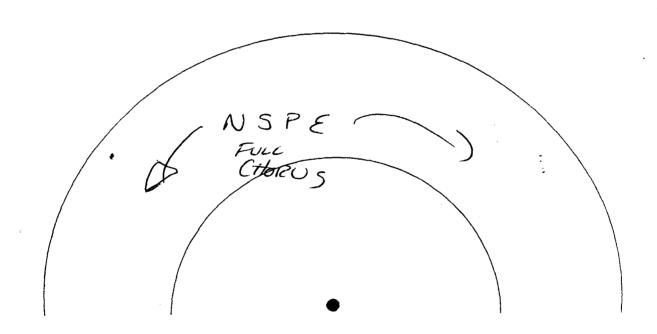
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Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPE
Bullfrog - BUFR

Date: $\frac{4/3/\omega}{}$ Survey Period: 1 2 3 4	Route:	Surveyor:
Survey Point Number: 7		

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0729	56°	2	1	NONE
Finish	0733	56°	Q	1	NOTE

Comments: aleadowlarks, Rw Blackbirds Singing



Call Index Value:

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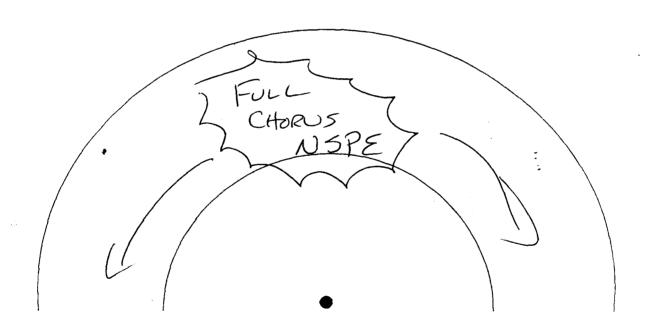
Am Toad - AMTO
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Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPI
Bullfrog - BUFR
Mt.Chorus Frog - MCF

Date: $\frac{4}{3} \log su$	rvey Period: 1 2 3 4	Route:	Surveyor: STURM
Survey Point Number	- 8		

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0715	58°F	4		dizzie
Finish	0719	58°F	4		drizele

Comments:			



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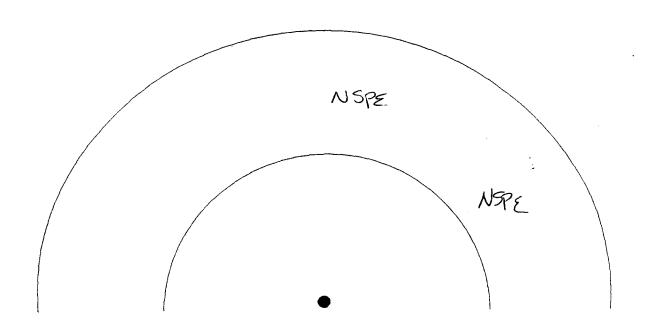
Am.Toad - AMTO
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Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPE
Bullfrog - BUFR

Date: 4/3/0 Survey Period: 1 2 3 4 Route: Surveyor: Stureyor: Surveyor: Surv

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0700	58°	3-4	2	Light Rain
Finish	0704	58°	3-4	3	Light Rain

Comments: Large Raptor seen @ top o Fdood spruce tree -> Goshawk?!



Call Index Value:

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Wood Frog - WOFR
Pickerel Frog - PIFR
N. Spring Peeper - NSPE
Bullfrog - BUFR
Mt. Chorus Frog - MCFR

Anuran Call Count Survey Survey Period Data Sheet

Survey Data									
A \$1.50 m 200	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation				
Start	0800	35-400	Q		NONE				
Finish	0840	32-35	Z	3	NONE				

	Point Data					Frecland Bewek	d 			
	l	2	3	4	5	6	7	8.	9	10
Start Time				0825	0815	0805	0800			
End Time				0830	0820	0810	0805			
Temperature (°F)										
Sky Code				a	2	2	2			
Precipitation				NONE	NONE	NONE	34061			
Species Heard:										
NSPE				3	3	3	3			

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Mt. Chorus Frog - MCFR

Anuran Call Count Survey **Survey Period Data Sheet**

111 1	-y = 01104 2 at a	
Date: 4/19/00 Survey Period: 1 2 3 4	Route:	Surveyor: 5TURM

Survey Data									
Time		Temp (°F)	Sky Code	Wind Scale	Precipitation				
Start 0901 -	70901		1		NONE				
Finish	0955		0		NON &				

Point Data										
	1	2	3	4	5	6	7	8.	9	10
Start Time				0931	0940	0950	0920	0910	0901	
End Time				0935	0944	0955	0924	0914	0906	
Temperature (°F)							-			
Sky Code				0	O	0	1	- 1		
Precipitation				NONE	NONE	NONE	NONE	NUNE	NONE	
Species Heard:							,			
NSPE				3	3	3	3	(2) [20]	6015	
PIFR					(38)					
								<i>7 a</i>		

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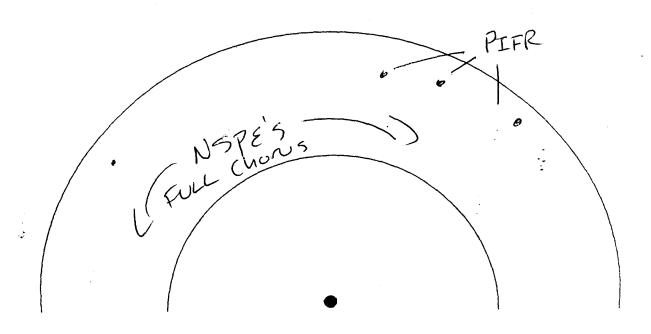
Date: 4 19 00 Survey Period: 1 2 3 4 Route: _____ Surveyor: Surveyor:

Survey Point Number: ______

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0940		0		NONE
Finish	0944		0		NONE

Comments: 1st pickerel Frogs heard This year - Colling from beauer POND



Call Index Value:

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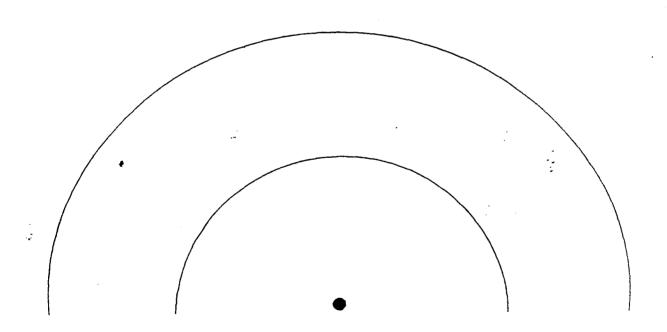
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Pickerel Frog - PIFR
N.Spring Peeper - NSPE
Bullfrog - BUFR
Mt Chorus Frog - MCF

Date: 4/19/00 Survey Period: 1 2 3 4 Route: Surveyor: Su

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0931		0	1	NON 8
Finish	0935		0	(NONE

NSPE FULL Chows From ALL rections

BARRED OWL HEARD CAlling from South Comments: Directions



Call index Value:

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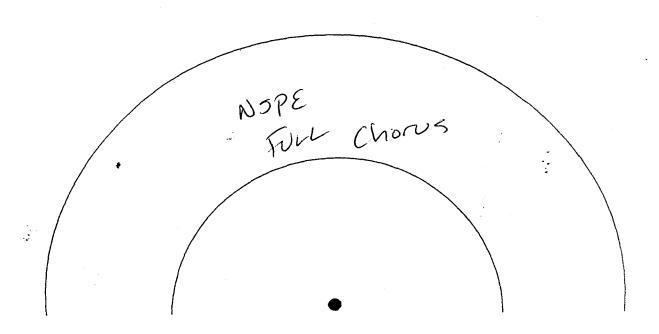
Am.Toad - AMTO Fowler's Toad - FOTO Gray Treefrog - GRAT Green Frog - GRFR Wood Frog - WOFR Pickerel Frog - PIFR N.Spring Peeper - NSPE Bullfrog - BUFR La Charge From - MCF.

Date: $\frac{190}{2}$ Survey Period: 1 2 3 4 Route: Surveyor: Store

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0920		D		Suous
Finish	0924		0	l	NONE

Comments: FULL Chorus of NSPE'S— MOST concentrated (0 back of Beauel Pond Neal Balsam Firs a few (<10) are calling from wet meadows around pond



Call Index Value:

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N. Spring Peeper - NSPF
Bullfrog - BUFR
Mt. Chorus Frog - MCF

Date: 4/19/00 Survey Period: 1 2 3 4 Route: ______ Surveyor: ______

Survey Point Number:

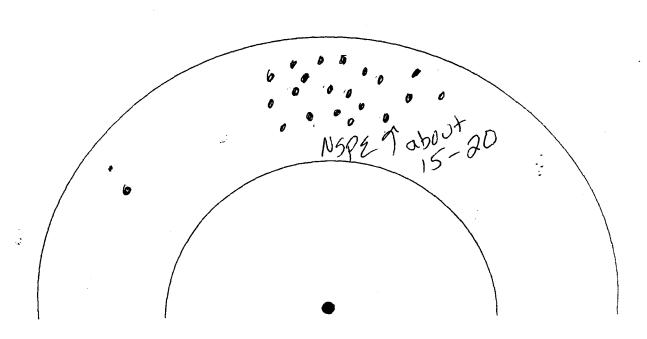
Survey Data

	Time		Sky Code	Wind Scale	Precipitation
Start	0910		- (0	NONE
Finish	0914		1	0	NONE

Comments: Continuous Calling- Several trill (territorial)

Calls heard. Almost a chorus - most seem

to be Calling on ridge on other side of pools



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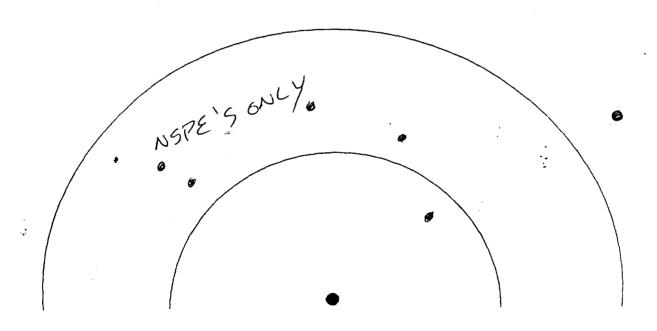
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Wood Frog - WOFR
Pickerel Frog - PIFR
N. Spring Peeper - NSPF
Bulltrog - BUFR
Mt. Charus Frog - MCF

Date: $4\sqrt{19/\alpha}$ Survey Period: 1 2 3 4	Route:	Surveyor:	STURM
Survey Point Number:			

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0901			0	NONE
Finish	0906		1	0	NONE

Comments:
6 CALLING MARIS - Infrequent/sporodic
Calling From Bog Rools



Call Index Value:

- 1 Calls can be counted, no overlapping (actual count of calling individuals).
- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

- 1 Light air movement, smoke drifts.
- 2 Wind felt on face, leaves rustle.
- 3 Gentle breeze, leaves and small twigs in motion.
- *4 -Small branches move, raises dust and loose paper.
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- = Unacceptable wind strengths for survey.

Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPF
Bullfrog - BUFR
Mt Charus Frog - MCFR

Anuran Call Count Survey Survey Period Data Sheet

1.1 1 2	7	-	
Date: 4/20/00 Survey Period: 1/2/3 4	Route:	Surveyor: _	STURM

Survey Data .								
At the party of the second	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation			
Start	0815	63°		3	NONE			
Finish	0840		(3-4	NONE			

			1	Point Date	.					
	1	2	3	4	5	6	7	8	9	10
Start Time		0825	0836							
End Time	0819	0829	0840							
Temperature (°F)	63							·		
Sky Code	i	į	(·						
Precipitation	NONE	NONE	NON							
Species Heard:										
NSPE AMTO	3	3	3							
AMTO			1-3							
							:			
					-			¥		

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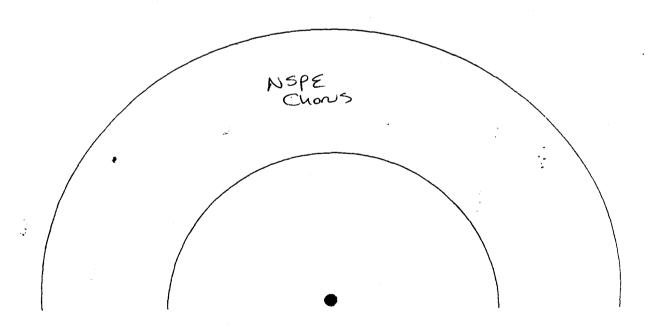
Am.Toad - AMTO Fowler's Toad - FOTO Gray Treefrog - GRAT Green Frog - GRFR Wood Frog - WOFR Pickerel Frog - PIFR N.Spring Peeper - NSPI Bullfrog - BUFR Mt.Chorus Frog - MCF

Date: 4/20/00 Survey Period:	2 3 4 Route:	Surveyor:	STURM
Survey Point Number:	-BEALL BOG		

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0815	630	(3	NONE
Finish	0819	63		3	NONE

Comments: Hermit thrush Calling 1st this year. Cherry tree in 6100m - 1st in Consent Tire Seen



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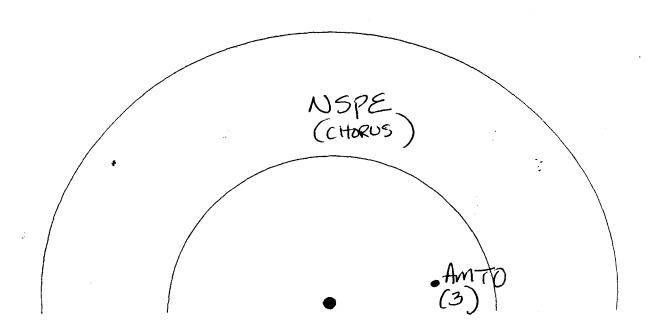
Am.Toad - AMTO
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Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPE
Bullfrog - BUFR
Mt Chorus Frog - MCF

Date: 4	20/00 Survey Period:	1 2 3 4	Route:	Surveyor:	STURM
- 1		_			

Survey Point Number: 3 - BEALL POND

Survey Data						
	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation	
Start	0836		(3-4	NONE	
Finish	0840		1	3-4	NONE	

Comments: 15t AMTO'S heard this year



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Wood Frog - WOFR
Pickerel Frog - PIFR
N. Spring Peeper - NSPE
Bullfrog - BUFR
Mt. Chorus Frog - MCFR

Anuran Call Count Survey Survey Period Data Sheet

11 1	· · · J I CI lou Dum Di	4001
Date: Survey Period: 1(2)3 4	Route:	Surveyor: STURM

_		Surve	y Data		
At the Mark to the second	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0830pm		2	0	None
Finish	0920pm		2	0	None

	Point Data									
	1	2	3	4	5	6	7	8	9	10
Start Time				903	0909	915	0852	0642	0830	
End Time				0907	0913	0919	0856	0846	0834	
Temperature (°F)										
Sky Code				3	2	2	2	2	a	
Precipitation				NONE	NONE	SNOW	NONE	None	NONE	
Species Heard:										:
NOPE				3	3	3	3	1	1	
			12/1/2		·					
							:			
								,		
·······························										

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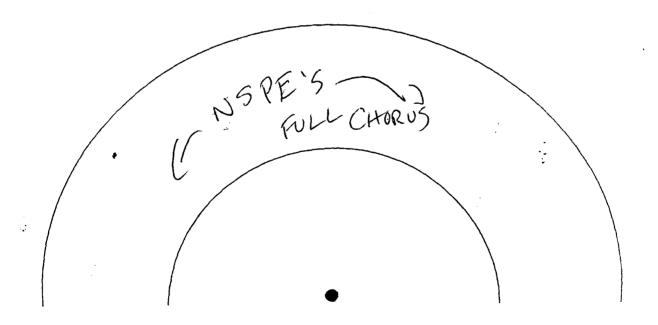
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Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSP
Bullfrog - BUFR
Mt.Chorus Frog - MCB

Date: $\frac{4}{25/\omega}$ Survey Period: 1 2 3 4 Rout	:	Surveyor:	STURVE
Survey Point Number: 7 FREELANT	BEAVER PUND		

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0852		2	0	3404
Finish	0856		2	Ø	10012

Comments:	NSPR'S CAILING MOINY FROM POIND & Spruce/FIR TREES, Some coiling from Posture across ROAD



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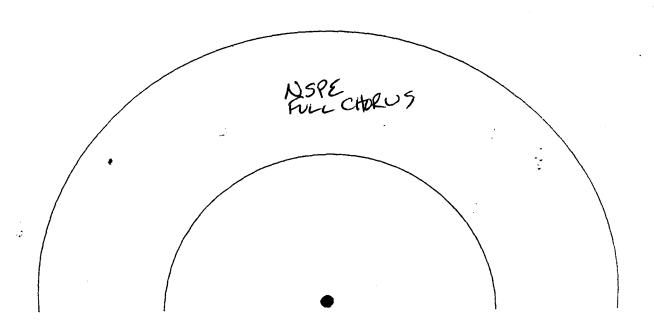
Am. Toad - AMTO Fowler's Toad - FOTO Gray Treefrog - GRAT Green Frog - GRFR Wood Frog - WOFR Pickerel Frog - PIFR N.Spring Peeper - NSP Bullfrog - BUFR Mr Chorus Frog - MCF

Date: 4/25/00 Survey	Period: 1 2 3 4 Route:	Surveyor: STUR UN	
Survey Point Number	5 - Timberline	Beower POND	

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0909		Z	0	NONE
Finish	04 A 0913		2	0	NONE

Comments:		
	,	



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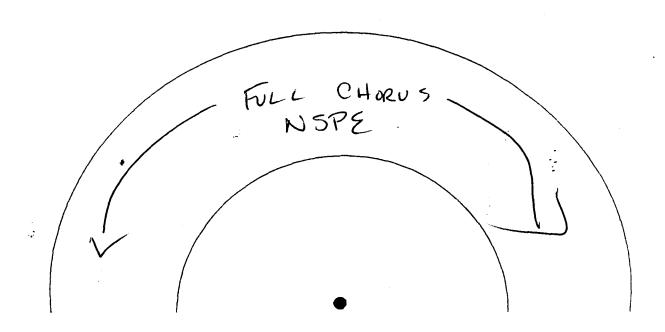
Am.Toad - AMTO
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Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPI
Bullfrog - BUFR
Mt Chorus Frog - MCF

Date: April Survey Period: 1 2 3 4 Route:	Surveyor:	STURM
Survey Point Number: 4 - Crypsy SHACK		

	Survey Data					
	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation	
Start	0903		2	0	NONE	
Finish	0907		2	0		

Carrage Date

Comments:		·



Call Index Value:

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Wood Frog - WOFR
Pickerel Frog - PIFR
N. Spring Peeper - NSPE
Bullfrog - BUFR

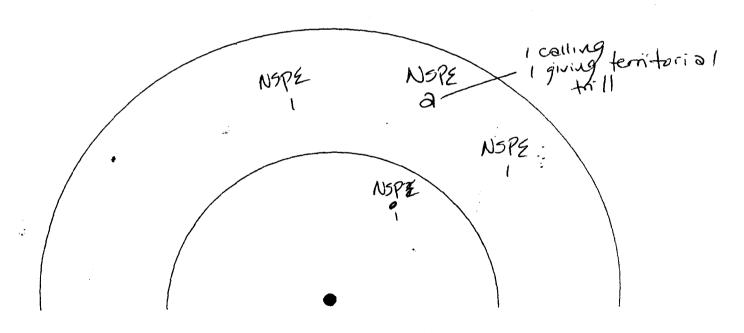
Date: 4/25/100 Survey Period: 1 2 3 4 Route: ______ Surveyor: ______

Survey Point Number: 8 FR 80 Quarry

Survey Data						
	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation	
Start	0842		2	0	NONE	
Finish	0846		2	U		

Comments: A few territorial Calls heard

5 Calling NSPE'S



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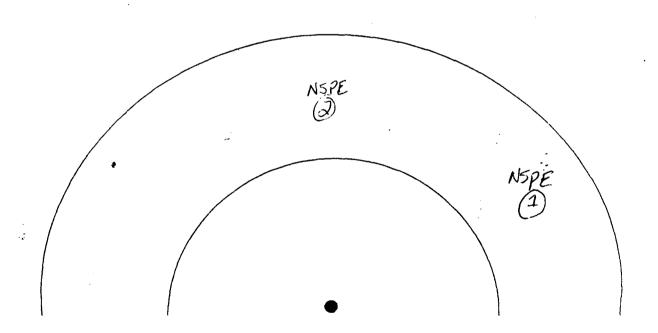
Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPP
Bullfrog - BUFR
Mt Chorus Frog - MCF

11./			.		_
Date: $4/25/\omega_{\text{Survey Period}}$	od: 1 2 3 4	Route:		Surveyor:	STURIN
Survey Point Number:	9-FR	80 BOG	i.		

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	०९३०		λ	0	Nonz
Finish	0834		Э	0	Noné

Comments:



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Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPE
Bullfrog - BUFR

Anuran Call Count Survey Survey Period Data Sheet

Date: 500 Survey Period: 1 2 3 4	Route:	Surveyor: STURM	
Tex Time	Survey D	Pata ,	RAIN

		Survey	Data		/ M. Z.M. (
Al Same Special	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0830		0	D	NONE
Finish	0935		0	0	NONE

Point Data										
	1	2	3	4	5	6	7	8	9	10
Start Time	0830	0841		0906			0931			
End Time	0834	0845	956	0910	0919	925	035			
Temperature (°F)							-	-		
Sky Code	0	0	0	0	O	0	0			
Precipitation	NONE	NONE	NONE	NONE	NONE	NONE	NONE			
Species Heard:		,								-
NSPE	3	3	3	3	3	3	3			
AMTO				1(2)	2	1(2)				
PIFR				松粉	1(3+)					
WOFR					1(2)					
							:			
•										
				·						
	·									

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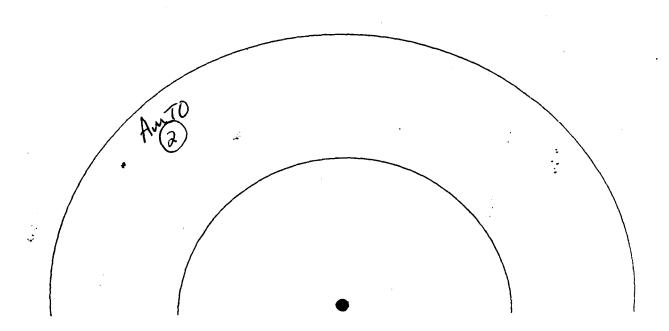
Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSP!
Bullfrog - BUFR
Mt.Chorus Frog - MCF

Date: 5 2 00 Survey Period: 1 2 3 4	Route: Timberline Rd.	Surveyor:
Survey Point Number:		

. Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0921		Ð	0	NONE
Finish	0925		0	0	NON E

Comments:	
•	



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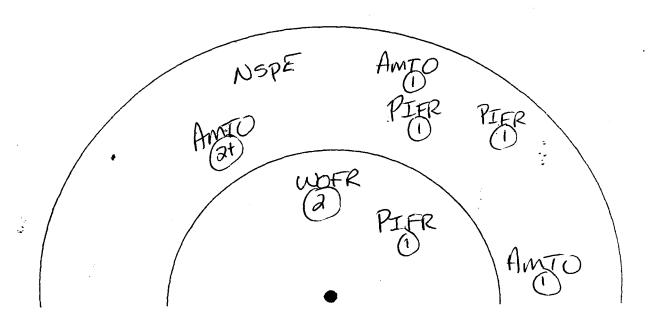
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N.Spring Peeper - NSP
Bullfrog - BUFR

Survey Period: 1 2 3 4 Route: Timberline Surveyor: 5702 VM 5 - Timberline Survey Point Number:

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start O	0915		0		0
Finish	0919		O	l	0

Comments: Swipe Calling (2)



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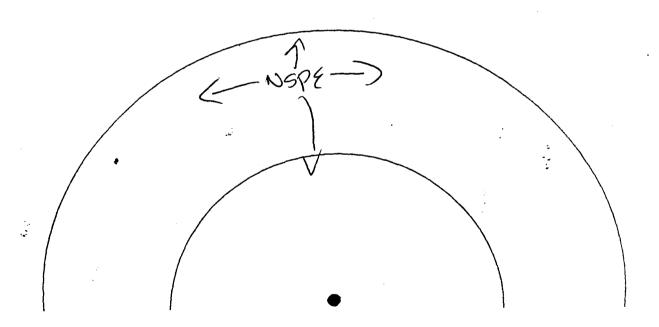
Am. Toad - AMTO Fowler's Toad - FOTO Gray Treefrog - GRAT Green Frog - GRFR Wood Frog - WOFR Pickerel Frog - PIFR N.Spring Peeper - NSP Builfrog - BUFR

Date: 5/2/00 Survey Period: 1 2 3	4 Route:	FREELAND	Surveyor: _	STURM
Survey Point Number:		•		

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0931		0	0	3404
Finish	0936		0	0	NONS

Comments:					
:					
•		•			



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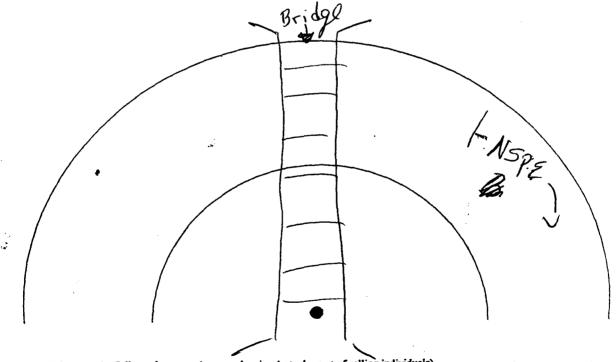
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Pickerel Frog - PIFR
N.Spring Peeper - NSP
Bullfrog - BUFR

	burvey a ormer tera triap	
Date: $5/2/\omega$ Survey Period: 1 2:	3 4 Route:	Surveyor: STURM
Survey Point Number: 2 B	All Bridge / Blackw	ratel

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0841		0	0	0
Finish	0845		0	0	0

Comments: ALL People's Calling from up Stream N 100 yds Am. woodcock peenting '& displaying



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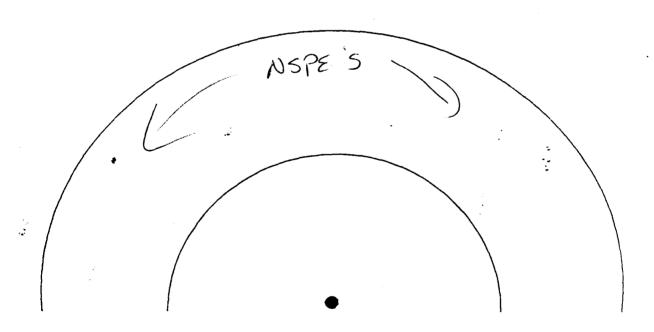
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N.Spring Peeper - NSP
Bullfrog - BUFR

1/2/10	Survey Point Fleid Map			
Date: $\frac{3/2}{\omega}$	Survey Period: 1 2 3 4 Route:	Surveyor:	STURM	
Survey Point Nurr	aber Beall Bog			

Survey	Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0830		0	0	0
Finish	0834		0	0	0

comments: Chows distant - @ west END (42 Slope)
of wet meadow / BARN
woodcock displaying



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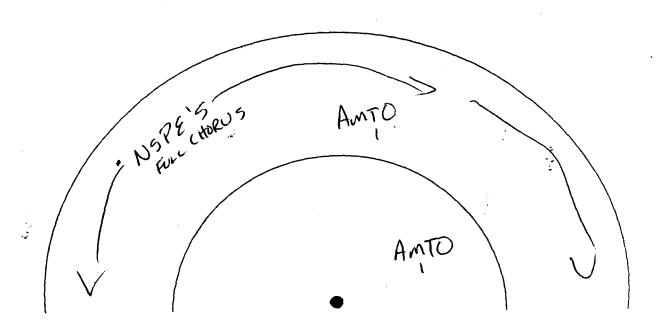
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Pickerel Frog - PIFR
N. Spring Peeper - NSP
Bullfrog - BUFR

Survey Period: 1 2 3 4 Route: Timbedine Survey Point Number:

	Surve	y Dati
Time	Terms (%)	

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0906		0	l l	0
Finish	0910		0	(0

Peanting! Am wood cock



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- 4 -Small branches move, raises dust and loose paper.
- *5 Small trees in leaf begin to sway, crested wavelets.
- *6 Large branches in motion.
- * = Unacceptable wind strengths for survey.

Am.Toad - AMTO Fowler's Toad - FOTO Gray Treefrog - GRAT Green Frog - GRFR Wood Frog - WOFR Pickerel Frog - PIFR N.Spring Peeper - NSP Bullfrog - BUFR

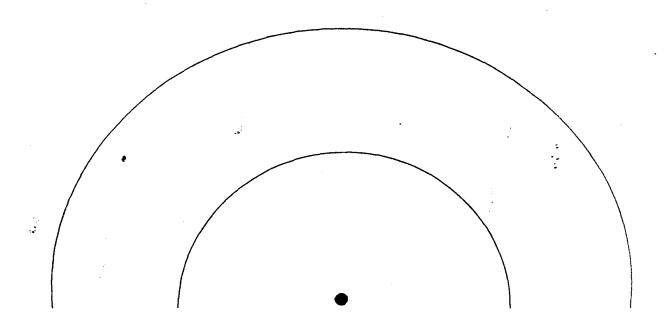
Date: 5/2/00 Survey Period: 1 2 3 4 Route: Surveyor: STURIM

Survey Point Number: 3 BROLL FARM BND

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	852		O	0	0
Finish	856		0	0	0

Comments:	FULL CHORUS - NSPE'S	



Call Index Value:

- 1 Calls can be counted, no overlapping (actual count of calling individuals).
- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

- 1 Light air movement, smoke drifts.
- 2 Wind felt on face, leaves rustle.
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- * = Unacceptable wind strengths for survey.

Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSP
Bullfrog - BUFR

Anuran Call Count Survey Survey Period Data Sheet

, 1	•	
Date: 5/23 00 Survey Period: 1 2 3 4	Route:	Surveyor: STORM
the Assat in		

Survey Data								
# \$2 m 1 m 2	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation			
Start	0815		マ	3	NONE			
Finish	0920		2	4-5	RAIN -			

Point Data										
	1	2	3	4	5	6	7	8	9	10
Start Time					0906	0859	0846	0830	815	X
End Time				0918	911	0904	0851	0835	820	X
Temperature (°F)								·		X
Sky Code				2	2	2	Z	2	2	X
Precipitation				Light	NONE	NONE	NONE	NONE	NONE	À
Species Heard:										
NSPE AMTO				3	3	3	3	3	1(8)	
AMTO				2(8-10)	1(3)	1(4)		2(4)		
GRFR					1(3)					
								,		
	•									

Call Index Value:

- 1 Calls can be counted, no overlapping (actual count of calling individuals).
- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

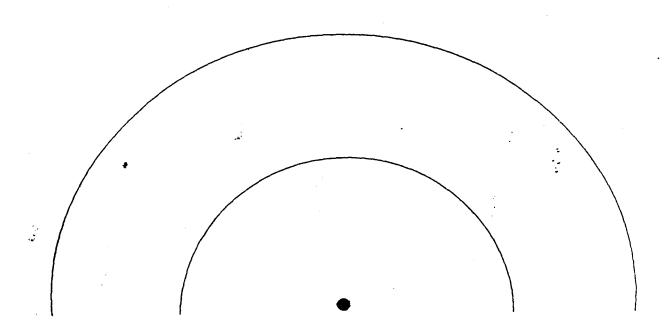
- 1 Light air movement, smoke drifts.
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Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSP
Bullfrog - BUFR
Mt.Chorus Frog - MCF

Date: $5/23/\omega$	Survey Period: 1	2 3 4	Route:	•	Surveyor:	STUR M
Survey Point Num	21					

Survey Data									
	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation				
Start	0913		2	3-4	Light drizzle				
Finish	0918		2	3-4) (

Comments:



Call Index Value:

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- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

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- 2 Wind felt on face, leaves rustle.
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- * = Unacceptable wind strengths for survey.

Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPE
Bullfrog - BUFR

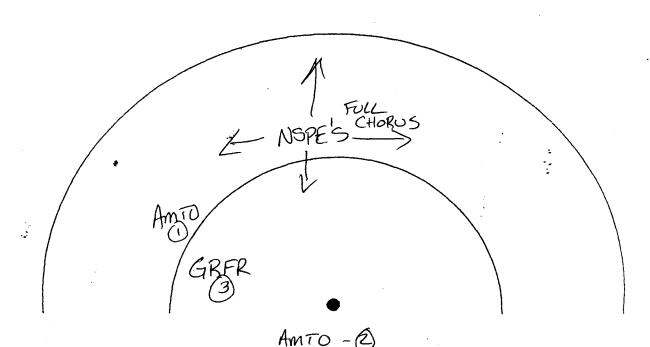
Date: 5/13/00 Survey Period: 1 2 3 4 Route: ______ Surveyor: ______ Surveyor: ______

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0906		2	3-4	NONE
Finish	0911	·	2	3-4	HONS

Light drop 5

Comments: Am. wookcock peenting



Call Index Value:

- 1 Calls can be counted, no overlapping (actual count of calling individuals).
- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

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- 2 Wind felt on face, leaves rustle.
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Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSP
Bullfrog - BUFR

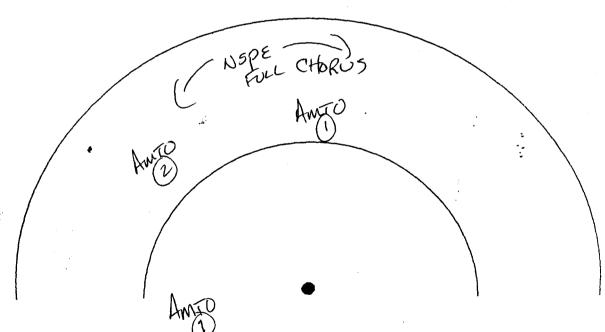
-1	1.0	, DI	urvey Pomi Field Map	,	
Date: 5/23	OO Survey Period:	1 2 3 4	Route:	Surveyor:	STURM

Survey Point Number: ____6___

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0859		2	3	3404
Finish	0904		2	3	NONE

Comments: Woodcock peenting, Snipe winnoing WC-III SNIPE-I



Call Index Value:

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3 - Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

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- * = Unacceptable wind strengths for survey.

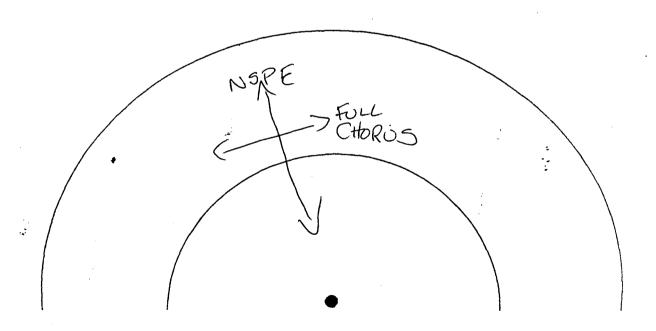
Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSP
Bullfrog - BUFR

6/13/00		STURM
Date: $\frac{5/23}{\infty}$ Survey Period:	1 2 3 4 Route:	Surveyor:
Survey Point Number: 7	(Freeland Beauer Powo)	

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0846		2	3	3400
Finish	085/		2	3	NONE

Comments: Common yellowflood, Song SpARROW, CANADA Greese



Call Index Value:

- 1 Calls can be counted, no overlapping (actual count of calling individuals).
- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

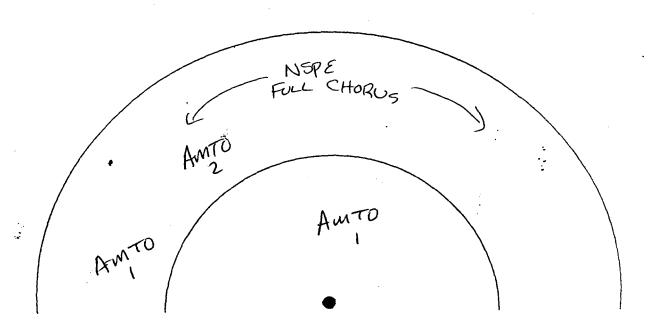
- 1 Light air movement, smoke drifts.
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- *4 -Small branches move, raises dust and loose paper.
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Am. Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N. Spring Peeper - NSP®
Bullfrog - BUFR

Date: 5/23/00 Survey:	Period: 1 2 3 4	Route:	Su	rveyor:STURM
Survey Point Number	8 (Quara	4 Pools		

Survey Data							
	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation		
Start	0830*		2	4	NONE		
Finish	0835		2	4	NONE		

Calling



Call Index Value:

- 1 Calls can be counted, no overlapping (actual count of calling individuals).
- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle

Wind Scale: 0 - Smoke rises vertically.

- 1 Light air movement, smoke drifts.
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- *6 Large branches in motion.
- * = Unacceptable wind strengths for survey.

Am. Toad - AMTO Fowler's Toad - FOTO Gray Treefrog - GRAT Green Frog - GRFR Wood Frog - WOFR Pickerel Frog - PIFR N.Spring Peeper - NSP Bullfrog - BUFR

5 - Showers

Date: 5/23/00

Date: 5/23/00

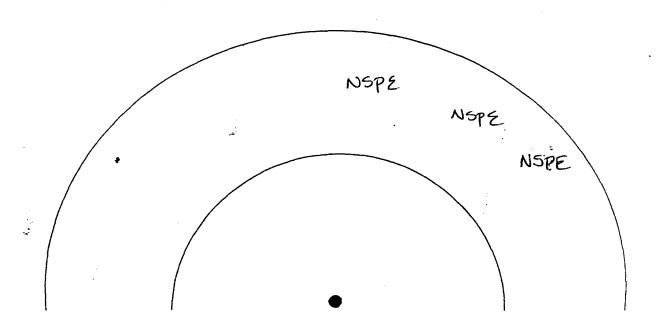
Survey Period: 1 2 3 4 Route: Surveyor: 5TORM

Survey Point Number: 9 (Bog Pools)

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start			2	3	worning worning
Finish			2		WO & NOW

Comments: AM TOAD Eggs (2 masses) present in I pool Several Hermit thrushes calling Continuously ovenbiled, Junco, bik-thr. green warbler.



Call Index Value:

- I Calls can be counted, no overlapping (actual count of calling individuals).
- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

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Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSP4
Bullfrog - BUFR

Anuran Call Count Survey Survey Period Data Sheet

l /	· - J x 0110 d 25 d d	u 01100
Date: 5/31/60 Survey Period: 1 2/3 4	Route:	Surveyor:STURIM

· ·	Survey Data						
As the project of the second	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation		
Start	0850	67°	0	0	NONE		
Finish	1034	60"	0	0	3404		

				Point Dat	<u>a</u>					
	1	2	3	4	5	6	7	8	9	10
Start Time	0850	0900	अ।4	946	0940	0933	1000	1018	1030	
End Time	0854	0904	0918	0950	0944	0937	1004	1022	1034	
Temperature (°F)	67°	67°	660	(H°	650	65°	610	61°	60°	
Sky Code	0	0	0	0	0	0	0	0	0	
Precipitation	NONE	NONE	NON	NUX	None	NONE	NONE	NONE	NONE	
Species Heard:		,								
NSPE	2(10)	2(15-20	2(5)	3	3	3	3	3	1(5)	
Amto			1(1)	1	1(2)	2(2)	1	1	1(2)	
GRFR					2(10)	2(120)				
							:			
								ž		
·										
									·	

Call Index Value:

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- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

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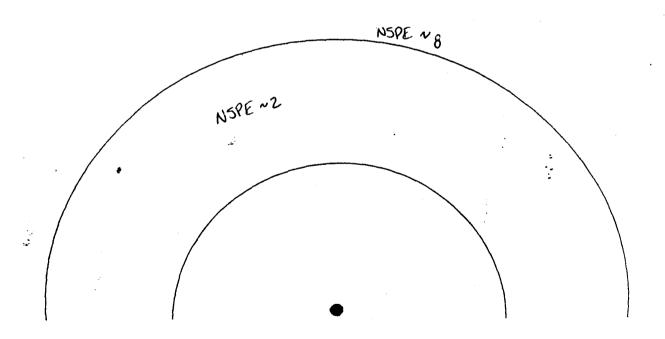
Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSP:
Bullfrog - BUFR
Mt.Chorus Frog - MCF

Date: 5/31/00 Survey Period	od: 1 2 3 4 Route:	Surveyor:
Survey Point Number:	BEAU BOGT	

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0850	67°	0	0	NONE
Finish	0854	67°	O	C	NONE

Comments:		
		•
	·	



Call Index Value:

- 1 Calls can be counted, no overlapping (actual count of calling individuals).
- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

- 1 Light air movement, smoke drifts.
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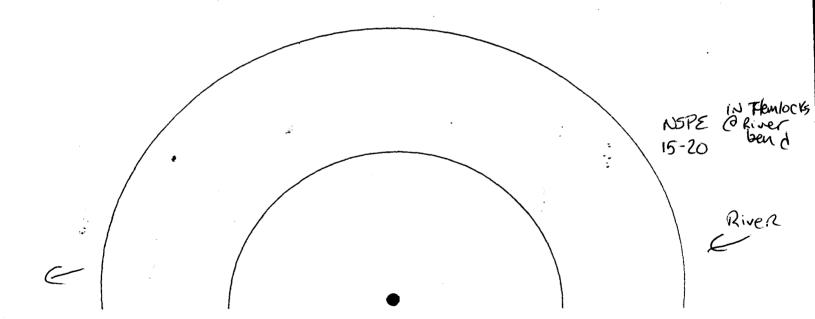
Am.Toad - AMTO
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Gray Treefrog - GRAT.
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSP!
Bullfrog - BUFR

Date: 5/31/00	Survey Period:	1 2 3 4 Route:	 Surveyor:	STURIN
Survey Point Num	·	Blackwater		

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0900	670	0	0	NONE
Finish	904	670	0	0	NONE

Comments:		
,		



Call Index Value:

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- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

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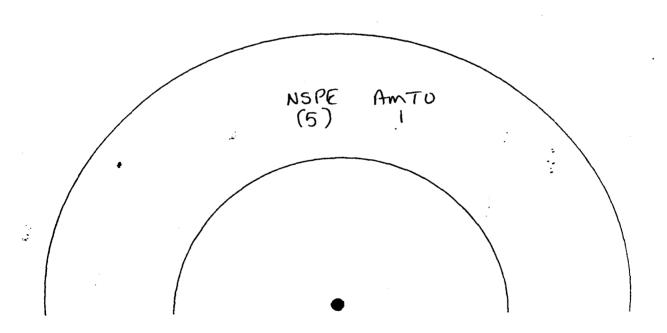
Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPE
Bullfrog - BUFR

5/31/00	•	•	•		50	
Date: Survi	ey Period: 1 2 3	4 Route:	·	Surveyor:	STURM	
Survey Point Number	\$ 3	Beall Farm	POND			

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0919	660	0	0	NONE
Finish	0918	66°	O	O	NONE

Comments:		



Call Index Value:

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- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

- Wind Scale: 0 Smoke rises vertically.
 - 1 Light air movement, smoke drifts.
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- *6 Large branches in motion.
- Unacceptable wind strengths for survey.

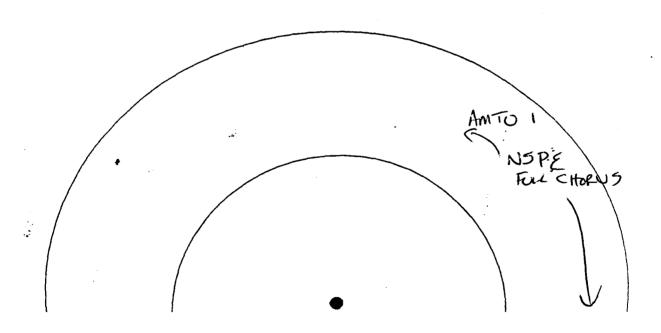
Am. Toad - AMTO Fowler's Toad - FOTO Gray Treefrog - GRAT. Green Frog - GRFR Wood Frog - WOFR Pickerel Frog - PIFR N.Spring Peeper - NSP Bullfrog - BUFR

Glasto	Survey Point Field Map	S- DIM
Date: Survey Period:	1 2 3 4 Route: Surveyor:	STURM
Survey Point Number:	4 Gypsy Shacic	

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0946	64°	0	0	NONE
Finish	0950	640	O	0	NONE

Comments:
Green FRO(15 Heard ON OTHER Side OF Bridge



Call Index Value:

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Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

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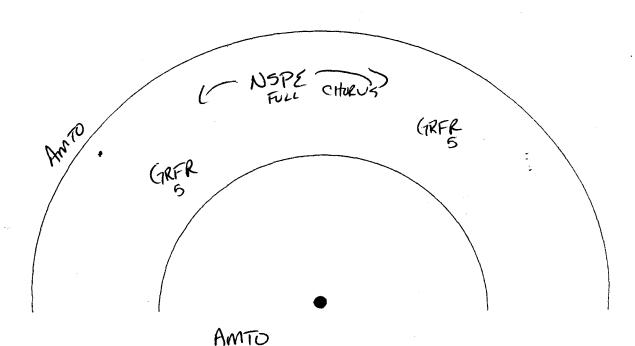
Am. Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N. Spring Peeper - NSP
Bullfrog - BUFR

Date: 5/31/00 Survey P	Period: 1 2 3 4 Route:	Surveyor: STUR IM
Survey Point Number:	5 Timberline BEAVER POWD	

Survey Data

Durvey Data					
	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0940	65°	0	O	NONE
Finish	0944	65°	0	O	NONE

Comments:		



Call Index Value: 1 - Calls of

- 1 Calls can be counted, no overlapping (actual count of calling individuals).
- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

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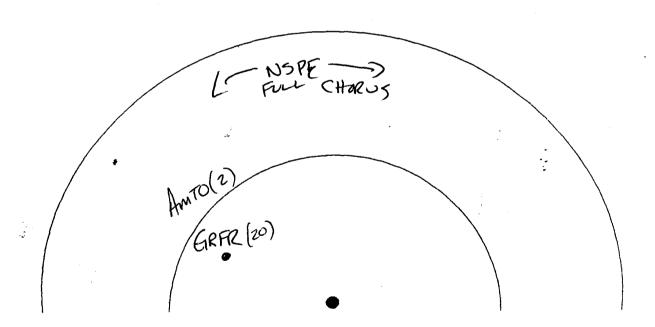
Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPI
Bullfrog - BUFR
Mt.Chorus Frog - MCF

5/31/00		•	
Date: Survey Period: 1	2 3 4 Route:		Surveyor: STURIM
Survey Point Number: 6	Idleman's	RUN	

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0933	65°	0	0	NOHE
Finish	0937	65°	0	0	NONE

Comments:		
•	•	



Call Index Value:

- 1 Calls can be counted, no overlapping (actual count of calling individuals).
- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

- 1 Light air movement, smoke drifts.
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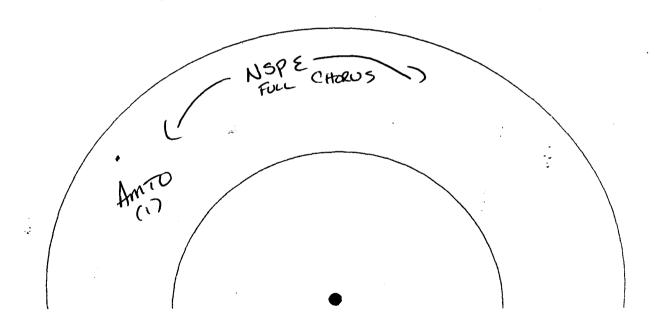
Am.Toad - AMTO
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Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPE
Bullfrog - BUFR

5/31/W	-,	
5/3//60 Date: Survey Period: 1 2 3 4 Ro	ute:	Surveyor: 570R M
Survey Point Number: 7 Free (2)	d POND	

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1000	620	0	0	Nane
Finish	1004	610	0	0	NONE

DEER splashing around in beauer POND Comments:



Call Index Value:

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- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzie 5 - Showers

- Wind Scale: 0 Smoke rises vertically.
 - 1 Light air movement, smoke drifts.
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- *4 -Small branches move, raises dust and loose paper.
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- *6 Large branches in motion.
- * = Unacceptable wind strengths for survey.

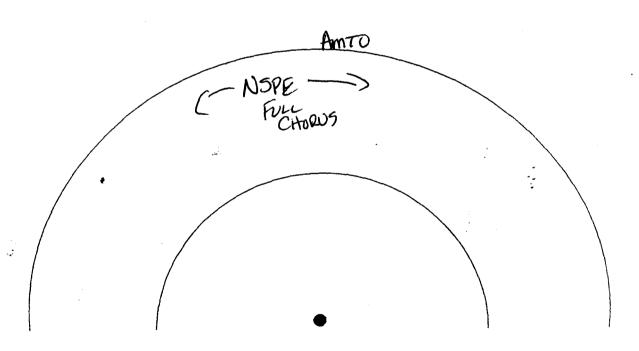
Am. Toad - AMTO Fowler's Toad - FOTO Gray Treefrog - GRAT Green Frog - GRFR Wood Frog - WOFR Pickerel Frog - PIFR N.Spring Peeper - NSPF Bullfrog - BUFR Mr Chorus Frog - MCF

Date:	Survey Period: 1 2 3 4 Route:	Surveyor: _	STURIM
Survey Point Nu	mber: 8 arry Pools		

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1018		0	0	NONE
Finish	1022		0	0	NONE

Comments: Possible FROGI ONLY heard I glug!



Call Index Value:

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- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

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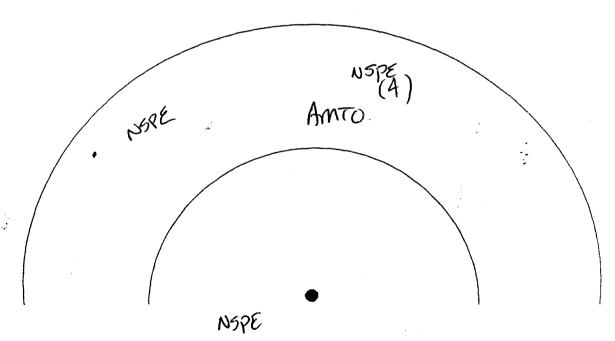
Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPE
Bullfrog - BUFR

5/31/00			
Date: Survey Period: 1 2 3 4 Route:	Surveyor:	STURM	
Survey Point Number: 9 FR 80 BOG Pool-5			

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1030	60°	0	0	NONE
Finish	1034	60°	0	O	NONE

Amto- call was higher than normal Comments:



Call Index Value:

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Anuran Call Count Survey Survey Period Data Sheet

/ /)	J z vilou Dum o	4000
6/13/00		Surveyor: STURM
Date: Survey Period: 1 2 3 4	Route:	Surveyor: Olore Vol
1 /60 %		

		Surve	y Data		
A 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0903	76°	2	0	NONE
Finish	1035	73°	2	0-1	3404

				Point Dat	<u> </u>					
·	1	2	3	4	5	6	7	8	9	10
Start Time	1031	1021	[010	0952	0946	989	0926	0914	0903	
End Time	1035	1025	1014	0956	প্রত	0943	930	0918	0907	
Temperature (°F)	73°	740	72°	73°	74°	73°	73°	75°	76°	
Sky Code	2	2	2	2	2	2	a	2	2	
Precipitation	NON E	NONE	NONE	NONE	NONE	34001	NONE	NONE	NONE	
Species Heard:						1				
NSPE	8	1(2)	1(5-10)	2(5)	3	3	2(10-15)	2(15)	NoT	
	λο		1(2)		3	3	(3)	1(2)	A	
AMTO	200					10	1(2)		Sans	
GRAT				l			1			
							:			
									·	

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Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSP
Bullfrog - BUFR
Mt.Chorus Frog - MCF

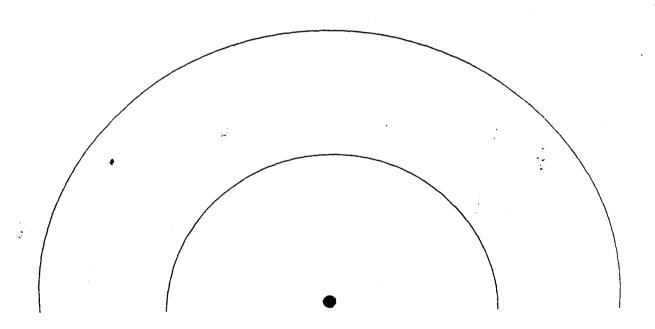
Date: 6 13 0	Survey Period:	1 2 3 4	Route:	Surveyor:	STURM

Survey Point Number:

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1031	73°	2	0	3404
Finish	1035	73°	2	0	SHOW

Comments:	ALL Quiet		



Call Index Value:

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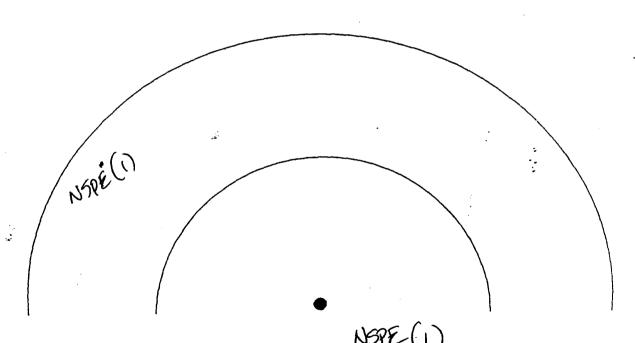
Am. Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N. Spring Peeper - NSPE
Bullfrog - BUFR

		. 50	ii vey	r other read true		
Date: 6/13/00 Surv	ey Period: 1	2 3 4	Route:		Surveyor:	STURM
Survey Point Number:	/1			•		

Carpana Da

Survey Data									
	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation				
Start	1021	740	2.	0	NONE				
Finish	1025	740	2	D	BUONE				

Comments:	Pickerel	FROG	FOUND	an Road	before bridge	
·						



Call Index Value:

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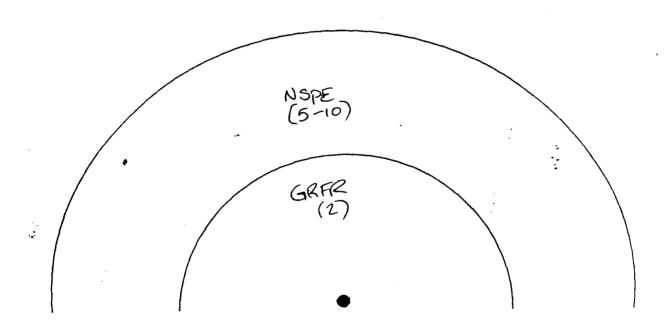
Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSP
Bullfrog - BUFR

	urvey romi rieid Map		
Date: Survey Period: 1 2 3 4	Route:	Surveyor: 5TURM	
Survey Point Number:			

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1010	720	Q		NONE
Finish	1014	72	2	(NONE

Comments:	



Call Index Value:

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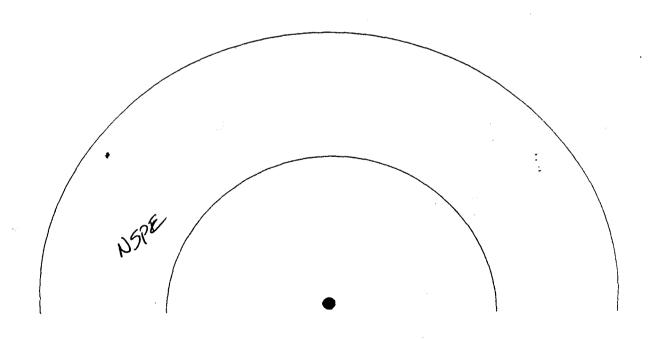
Am. Toad - AMTO
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Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N. Spring Peeper - NSP
Bullfrog - BUFR

Date: 6/13/00	Survey Period:	1 2 3 4	Route:	Surveyor:	STURM
Survey Point Nur	nher 4				

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0952	730	2	0	NONE
Finish	0956	730	2	(NONE

Comments: JAME fruit ('brerk!') heard here as on freeland porid



Call Index Value:

- I Calls can be counted, no overlapping (actual count of calling individuals).
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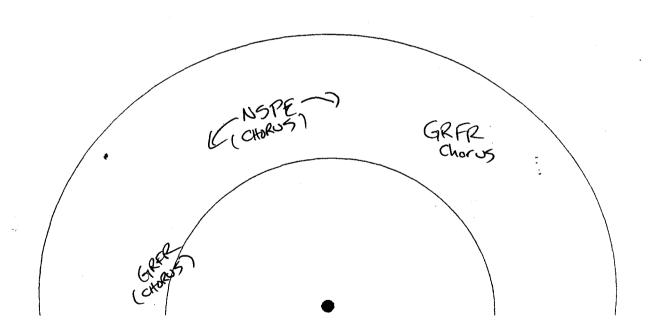
Am. Toad - AMTO Fowler's Toad - FOTO Gray Treefrog - GRAT Green Frog - GRFR Wood Frog - WOFR Pickerel Frog - PIFR N.Spring Peeper - NSPI Bullfrog - BUFR Mt.Chorus Frog - MCF

Date: 6/3/Survey	Period: 1	2 3 4	Route:	Surveyor:	STURM
Survey Point Number	5				

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0946	740	2	1	NONE
Finish	0950	740	2	1	3404

Comments:				
·				
		·		



Call Index Value:

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Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

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Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPE
Bullfrog - BUFR

Date: 6 13 00 Survey Period: 1 2 3 4	Route:	Surveyor: STURM
Survey Point Number: 6		

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0939	730	2		NONE
Finish	0943	73°	2	l	NONE

Comments:		



Call Index Value:

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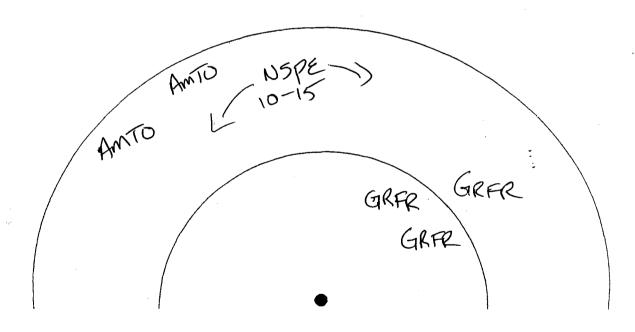
Date: 613 00 Survey Period: 1 2 3 4 Route: ______ Surveyor: _____

Survey Point Number:

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0926	740	2		NONE
Finish	0930	730	2		BUCK

Comments: Calling in Field accross Rd-Slow trill brill brill brill accross Rd-Slow trill brill brill accross Rd-Slow trill brill brill brill accross Rd-Slow trill brill bri



Call Index Value:

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- * = Unacceptable wind strengths for survey.

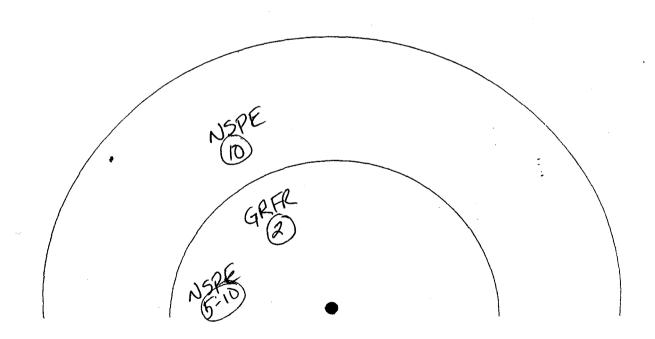
Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPE
Bullfrog - BUFR

Date: Survey Period:		STURM
Date: Survey Period:	1 2 3 4 Route:	Surveyor: STURM
Survey Point Number:	· · · · · · · · · · · · · · · · · · ·	

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0914	75°	Z		NONE
Finish	0918	750	2	1	NONE

Comments:



Call Index Value:

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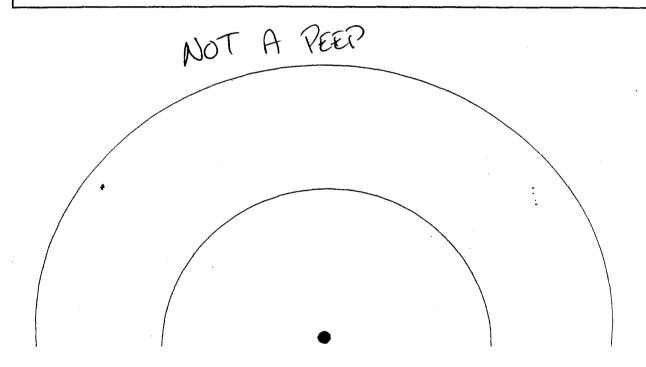
Am.Toad - AMTO
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Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPI
Bullfrog - BUFR
Mt.Chorus Frog - MCF

Date: 6/13/00 Survey Period:	1 2 3 4 Route:	Surveyor:	TURM
Survey Point Number:			

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0903	76°	2	0	DONE
Finish	0907	76°	2	0	NONE

Comments: Pools have direct up Considerably Lots of tadpoles Still present



Call Index Value:

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Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N. Spring Peeper - NSPE
Bullfrog - BUFR

Anuran Call Count Survey Survey Period Data Sheet

i i		
Date: 62600 Survey Period: 1 2 3 4	Route:	Surveyor: STURM

		Surve	y Data	,,	
A SECTION OF	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0930 pm	66°	0		NONE
Finish	1106	58	O	(SHOW

Point Data										
·	1	2	3	4	5	6	7	8	9	10
Start Time	1102	1051	1043	1020	1014	1008	0953	0940	930	
End Time	1106	1056	1047	1024	1018	1012	0957	0944	934	
Temperature (°F)	58	60	61	61	63	63	67.9	68	66	
Sky Code	0	0	0	0	0	0	0	0	\circ	
Precipitation	NONE	NONE	34061	NONE	NONE	Nous	NEWE	NONE	NONC	
Species Heard:										
GRFR					3	3	1	(3)	1(3)	
NSPE				2(4)	2(2)	2(10)	1(4)	1(3)		
							:			

Call Index Value:

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Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

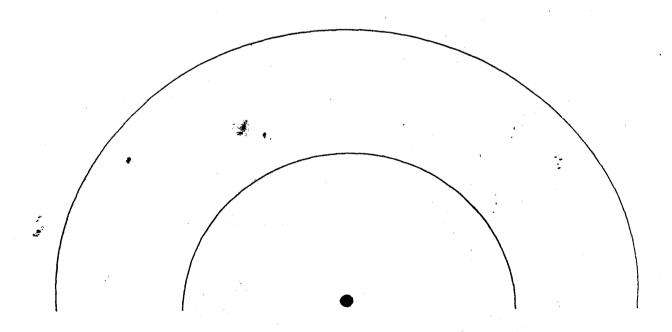
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Am.Toad - AMTO
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Gray Treefrog - GRAT
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Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPI
Bullfrog - BUFR
Mt.Chorus Frog - MCF

Date: 6/26/00 Survey Period: 1	2 3 4 Rout	e:Surveyor:STURM
Survey Point Number:		

Survey Point Numb	er:	- Surve	y Data		· .
	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1102	68	O		NONE
Finish	1106	57.6			NONE

Comments:		
	NOT A	PEEP
`		
		· · · · · · · · · · · · · · · · · · ·



Call Index Value:

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Wind Scale: 0 - Smoke rises vertically.

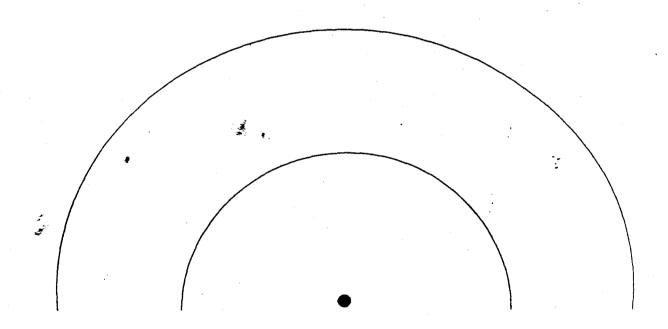
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1	,		The state of the s	•	_	
Date: Survey Period: 1	234	Route:			Surveyor: _	Subia
Survey Point Number:			•			
Survey Point Number:						

Survey Data							
	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation		
Start							
Finish							

Comments:	
•	
,'	



Call Index Value:

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- 5 Showers

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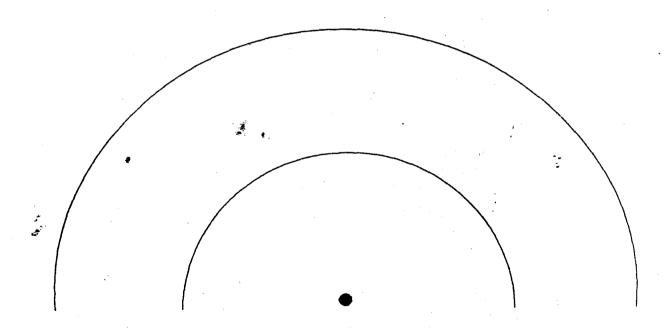
Am. Toad - AMTO Fowler's Toad - FOTO Gray Treefrog - GRAT Green Frog - GRFR Wood Frog - WOFR Pickerel Frog - PIFR N.Spring Peeper - NSPE Bullfrog - BUFR Mt.Chorus Frog - MCF

Date: 6/26/00	Survey Period: 1 2 3	Route:	Surveyor:	STURM
	·-			

Survey Point Number:

Survey Data								
	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation			
Start	1051	60	0		NONE			
Finish	1056	60		Ag d ga	NONE			

	- Program of the Control of the Co
Comments:	
	NOT A PEEP
,:	



Call Index Value:

- 1 Calls can be counted, no overlapping (actual count of calling individuals).
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5 - Showers Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle

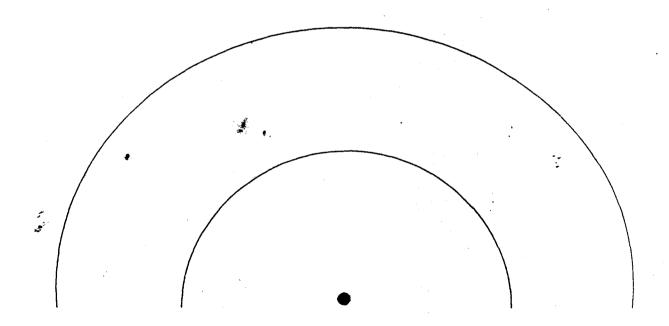
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Date: 6/26/00 Survey 1	Period: 1 2 3 4	Route:	Surveyor:	STURM
- Barrey 1	C. C.			

Our ve, Data							
	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation		
Start	1043	61	0		NONE		
Finish	1047	61		(3404		

Comments:	
	NOT A PEEP
•	



Call Index Value:

- 1 Calls can be counted, no overlapping (actual count of calling individuals).
- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog. 4 - Drizzle

5 - Showers

Wind Scale: 0 - Smoke rises vertically.

Survey Point Number: __

- 1 Light air movement, smoke drifts.
- 2 Wind feit on face, leaves rustle.
- 3 Gentle breeze, leaves and small twigs in motion.
- *4 -Small branches move, raises dust and loose paper.
- *5 Small trees in leaf begin to sway, crested wavelets.
- *6 Large branches in motion.
- * = Unacceptable wind strengths for survey.

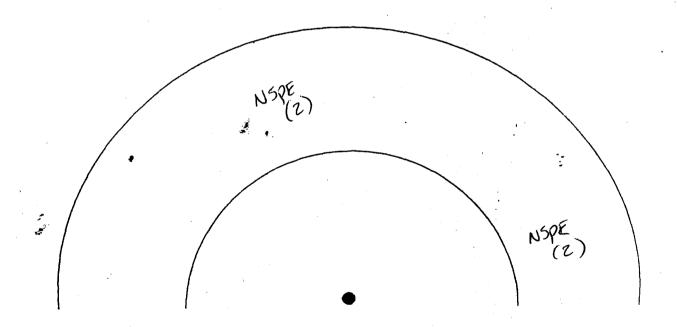
Am.Toad - AMTO Fowler's Toad - FOTO Gray Treefrog - GRAT Green Frog - GRFR Wood Frog - WOFR Pickerel Frog - PIFR N.Spring Peeper - NSPE Bullfrog - BUFR Mt.Chorus Frog - MCF

Date: 6/26/00 Survey Period: 1 2 3 4	Route:	Surveyor:
Survey Point Number:		

S	urv	ey	Da	ta

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1020	61	0		NONE
Finish	1024	61			NONE.

Comments:		
•		
,1		



Call Index Value:

- 1 Calls can be counted, no overlapping (actual count of calling individuals).
- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

- 1 Light air movement, smoke drifts.
- 2 Wind felt on face, leaves rustle.
- 3 Gentle breeze, leaves and small twigs in motion.
- *4 -Small branches move, raises dust and loose paper.
- *5 Small trees in leaf begin to sway, crested wavelets.
- *6 Large branches in motion.
- * = Unacceptable wind strengths for survey.

Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPE
Bullfrog - BUFR
Mt.Chorus Frog - MCF

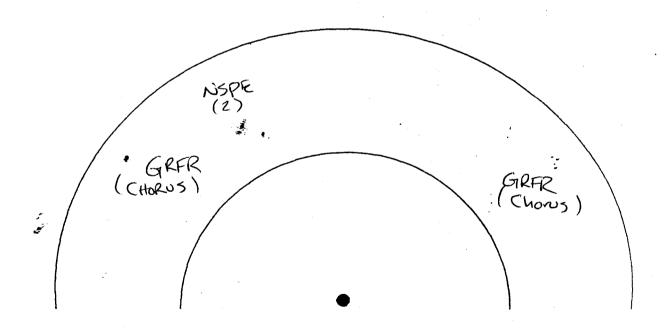
Date: $6/26/00$	Survey Period:	1 2	3 4	Route:		 -	Surveyor: 5TURM	
					•			

S------ D-

Survey Point Number:

	Survey Data							
	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation			
Start	1014	63	0	\mathcal{A}	NONE			
Finish	1018	63	0	ð	NONE			

Comments:				
•				



Call Index Value:

1 - Calls can be counted, no overlapping (actual count of calling individuals).

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle

- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

.

- Wind Scale: 0 Smoke rises vertically.
 1 Light air movement, smoke drifts.
 - 2 Wind felt on face, leaves rustle.
 - 3 Gentle breeze, leaves and small twigs in motion.
- *4 -Small branches move, raises dust and loose paper.
- *5 Small trees in leaf begin to sway, crested wavelets.
- *6 Large branches in motion.
- = Unacceptable wind strengths for survey.

Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPE
Bullfrog - BUFR
Mt.Chorus Frog - MCFR

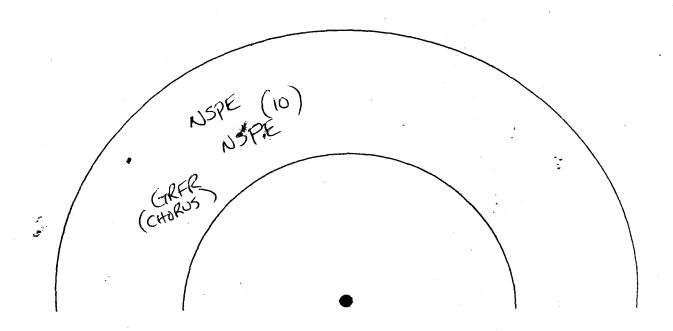
5 - Showers

	S	urvey Poi:	ņt Field I	Map	
Date: 6/26/00 Survey 1	Period: 1 2 3 4	Route:		Surveyor: _	STURM
Survey Point Number:	6				

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1008	63	. 0	Ž.	NONE
Finish	1012	63	0	2	NONE

Comments:		
•		



Call Index Value:

- 1 Calls can be counted, no overlapping (actual count of calling individuals).
- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

- 1 Light air movement, smoke drifts.
- 2 Wind feit on face, leaves rustle.
- 3 Gentle breeze, leaves and small twigs in motion.
- *4 -Small branches move, raises dust and loose paper.
- *5 Small trees in leaf begin to sway, crested wavelets.
- *6 Large branches in motion.
- * = Unacceptable wind strengths for survey.

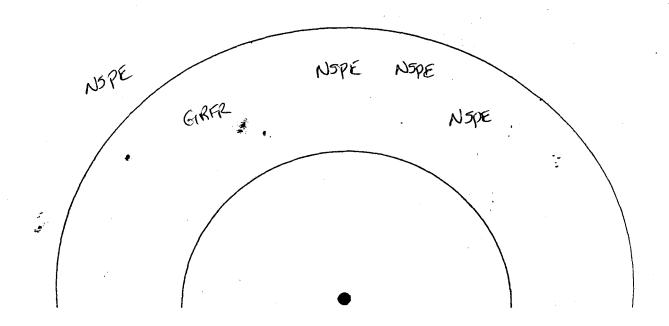
Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPE
Bullfrog - BUFR
Mt Chorus Frog - MCF

Date: Survey Period:	1 2 3 4 Route:	Surveyor:	STURM
Survey Point Number: 7	FREELAND		

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0953	67.9	0	2	NONE
Finish	0957	65	0	2	NONE

Comments: American TOAD on Trail to POND



Call Index Value:

- 1 Calls can be counted, no overlapping (actual count of calling individuals).
- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle

5 - Showers

Wind Scale: 0 - Smoke rises vertically.

- 1 Light air movement, smoke drifts.
- 2 Wind felt on face, leaves rustle.
- 3 Gentle breeze, leaves and small twigs in motion.
- *4 -Small branches move, raises dust and loose paper.
- *5 Small trees in leaf begin to sway, crested wavelets.
- *6 Large branches in motion.
- * = Unacceptable wind strengths for survey.

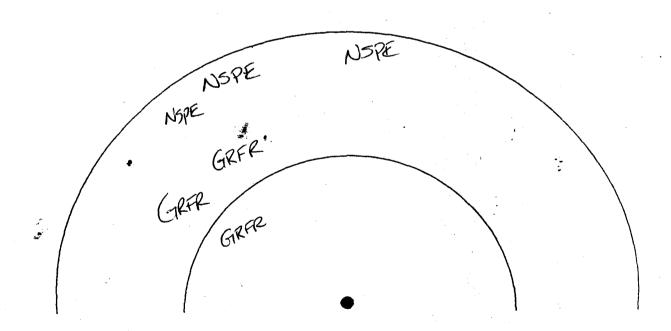
Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPE
Bullfrog - BUFR
Mt.Chorus Frog - MCFF

Date: 6/26/cw Survey Period: 1 2 3 4	 Surveyor:	STURM
Survey Point Number:		

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	940	69-1	O	2	NONE.
Finish	944	68.4	0	2	NONE

Comments:			
•			



Call Index Value:

- 1 Calls can be counted, no overlapping (actual count of calling individuals).
- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

- 1 Light air movement, smoke drifts.
- 2 Wind felt on face, leaves rustle.
- 3 Gentle breeze, leaves and small twigs in motion.
- *4 -Small branches move, raises dust and loose paper.
- *5 Small trees in leaf begin to sway, crested wavelets.
- *6 Large branches in motion.
- * = Unacceptable wind strengths for survey.

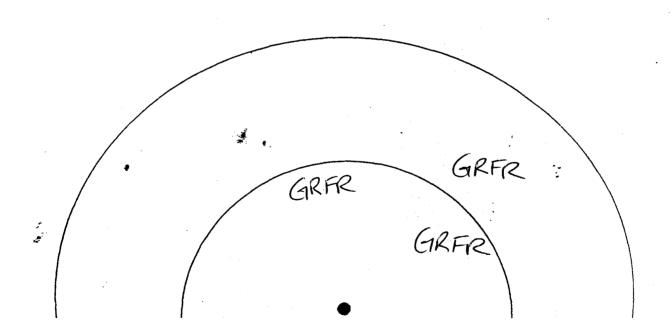
Am.Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N.Spring Peeper - NSPE
Builfrog - BUFR
Mt.Chorus Frog - MCF

Date: 6/26/av Survey Period: 1 2 3 4	Route: Surveyor:	STURM
Survey Point Number:		

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	930	66	0	Silvan William (1995) Silvan (1995) Silvan (1995)	NONE
Finish	934	66	0		NONE

Comments:		
•		
, `		



Call Index Value:

- 1 Calls can be counted, no overlapping (actual count of calling individuals).
- 2 Calls can be distinguished, some overlapping (estimate the number of calling males).
- 3 Full chorus, calls continuous and overlapping.

Sky Code: 0 - Clear or a few clouds. 1 - Partly cloudy or variable. 2 - Cloudy (broken) or overcast. 3 - Fog 4 - Drizzle 5 - Showers

Wind Scale: 0 - Smoke rises vertically.

- 1 Light air movement, smoke drifts.
- 2 Wind felt on face, leaves rustle.
- 3 Gentle breeze, leaves and small twigs in motion.
- *4 -Small branches move, raises dust and loose paper.
- *5 Small trees in leaf begin to sway, crested wavelets.
- *6 Large branches in motion.
- = Unacceptable wind strengths for survey.

Am. Toad - AMTO
Fowler's Toad - FOTO
Gray Treefrog - GRAT
Green Frog - GRFR
Wood Frog - WOFR
Pickerel Frog - PIFR
N. Spring Peeper - NSPE
Bullfrog - BUFR
Mt. Chorus Frog - MCF

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Glade Pun Observer: WARZEN+ KILPATRICK Refuge Route: AFRIME ___ Survey Date: 9 May 2002 Run Number: ____

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	2112	60,5	4	2
Finish	2/25	61,0	3	2

Point Data

	GR-1		Point Date	, , , , , , , , , , , , , , , , , , , 						
	GR 1		GR	2	GR 3	3	4	4		5
Start Time	2116	2	212		2//	8				
Air Temperature (°F)	60.	5	61.	0	63,	7				
Sky Code	2		2	,	5					
Was noise a factor? (✓ = yes)										
Did you take a timeout? (✓= yes)										
Species Heard:	3 min. 5 min.		3 min. 5 min.		3 min. 5 min.		3 min.	5 min.	3 min.	5 min.
NSPE	3	3	3	3	3	2				
AMTO		2								
PIFR)	}		-	0	ĺ				
						·				
Comments: Although wind	scale	was 4,	, it die	Not	interfee	e with	SURVEY	_ا ڪ ,		

Call Index Value:

7 = Snow

1 = Calls can be counted, no overlapping. 2 = Calls can be distinguished, some overlapping.

3 = Full chorus, calls continuous and overlapping.

Sky Code: 0 = Clear / few clouds. 5 = Drizzle / light rain

1 = Partly cloudy / variable.

2 = Cloudy (broken) or overcast.

*8 = Showers (do not conduct survey)

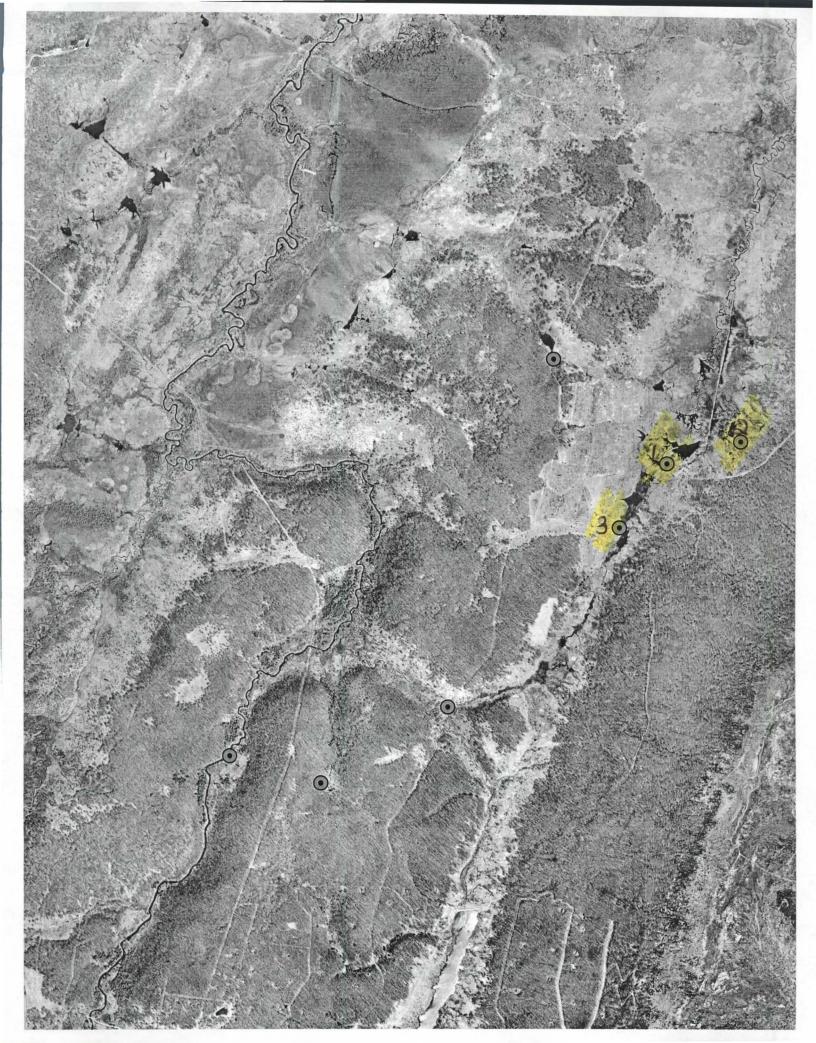
4 = Fog / Smoke

Wind Scale: 0 = Smoke rises vertically. 1 = Light air movement, smoke drifts. *4 =Small branches move, raises dust and loose paper.

2 = Wind felt on face, leaves rustle.

*5 = Small trees in leaf begin to sway, crested wavelets. *6 = Large branches in motion.

3 = Gentle breeze, leaves and small twigs in motion. * Unacceptable wind strengths for survey.



								,	28/02		
		T			Survey D			T			
			Time		Temp (°F) W	ind Scale	Sky (Code		
	Start		0930 p		18°C		13	 			
	Finish		0950	by 1	10		_3_	/			
		-		11	Point Da	II .		T			· · · · · · · · · · · · · · · · · · ·
		1	l		2		3		4		5
Start Time				0949	2			093		<u> </u>	
Air Temperature (°F)				18°C				1700			·
Sky Code				1				1			
Was noise a factor?	(√ = yes)			N0				NO			-
Did you take a timeou	t? (√ = yes)			NO				NO			
Species Heard:		3 min.	5 min.	3 min		3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPR				3	3			3	3		
AMTO								1	1		
GRFR								2	2		
	-	·									
			<u> </u>				1	1			
				 							
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			<u> </u>								<u></u>
		·		<u> </u>			<u></u>	<u></u>	<u> </u>		
Comments:											
all Index Value: 1 = 0	Calls can be co	unted, no ov	erlapping.	2 = Calls	can be disting	ished, some	overlapping.	3 = Full	chorus, cails	continuous and	d overlappii
y Code: 0 = Clear / fe 5 = Drizzle / l		1 = Partly 7 = Snow	y cloudy / va	riable.		(broken) or o		4 = Fog /	/ Smoke		

Revised Feb. 2001

FWS Anuran Call Count Survey GLADE RUN

Refuge Route: CANAAN UACUEY Survey Date: 5, 28.02 Run Number: GLADE Survey Data Time Temp (°F) Wind Scale Sky Code 9:30 Start Finish mosqu to light nong bug beauer/muskrat (En Boint Data 5 Start Time Air Temperature (°F) Sky Code Was noise a factor? (= yes) NO NO NO Did you take a timeout? (✓= yes) N0 Species Heard: 3 min. 5 min. 3 3 3 Comments:

Call Index Value:

1 = Calls can be counted, no overlapping. 2 = Calls can be distinguished, some overlapping.

3 = Full chorus, calls continuous and overlapping.

ky Code: 0 = Clear / few clouds.

1 = Partly cloudy / variable. 7 = Snow

2 = Cloudy (broken) or overcast. *8 = Showers (do not conduct survey) 4 = Fog / Smoke

5 = Drizzle / light rain Vind Scale: 0 = Smoke rises vertically.

1 = Light air movement, smoke drifts.

*4 =Small branches move, raises dust and loose paper. *5 = Small trees in leaf begin to sway, crested wavelets.

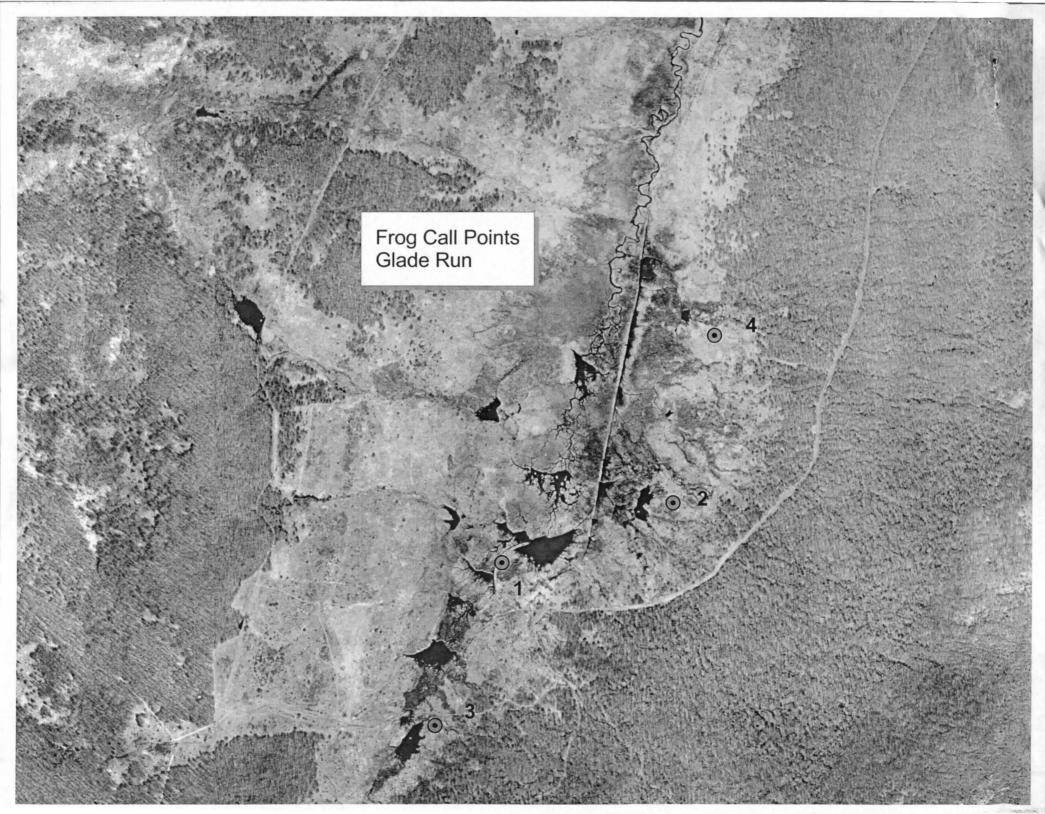
2 = Wind felt on face, leaves rustle.

*6 = Large branches in motion. 3 = Gentle breeze, leaves and small twigs in motion. * Unacceptable wind strengths for survey.

evised Feb. 2001

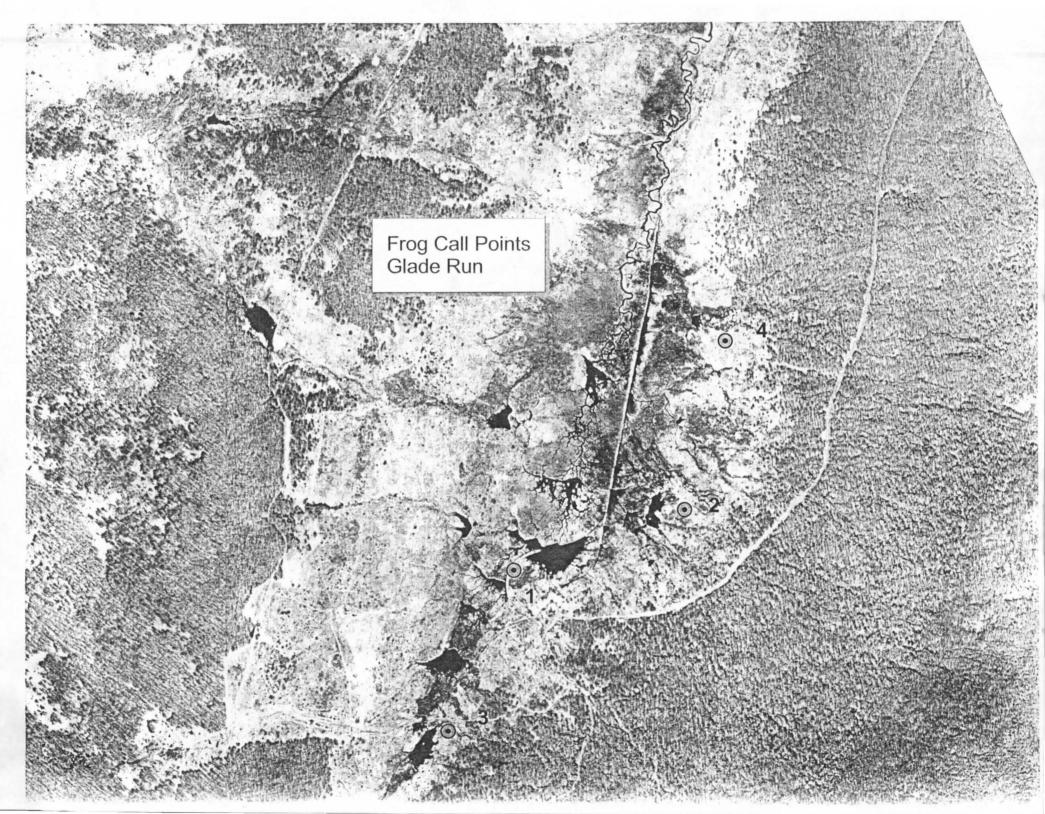


	<u> </u>	— т			urvey Da			Т			
			7 jme		Temp (°F)) <u>w</u>	ind Scale	Sky (
	Start			_	9° e			2			
	Finish		951	16	<u> </u>		0	S			
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		1			2	·	3		4		5
Start Time		900	1	93		920		946			
Air Temperature (°F)	, -	200	2	19	oc	1990	? 	181	or		
Sky Code		2		ó	ξ	2		Q			
Was noise a factor?	(✓ = yes)										
Did you take a timeout	(/ = yes)	<u></u>	·								
Species Heard:		3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPE		2	3	3	3	(2	3	3		,
GRAR		(1	1	2		1	2	/		
PIFR		_		1			, .	-	_		
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			 							1	
		<u></u>	<u> </u>	<u> </u>		II	<u>L</u>	<u>L</u>	L	<u>.11</u>	
Comments:											
Comments:											
	NII aas t			2 - C-11-	b	ished some	waslonning	2 - E.J	nhoma sali-	aantinus	d overland:
Comments: all Index Value: 1 = Canada			verlapping.		un be distingu	ished, some o		3 = Full (4 = Fog /		continuous an	d overlappir



Start			•	Temp (°F)) W	ind Scale	Sky C	Code		
		8:58	9 18	3°C		0	Ö			
Finish		9:5		16°C		0		5		
]	Point Da	ta					
		1	II .	2	H	3		4		5
tart Time	9:1	5	8	58	9:20	3	094	18		
ir Temperature (°F)	18	°C	18°C		17°C		16°C			
Sky Code	0) 0		0)			
Was noise a factor? (✓ = yes)										
Did you take a timeout? (✓= yes)		-		•						
Species Heard:	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPE	3	3	3	3	3	2	3	3		
GRFR	2	3	a	3	1	/	2	3		
PIFR	0		0	0						
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		3								
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Revised Feb. 2001



					Survey D	ata						
			Time		Temp (°F)	Wir	nd Scale	Sky C	ode		
	Start		2134	i	150	_						
	Finish		220	5	1300	_]	کے	8	Q			
•					Point Da	ta						
		1			2		3			€ 6		5
rt Time		. D9	∞	a	135	2143						
Temperature (°F)			°C		5°C	15°C						
y Code		Z		1			1					
is noise a factor?	(✓ = yes)	·										
d you take a timeout?	(✓= yes)											
ecies Heard:		3 min.	5 min.	3 min.	5 min.	3 mii	n.	5 min.	3 min.	5 min.	3 min.	5 min
NSPE		3	3	3	3	3		3		•		ļ
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GRFR		3	3		3			1				
PIFR				0	0					<u> </u>		
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mments:												
					can be disting						continuous an	d overlap
Code: $0 = \text{Clear / few}$ 5 = Drizzle / light		1 = Parti 7 = Snov	y cloudy / va v	riable.	2 = Cloudy *8 = Shower				4 = Fog /	Smoke		

		FWS.	Anura	n Call (Count	Survey				
Observer: Skilpatrick	Re	fuge Route:	CA	mp Ac	2	Survey	Date: 10	June200	A. Run Numbe	r. <u>2</u>
			S	urvey Da	ata					
		Time		Temp (°F)	W	/ind Scale	Sky C	ode		
Start		22	00	/8°C		8	-0			
Finish		_33	431	16°C		8	1 e	5		
			•	Point Da	ta					
	1	l		2		3		4		5
Start Time	22	38	aa	128		100				
Air Temperature (°F)	- 16	°C	1	6°C	j	8 °C				
Sky Code	-6)		®	É)				
Was noise a factor? (✓ = yes)										
Did you take a timeout? (✓= yes)		1		 		·		I		<u></u>
Species Heard:	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPE	3	3	3	13	3	3				
6RFR	3	3	3	3	3	3	<u> </u>			
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0.25 \ 0.25				1				<u> </u>		<u></u>
Comments: CO SN @	d/ %									
Call index Value: 1 = Calls can be c									s continuous an	d overlapping
Sky Code: 0 = Clear / few clouds. 5 = Drizzle / light rain	1 = Partl 7 = Snov	y cloudy / va w	riable.	2 = Cloudy *8 = Showers			4 = Fog /	Smoke		
Wind Scale: 0 = Smoke rises vertically 1 = Light air movement, so 2 = Wind felt on face, leaves 3 = Gentle breeze, leaves	moke drifts. ves rustle.	igs in motion.	*5 = Small *6 = Large	trees in leaf le branches in r	egin to swa notion.	st and loose pa y, crested wav survey.	per. elets.			

				S	urvey D	ata	· · · · · · · · · · · · · · · · · · ·				
			Time		Temp (°F)	w	ind Scale	Sky C	ode		
	Start		9:00	2	60.C		0				
	Finish		9:2	0	59.3	3	\bigcirc				
				1	Point Da	ta					
		@ Deevs	fand	1	2	R .	3	4		5	
Start Time		9	107	9	115						
Air Temperature (°F)			0.0	69,3							
ky Code			1		1						
Vas noise a factor?	(√ = yes)				- }						
Did you take a timeout?	' (✓ = yes)										
Species Heard:		3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
Peeser		3	3	3	3						
AMTO		2	2								
Pickeral				1	0						
				•							
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ę Ža											
Comments: Heard Woodcoo	ck, Coi	mrn on \	Hellowth	voats							
					n be distingu	ished, some	overlapping.	3 = Fuil (chorus, calls	continuous an	d overlappi
y Code: 0 = Clear / few 5 = Drizzle / lig	clouds.		y cloudy / va	riable.		(broken) or o	vercast.	4 = Fog /	Smoke		
ind Scale: 0 = Smoke ris 1 = Light air n 2 = Wind felt o 3 = Gentle bre	novement, sr on face, leav	noke drifts. es rustle.		*5 = Small *6 = Large	trees in leaf l branches in r	begin to sway notion.	and loose pay				



Observer: Washi	ngtus_	Re	fuge Route:	Big	Cov	e	Survey	Date: 6/	11/02	Run Number	r:
				s	urvey Da	ata					
			Time		Temp (°F)	w	ind Scale	Sky C	Code		
	Start		9:05		20°C		ð	1			
	Finish		4:45		190	<u> </u>	J				
]	Point Da	ta					
		1			2		3		4		5
Start Time		9:6	5	9:	40						
Air Temperature (35)	<i>د</i> ر	20	°C) (1 0						
Sky Code -)		<u></u>						
Was noise a factor?	(✓ = yes)										
Did you take a timeout	? (√ = yes)				¥						
Species Heard:		3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPE		9	5	6	2						
GRFR		Э	3	Ð	3						
								<u></u>			
				•							
Comments:											
Call Index Value: 1 = C Sky Code: 0 = Clear / few 5 = Drizzle / lig			y cloudy / va	riable.	2 = Cloudy (ished, some (broken) or o	vercast.	3 = Fuil 6 4 = Fog /		continuous and	d overlappin
Wind Scale: 0 = Smoke ris 1 = Light air r 2 = Wind felt 3 = Gentle bre	ses vertically, novement, sn on face, leave	noke drifts. es rustle.		*4 =Small t *5 = Small *6 = Large	oranches mov trees in leaf t branches in n	e, raises dust begin to sway notion.	and loose par , crested wave				

Refuge Route: 50th Refuge Route

Point Data

			1	7		3	H	9		10
Start Time	0812	820	0714		0740 0745		0752 0757		· ·	
Air Temperature (°F)	900	1	8°C		8°C		6°C			
Sky Code	2		4-7	2	3		2			
Was noise a factor? (✓ = yes)			·							
Did you take a timeout? (✓= yes)										
Species Heard:	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
	0	0	0	0	0	0	\bigcirc	0		
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	<u> </u>					1				
										<u> </u>
								-		
	1	L	<u> </u>		1			7-1/: 5		
Comments: EGG MASS DAY ON F	ies pres Pidau	ænt () 3/ /0	1 # 01 12	4511	les.W	OFK 0	VERE (calling	r QUVI	ng

Call Index Value:

7 = Snow

1 = Calls can be counted, no overlapping. 2 = Calls can be distinguished, some overlapping.

3 = Full chorus, calls continuous and overlapping.

Sky Code: 0 = Clear / few clouds. 5 = Drizzle / light rain

1 = Partly cloudy / variable.

2 = Cloudy (broken) or overcast. *8 = Showers (do not conduct survey) 4 = Fog / Smoke

Wind Scale: 0 =Smoke rises vertically.

*4 =Small branches move, raises dust and loose paper.

1 = Light air movement, smoke drifts. 2 = Wind felt on face, leaves rustle.

*5 = Small trees in leaf begin to sway, crested wavelets.

*6 = Large branches in motion.

3 = Gentle breeze, leaves and small twigs in motion. * Unacceptable wind strengths for survey.

				S	urvey Da	ata					
			Time		Temp (°F)		ind Scale	Sky (Code		
	Start		0714		8°C		\mathcal{Z}_{-}	H			
	Finish		0855	5	7°C		1	/	1.6		
]	Point Da	ta	***				
		1		2		3		4		5	
art Time		085	0		/	0832 0837		\ /		805	
r Temperature (°F)		70	C			80		\ '/		900)
y Code			/			/				2	
as noise a factor?	(✓ = yes)										
i you take a timeout? (✓= yes)				/	V				1		
ecies Heard:		3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min
NSPE		1	/			/	2			Q	2
WOFR		0	0			0	0			0	1
					<u> </u>		<u></u>				
				<u> </u>							<u> </u>
					<u> </u>						
				<u> </u>			ļ	 			
				<u> </u>			<u> </u>				
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·····				 	ļ						
			<u> </u>	<u> </u>					<u> </u>		
							<u></u>				
omments:											
Index Value: 1 = Ca	alls can be co	ounted, no ov	verlapping.	2 = Calls ca	an be distingu	ished, some	overlapping.	3 = Full o	chorus, calls o	continuous an	d overlap _l
Code: 0 = Clear / few	clouds.	1 = Parti	y cloudy / va	riable.	2 = Cloudy ((broken) or o	vercast.	4 = Fog /	Smoke		

Revised Feb. 2001

3 = Gentle breeze, leaves and small twigs in motion. * Unacceptable wind strengths for survey.

Refuge Route: Canaan Valley NWR

Point Data

				7		,)	I .	.0
Can a Time		:54					8:1			·U
Start Time			0	33		23	65.3			
Air Temperature (°F)	(0)	63.2		45.7		71.0		5,3		
Sky Code		<u> </u>				<u> </u>		1		
Was noise a factor? (✓ = yes)				10		Vo	ļ	Jo		
Did you take a timeout? (✓= yes)		,		Vo		No	^	0		
Species Heard:	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPE	3	3	3	3	3	3	3	3		
			<u> </u>							
					-1	 				
						 				
			 							
										
						<u> </u>				
	 		ļ			<u></u>		<u> </u>		
									[
· · · · · · · · · · · · · · · · · · ·										
Comments:		<u> </u>		•					-	
137.7 = heard sn	ipe;	mand	cocle							

1 = Calls can be counted, no overlapping. 2 = Calls can be distinguished, some overlapping.

3 = Full chorus, calls continuous and overlapping.

Sky Code: 0 = Clear / few clouds. 5 = Drizzle / light rain

Call Index Value:

1 = Partly cloudy / variable.

2 = Cloudy (broken) or overcast. *8 = Showers (do not conduct survey) 4 = Fog / Smoke

Wind Scale: 0 =Smoke rises vertically.

7 = Snow

*4 =Small branches move, raises dust and loose paper.

1 = Light air movement, smoke drifts. 2 = Wind felt on face, leaves rustle.

*5 = Small trees in leaf begin to sway, crested wavelets.

*6 = Large branches in motion.

3 = Gentle breeze, leaves and small twigs in motion. * Unacceptable wind strengths for survey.

. ,															
Observer: L. Warr	en	Rei	Refuge Route: CV NWR—South END Survey Date: 4-16-2002 Run Number:									:- <u>-</u>			
					Survey Data										
					Temp (°F)		Win	nd Scale	s	ky Co	de				
	Start	8:11				65.3	3		1		0				
	Finish		9:30			66.3	<u> </u>		1)			
					Po	oint Dat	ta								
		1	l		2			3		1	4				5
Start Time		9:	9:10 9			5/	9;	9	5					8	46
Air Temperature (°F)		-)	10	Yo	lo.	\mathcal{A}			a	1			T	64.	
Sky Code			0		0) /		C					I	6)
Was noise a factor? (✓ = yes)	N	Ð		N	ol		J	6					N	0_
Did you take a timeout?	(√ = yes)	$\mathcal{N}_{\mathcal{U}}$)		Wa			7	0						10
Species Heard:		3 min.	5 min.	3 min.	Ш.	5 min.	3 min.		5 min.	3 mi	<u>h</u>	4	min.	3 min.	5 min.
NSPE		2	2	2	Y		2		\mathcal{Z}		\prod	\perp		3	3
AMTO			1		Λ				(\prod			0	O
											V				
					\prod										
					\prod										
					ГΤ			T		W		T		1	

Comments:

5 = Woodcaki Snipe

Call Index Value:

1 = Calls can be counted, no overlapping. 2 = Calls can be distinguished, some overlapping.

3 = Full chorus, calls continuous and overlapping.

Sky Code: 0 = Clear / few clouds.

1 = Partly cloudy / variable. 7 = Snow

2 = Cloudy (broken) or overcast. *8 = Showers (do not conduct survey) 4 = Fog / Smoke

Wind Scale: 0 =Smoke rises vertically.

5 = Drizzle / light rain

1 = Light air movement, smoke drifts.

*4 =Small branches move, raises dust and loose paper.

*5 = Small trees in leaf begin to sway, crested wavelets. •6 = Large branches in motion.

2 = Wind felt on face, leaves rustle.

3 = Gentle breeze, leaves and small twigs in motion. * Unacceptable wind strengths for survey.

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No Gypsy Shack or Beall Bridge

Survey Date: 5-7-02

			Beaver	Point Da	ta FRE	30 Quarr	y fre	30 Boq		
	6	;		7				93	1	10
Start Time	9:2	35	9:	21	9:	09	8:5	57		
Air Temperature (°F)		(01.4)		58.9		59.3		. ا		
Sky Code								<u>ک</u>		
Was noise a factor? (✓ = yes)					##					
Did you take a timeout? (✓= yes)	_									
Species Heard:	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPE	3	3	3	3	3	3	3	3		
AMTO						l		2		
					,					
				-						
			•							
Comments: PA.7 - AMTO ast	ercou	nt								

Call Index Value:

1 = Calls can be counted, no overlapping. 2 = Calls can be distinguished, some overlapping.

3 = Full chorus, calls continuous and overlapping.

Sky Code: 0 = Clear / few clouds.

1 = Partly cloudy / variable.

2 = Cloudy (broken) or overcast.

4 = Fog / Smoke

5 = Drizzle / light rain

7 = Snow

*8 = Showers (do not conduct survey)

Wind Scale: 0 = Smoke rises vertically.

I = Light air movement, smoke drifts. 2 = Wind felt on face, leaves rustle.

*4 =Small branches move, raises dust and loose paper. *5 = Small trees in leaf begin to sway, crested wavelets.

*6 = Large branches in motion.

3 = Gentle breeze, leaves and small twigs in motion. * Unacceptable wind strengths for survey.

Observer: Warren Kilpatrick Refuge Route: South END

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	8:57	58.1	3	Q
Finish	10:12	59.0		N

	Ball	Bog	Bealt	oint Da	ta,					
	1		Pan	0	7	3	4	•		5
Start Time	9:58		10'	.12					9:42	
Air Temperature (°F)	- 58,	9	59	7.0					(e)	
Sky Code										
Was noise a factor? (✓ = yes)										
Did you take a timeout? (✓= yes)		_								
Species Heard:	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPE	3	3	3	3					3	3
AMTO	12	2	2	a						
	·									
Comments:										

Call Index Value:

7 = Snow

1 = Calls can be counted, no overlapping. 2 = Calls can be distinguished, some overlapping.

3 = Full chorus, calls continuous and overlapping.

Sky Code: 0 = Clear / few clouds.

1 = Partly cloudy / variable.

2 = Cloudy (broken) or overcast. *8 = Showers (do not conduct survey) 4 = Fog / Smoke

Wind Scale: 0 = Smoke rises vertically.

5 = Drizzle / light rain

*4 =Small branches move, raises dust and loose paper.

1 = Light air movement, smoke drifts.

*5 = Small trees in leaf begin to sway, crested wavelets.

2 = Wind felt on face, leaves rustle.

*6 = Large branches in motion.

3 = Gentle breeze, leaves and small twigs in motion. * Unacceptable wind strengths for survey.

				S	urvey Dat	a					
			Time		Temp (35)	Wi	nd Scale	Sky C	Code		
	Start		2115	7	24 °C		3	3			
	Finish		92		21°C		2	1			
					Point Data	1					
		1			2		3	\	4		5
tart Time		923	1	1		224	15.			1220	7
ir Temperature 🎒	°C	-210				220			/	20'	
ky Code		4				1./				1.	
as noise a factor?	(✓ = yes)	No				20				NE	>
id you take a timeo	ut? (√= yes)					Nò			1	No	
pecies Heard:		3 min.	5 min.	3 min	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
ISPE		3	3	\	\bigvee	3	3.			3	3
AMTD			1		Λ	1	1				
GRAT						·				1	1
				1							
				ĺ							
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ķ									d to a department		
3: 											
omments:		,									
Index Value: 1 =	Calls can be co	ounted, no ov	erlapping.	2 = Calls ca	an be distinguis	hed, some o	verlapping.	3 = Full	chorus, calls o	ontinuous an	d overlapp
Code: 0 = Clear / f 5 = Drizzle /	ew clouds.		/ cloudy / vai	riable.	2 = Cloudy (b) *8 = Showers (a)	oken) or ov	vercast.	4 = Fog /			
nd Scale: 0 = Smoke	rises vertically			*4 =Small	branches move,	raises dust	and loose par	oer.	•	•	

evised Feb. 2001

			I	Point Da	ta					
	6			7	8		9		10	
Start Time	220	0	213	Š	218) 9 [,]	211	7		
Air Temperature 🕖 °C	99	°C	23	ري.	93°		aL	١٥٢		
Sky Code	9				2		3			
Was noise a factor? (✓ = yes)	No	<u></u>		Jo	No		ν)		
Did you take a timeout? (✓= yes)	_ N c)	<u> </u>	Ju	No	r	N	٥		<u> </u>
Species Heard:	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPE	.3	3	3	3	. 3	3	3	3		
AMTO								1		
GRAT	1									
								ļ		
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<u> </u>		L				<u> </u>				
Comments:										
•										

Wind Scale: 0 =Smoke rises vertically.

5 = Drizzle / light rain

*4 =Small branches move, raises dust and loose paper.

*8 = Showers (do not conduct survey)

1 = Light air movement, smoke drifts.

*5 = Small trees in leaf begin to sway, crested wavelets.

7 = Snow

2 = Wind felt on face, leaves rustle.

*6 = Large branches in motion.

3 = Gentle breeze, leaves and small twigs in motion.

* Unacceptable wind strengths for survey.

	< 1. I	
Refuge Route:	Southerd	

Survey Date: 6/10/03

Point Data

				7	8			9	10	
Start Time	28	1:01	21:	50 3 °C	ે! ે ઉ	35	21:0	20		,
Air Temperature (2)		22:01		3°C	∂ G	°C	21:0	°C		
Sky Code						/				
Was noise a factor? (✓ = yes)		,								
Did you take a timeout? (✓= yes)										
Species Heard:	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPE GRFR	7	5	2	9	1	а	١	1		
GRFR		l	1	-				•	1	
		seem to	be							
		300	from							
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	<u> </u>	1		L	L	L	II	<u>L</u>	Щ.,	L.,

Call Index Value:

1 = Calls can be counted, no overlapping. 2 = Calls can be distinguished, some overlapping.

3 = Full chorus, calls continuous and overlapping.

Sky Code: 0 = Clear / few clouds. 5 = Drizzle / light rain

1 = Partly cloudy / variable. 7 = Snow

2 = Cloudy (broken) or overcast. *8 = Showers (do not conduct survey) 4 = Fog / Smoke

Wind Scale: 0 = Smoke rises vertically.

*4 =Small branches move, raises dust and loose paper. *5 = Small trees in leaf begin to sway, crested wavelets.

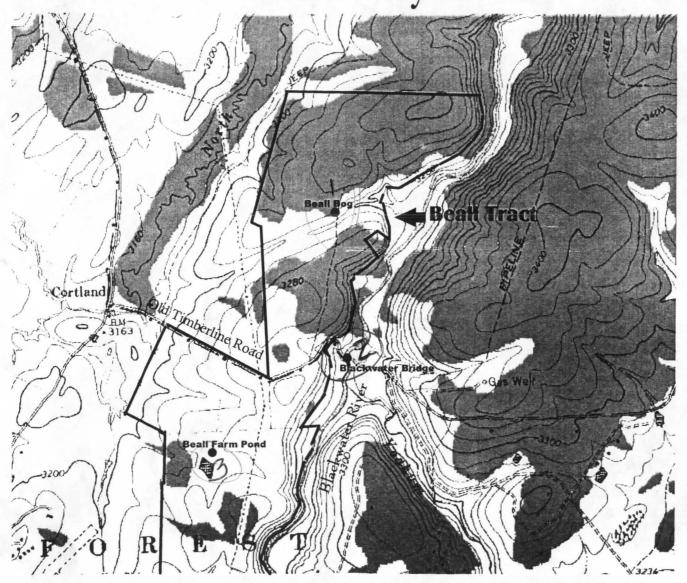
1 = Light air movement, smoke drifts. 2 = Wind felt on face, leaves rustle.

*6 = Large branches in motion.

3 = Gentle breeze, leaves and small twigs in motion. * Unacceptable wind strengths for survey.

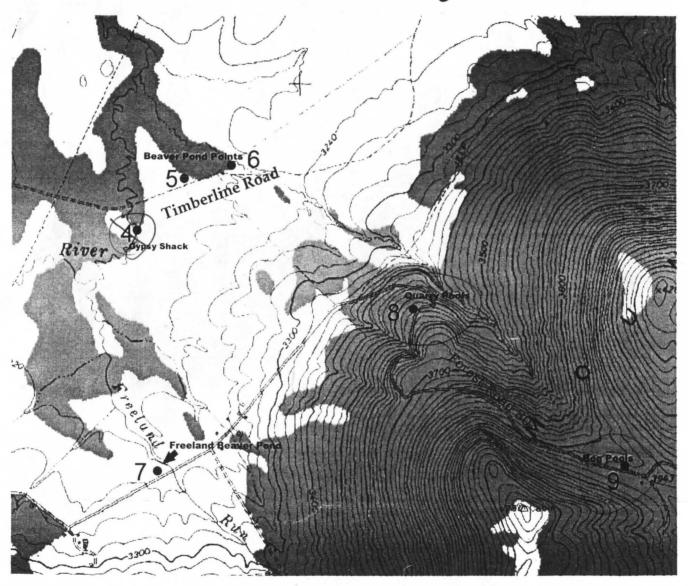
			\$	Survey Da	ıta					
		Time	,	Temp 🐲		ind Scale	Sky C	ode		
Start		21:3	20	200		Ò				
Finish		33:	42	160		0				
	e.			Point Da	ta.		ŕ			
	·	1		2		3	4	ſ		5
Start Time	99	:37			20:	27			22	108
Air Temperature (°F)		,°C			10	200	\ ·		16	9 0(
ky Code	1			/						1
Vas noise a factor? (✓ = yes)										
oid you take a timeout? (✓= yes)										
pecies Heard:	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	/5 min.	3 min.	5 min
NSPE		1		Λ	01	1		(2	a
GRFR	1			<u> </u>				1	1	۱,
			<u> </u>							-
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			II	\bot						
				\						
Comments:				'				`		
l Index Value: 1 = Calls can be cou	inted, no o	verlapping.	2 = Calls	can be distingui	shed, some o	verlapping.	3 = Full c	horus, calls c	ontinuous and	d overlapp
Code: 0 = Clear / few clouds. 5 = Drizzle / light rain	1 = Partl 7 = Snov	y cloudy / vai	riable.	2 = Cloudy (1 *8 = Showers			4 = Fog /	Smoke		

Anuran Call Survey Points Beall Tract Canaan Valley NWR





Anuran Call Survey Points Canaan Valley NWR





Beall Tract

Observer: Jackie Burns Survey Date: 4/20/04 Run Number: SOUTH END Refuge Route:

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	8:35	warm ~50°	1	5
Finish	9:10		1	2

	_	_
P.	Λin	Data
	.,	IJALA

				Point Da	ıa				-	
	1	l		2		3	4	\$	5	
Start Time	З	:35	8	:45	$q_{:}$	05				
Air Temperature (°F)	n	larm	War	M	Wan	rm				
Sky Code		5		5	Э					.=.
Was noise a factor? (✓ = yes)	. no	. no		v _	v) c	a.				
Did you take a timeout? (✓= yes)	./1	10		no		inc				
Species Heard:			3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPE	3	3	3	3	3	3				
WOFR						1				
WOFR AMTO				<u> </u>	2	2				
Short trill voice gray tree from	like	pegs.			1	1				
gray tree frog		<u> </u>								
			•							
									<u></u>	
Comments:										

Call Index Value:

1 = Calls can be counted, no overlapping. 2 = Calls can be distinguished, some overlapping.

3 = Full chorus, calls continuous and overlapping.

Sky Code: 0 = Clear / few clouds. 5 = Drizzle / light rain

1 = Partly cloudy / variable. 7 = Snow

2 = Cloudy (broken) or overcast. *8 = Showers (do not conduct survey) 4 = Fog / Smoke

Wind Scale: 0 = Smoke rises vertically.

1 = Light air movement, smoke drifts.

*4 =Small branches move, raises dust and loose paper.

2 = Wind felt on face, leaves rustle.

*5 = Small trees in leaf begin to sway, crested wavelets.

3 = Gentle breeze, leaves and small twigs in motion. * Unacceptable wind strengths for survey.

*6 = Large branches in motion.

Revised Feb. 2001

Observer: 5TUR	M	_ Re			mp 70)		•	Date: 4/6	21/04/	Run Numbe	r: <u> </u>
Г		\neg	T:				377	10.1	Ι			
<u> </u>		\dashv	Time		Temp (°F			nd Scale	Sky C	Code		
 -	tart	-	0820	.				<u>2</u>	<u>a</u>			
LF	inish		0910		6			<u>a</u>	2			
					Point Da	ta						
		1			2		3			4		5
Start Time	C	90	5	08.	51	08						
Air Temperature (°F)	(60	0	6.	20	C	16°	F	. \	\		
Sky Code		2		9	<u> </u>		2					
Was noise a factor? (✓ =	yes)	No		^	10	~3	0					
Did you take a timeout? (/=	yes)	20		7	0	۸	0					
Species Heard:	3 m	in.	5 min.	3 min	. 5 min.	3 mi	in.	5 min.	3 min.	5 min.	3/min.	5 min.
NEPE	2	b	3	3	3	3	,	3			/	
PIFR	1		2	1	1	1						
AMTO	ð	L	2	1	ĺ	6		1				
		-						•				
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Comments:						<u> </u>					<u>.</u>	
Call Index Value: 1 = Calls ca	n be counted,	no ov	erlapping.	2 = Calls	can be distingu	ished, se	ome o	verlapping.	3 = Full (chorus, calls	continuous an	d overlapping.
Sky Code: 0 = Clear / few cloud 5 = Drizzle / light rain		Partiy Snow	y cloudy / var	iable.	2 = Cloudy *8 = Showers				4 = Fog /	Smoke		
Wind Scale: 0 = Smoke rises ver 1 = Light air movem 2 = Wind felt on fac 3 = Gentle breeze, le	ent, smoke dr e, leaves rustle	e.		•5 = Sma •6 = Lar	II branches movall trees in leaf I ge branches in receptable wind s	egin to notion.	sway,	crested wave	lets.	MBI @ SN	Bint	2

Revised Feb. 2001

GIAde RUN WARREN Refuge Route: CANAA Survey Date: 21 APRIL Run Number:

		Survey Data		
	Time	Temp (°F)	Wind Scale	Sky Code
Start	8:17	63.8	3	5
Finish	8:43	105 B	3	5

Paint Data

			t	Point Da	ta					
		:3		2	4	[6		5
Start Time	8:	17	8:	38	8:6	26				
Air Temperature (°F)		3.8		ĵ.8	64	,3				
Sky Code	11	5	E	ĵ	5					
Was noise a factor? (✓ = yes)										
Did you take a timeout? (✓= yes)										
Species Heard:	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPE	3	3	3	3	3	3				
PICK										
AMTO	2	2	1	2	Q	21				
WOFR			2	2						
Comments:	· · · · · · · · · · · · · · · · · · ·	Pt.	1	<u> </u>	<u> </u>	to Pee	oevs a	leateni	ng	
Comments: P+, 8 COSN = 2 AMW	0=2	1 CosN	'z3	AMI	NO = 2	ļ	1ALLAR	² 0S	<u> </u>	

Call Index Value:

1 = Calls can be counted, no overlapping. 2 = Calls can be distinguished, some overlapping.

3 = Full chorus, calls continuous and overlapping.

Sky Code: 0 = Clear / few clouds.

1 = Partly cloudy / variable.

2 = Cloudy (broken) or overcast.

4 = Fog / Smoke

5 = Drizzle / light rain

7 = Snow

*8 = Showers (do not conduct survey)

Wind Scale: 0 = Smoke rises vertically. 1 = Light air movement, smoke drifts. *4 =Small branches move, raises dust and loose paper.

2 = Wind felt on face, leaves rustle.

*5 = Small trees in leaf begin to sway, crested wavelets. *6 = Large branches in motion.

3 = Gentle breeze, leaves and small twigs in motion. * Unacceptable wind strengths for survey.

FWS Anuran Call Count Survey Freeland + Timberline

Time Temp (°F) Wind Scale Sky Code	5 30 0
Time Temp (°F) Wind Scale Sky Code	s 30 -0
Finish	30 0
Point Data Start Time 2 30	30 0
Start Time 2130 Air Temperature (°F) Sky Code Was noise a factor? (/= yes) Did you take a timeout? (/= yes) Species Heard: 3 min. 5 min. 3 min. 5 min. 3 min. 5 min. 3 min. 5 min. 3 min.	30 0
Start Time 2130 Air Temperature (°F) Sky Code Was noise a factor? (/= yes) Did you take a timeout? (/= yes) Species Heard: 3 min. 5 min. 3 min. 5 min. 3 min. 5 min. 3 min. 5 min. 3 min.	30 0
Air Temperature (°F) Sky Code Was noise a factor? (/= yes) Did you take a timeout? (/= yes) Species Heard: 3 min. 5 min. 3 min. 5 min. 3 min. 5 min. 3 min. 5 min. 3 min.	0
Air Temperature (°F) Sky Code Was noise a factor? (/= yes) Did you take a timeout? (/= yes) Species Heard: 3 min. 5 min. 3 min. 5 min. 3 min. 5 min. 3 min. 5 min. 3 min.	0
Sky Code Was noise a factor? (/= yes) Did you take a timeout? (/= yes) Species Heard: 3 min. 5 min. 3 min. 5 min. 3 min. 5 min. 3 min. 5 min. 3 min.	0
Did you take a timeout? (√= yes) Species Heard: 3 min. 5 min. 3 min. 5 min. 3 min. 5 min. 3 min. 5 min. 3 min.	
Species Heard: 3 min. 5 min. 3 min.	
	1
SPPR GRTP 1 2 3 3 1 1 1 1 1 1 1 1 1 1 1	5 min.
GREF	3
	173
Comments:	
Call Index Value: 1 = Calls can be counted, no overlapping. 2 = Calls can be distinguished, some overlapping. 3 = Full chorus, calls continuous and	d overlapping.
Sky Code: 0 = Clear / few clouds. 1 = Partly cloudy / variable. 2 = Cloudy (broken) or overcast. 4 = Fog / Smoke 5 = Drizzle / light rain 7 = Snow 4 = Fog / Smoke	
Servised Feb. 2001 Some of the property of th	17/2011
1 = Light air movement, smoke drifts. 2 = Wind felt on face, leaves rustle. *5 = Small trees in leaf begin to sway, crested wavelets. *6 = Large branches in motion.	7
3 = Gentle breeze, leaves and small twigs in motion. * Unacceptable wind strengths for survey. DIFD 3-160	171
Revised Feb. 2001 FWS Anuran Call Count Survey AMTO 4000	
COTT - Land	ru 1,09

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	6	;		7		3		9	1	10
tart Time 2020	2	020	21	00	20	745	208	20		
Air Temperature (°F)		020 65	(5		68		68		
ky Code			2		2		2020 68 5			
Vas noise a factor? (✓ = yes)										
oid you take a timeout? (✓= yes)		T				I		, 		
pecies Heard:	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min
SPPR Verper. GRTF 1 WOFR	3	3	3	3		2	2	2		
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5 = Drizzle / light rain Vind Scale: 0 = Smoke rises vertically.

ky Code: 0 = Clear / few clouds.

*4 =Small branches move, raises dust and loose paper.

1 = Light air movement, smoke drifts.2 = Wind felt on face, leaves rustle.

*5 = Small trees in leaf begin to sway, crested wavelets.

2 = Cloudy (broken) or overcast.

*8 = Showers (do not conduct survey)

4 = Fog / Smoke

1 = Partly cloudy / variable.

2 = Wind felt on face, leaves rustle.

*6 = Large branches in motion.

* Unacceptable wind strengths for survey.

				S	, urvey D:	ata		,	,	Run Numbe	
			Time		Temp (°F)	W	ind Scale	Sky C	Code		
	Start		8:40		55.6		0	1			
	Finish		8:45		55,6		<i></i>	1			
]	Point Da	ta					
			1	8	2		3		4		5
Start Time		8:	40	3.4	10	8:4	4 0		i		,
Air Temperature (°F)		ଚ୍ଚ	.6	55.		55.	6				
Sky Code		1		(1			· · · · · · · · · · · · · · · · · · ·		
Was noise a factor?	(√ = yes)	Heck,	NO!								
Did you take a timeou	t? (√ = yes)										
Species Heard:		3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPE		3	3	3	3	3	3				
AMTO		- (0	l	2	2	a				
GRFR		1	0	0	σ	1	0				
PIFR		1	2	U	0	0	0				
77.17											
					ļ.,						
				<u>•</u>				 			
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									<u> </u>		
Comments: 3 A	M. W00	dcock	calling	e dis	playin	9 O F	oinf#	!			
						ished, some o					d overlapp

Revised Feb. 2001

Observer: Stu	RM	Re	fuge Route:	Can	aan S	south E	Survey	Date: 5	4/4	Run Numbe	r. <u>Z</u>
				S	urvey D	ata		· r			
			Time		Temp (°F)		ind Scale	Sky C	Code		
	Start		9:00		4901		/				
	Finish		<u>9;5</u>	2pm	4701	c	<u>l</u>	1			
					Point Da	ta					
		1	[2		3	4	4		5
Start Time								9	:47	9,2	<i>f 1</i>
Air Temperature (°F)								4	7.4	48.6)°F
Sky Code _	-								1	l	
Was noise a factor?	(✓ = yes)										
Did you take a timeout	? (√ = yes)		,								
Species Heard:	<u>,</u>	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPE								2	2	2	2
				•							
Comments:											
Call Index Value: 1 = C	alls can be co	ounted, no ov	erlapping.	2 = Calls ca	n be distingu	ished, some o	overlapping.	3 = Full o	chorus, calls	continuous an	d overlapping
Sky Code: 0 = Clear / few 5 = Drizzle / lig	clouds.		y cloudy / va	riable.	2 = Cloudy	(broken) or o	vercast.	4 = Fog /	Smoke		
Wind Scale: 0 = Smoke ris 1 = Light air n 2 = Wind felt 3 = Gentle bre	novement, sn on face, leave	noke drifts. es rustle.	gs in motion.	*5 = Small *6 = Large	trees in leaf l branches in r	begin to sway notion.	and loose par , crested wave survey.				

Refuge Route: 50th END GINWR

Survey Date: 5/4/04

Point Data

		5		7		3		9	1	10
Start Time			9:	24	9:13	3	9:0	mga		
Air Temperature (°F)			44	24 1.5	9:13 46	°F	490	PF		
Sky Code				1	1		1			
Was noise a factor? (✓ = yes)					NO		NO NO			
Did you take a timeout? (✓= yes)		<u>,</u>			N_0	·	NO			
Species Heard:	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPE .			3	3	j	3	1	0		
					ļ					
								 		
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Comments:	<u> </u>	<u> </u>	II	<u> </u>	L	L	L	I	<u>L</u>	<u>l</u>
Comments:										

Call Index Value:

1 = Calls can be counted, no overlapping. 2 = Calls can be distinguished, some overlapping.

3 = Full chorus, calls continuous and overlapping.

5 = Drizzle / light rain

Sky Code: 0 = Clear / few clouds.

1 = Partly cloudy / variable. 7 = Snow

2 = Cloudy (broken) or overcast.

*8 = Showers (do not conduct survey)

4 = Fog / Smoke

Wind Scale: 0 =Smoke rises vertically.

*4 =Small branches move, raises dust and loose paper.

1 = Light air movement, smoke drifts.

*5 = Small trees in leaf begin to sway, crested wavelets.

2 = Wind felt on face, leaves rustle.

*6 = Large branches in motion.

3 = Gentle breeze, leaves and small twigs in motion. * Unacceptable wind strengths for survey.

South End

Observer: KEUY WARREN Refuge Route: BEALL TRAC Survey Date: <u>5/4/04</u> Run Number: <u>3</u>2

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code∵
Start	8:55	50.5	0	0
Finish	9:15	45.0	0	0

Doint Data

			r	oint Da	<u>ta</u>					
	1	B0G	2	BRIDGE	. 3	POND		•		5
Start Time	q.	03.	8:5	5	9	:15				
Air Temperature (°F)	46	1	H	.5	4,	5.0	•			
Sky Code	H	<u>) </u>				0				
Was noise a factor? (✓ = yes)										
Did you take a timeout? (✓= yes)		,								
Species Heard:	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NOSP	1	1	2	2	2	2				
АМТО										
WOFR										·
PIFR										
			•							
								{		
Comments: BRIDGE @ 8	3:52	/ B	oge o	1:03	· ·					
AMWO	<u>= 2</u>	1 B	PRRED	OWL=	<u> </u>		······································			

3 = Full chorus, calls continuous and overlapping.

Sky Code: 0 = Clear / few clouds.

1 = Partly cloudy / variable.

7 = Snow

1 = Calls can be counted, no overlapping. 2 = Calls can be distinguished, some overlapping.

2 = Cloudy (broken) or overcast. *8 = Showers (do not conduct survey) 4 = Fog / Smoke

Wind Scale: 0 =Smoke rises vertically.

5 = Drizzle / light rain

1 = Light air movement, smoke drifts.

*4 =Small branches move, raises dust and loose paper. *5 = Small trees in leaf begin to sway, crested wavelets.

2 = Wind felt on face, leaves rustle.

*6 = Large branches in motion.

3 = Gentle breeze, leaves and small twigs in motion. * Unacceptable wind strengths for survey.

Call Index Value:

_			·	<u>S</u>	urvey Da	<u>ita</u>					
-			Time		Temp (°F)	W	/ind Scale	Sky C	ode		
·	Start		<u>8:4</u>		58.8			0			
L	Finish		9:2	4	55.1	,		0			
	===			<i>/</i>	Point Da	ta					
		1			2		3		1		5
tart Time		8:4	0	9.	06	8:4		9:19		-	
Air Temperature (°F)		58.8	3	5	6.4	55	57.6		55.2		
Sky Code		/		/	_	1		1			
Was noise a factor? (✓	= yes)										
oid you take a timeout? (= yes)										
pecies Heard:		3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPE		3	3	3	3	3	3	3	3		
PIFR		1	2	/	2		(2	1		
GRFR			0	0	1	0	0	0	0		
AMTO		Ø	0	2	2	1	2	Z	2		
				•							
Comments: Otter	(76 (1	int #	308 2011/12	:55pm.	AMBI	Z CA	Go/Bi	arred o	n Cal	ling	
					an be distingu					continuous an	d overlapp
	ıds.		y cloudy / var		2 = Cloudy (4 = Fog /			;

- .			FWS	Anur	an Call (Count	Survey		,		
Observer: SO	2W	Re	fuge Route:	CAY	np 70	<u>) </u>	Survey	Date: 5/	17/04	Run Number	r. <u>2</u>
					Survey Da	ata		· · · · · · · · · · · · · · · · · · ·			
			Time		Temp (°F)	V	Vind Scale	Sky C	ode		
	Start		85	0	66			5			
	Finish				62		2	5			
					Point Da	ta					
		1	l		2		3		6		5
Start Time			6 <i>0</i>	<i>`</i> 3∙	5 8	9:	<i>3</i> 3				
Air Temperature (°F)		66	o°F	6	5	6	2				
Sky Code		4)	Ō	())	8)				
Was noise a factor?	(✓ = yes)										
Did you take a timeout?	(√ = yes)										
Species Heard:		3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
AMTO		l	2	1	1	l	0				
GREIL		/		/	0	0	0				
VSPE		3	3	3	3	3	13				<u> </u>
				<u>.</u>							
						<u> </u>					
Comments:			•								
					- 						
Call Index Value: 1 = Cal	ls can be co	unted, no ov	erlapping.	2 = Calis	can be distingu	ished, some	overlapping.	3 = Full o	horus, calls	continuous and	d overlapping
ky Code: 0 = Clear / few of 5 = Drizzle / ligh		1 = Partly 7 = Snov	y cloudy / va v	riable.	2 = Cloudy (*8 = Showers			4 = Fog /	Smoke		
Vind Scale: 0 = Smoke rise 1 = Light air mo 2 = Wind felt or 3 = Gentle bree:	ovement, sm n face, leave	s rustle.		*5 = Smai *6 = Larg	ll trees in leaf b e branches in n	egin to swa	st and loose par y, crested wave survey.				

FWS Anuran Call Count Survey

Refuge Route: SOUTH END Survey Date: 5/19/04 Run Number: 3 Observer: KELLY WARREN Survey Data Time Temp (°F) Wind Scale Sky Code--61.2 Start Finish **Point Data** 2 BRIDGE 3 POND 1806 9:31 Start Time 9:38 Air Temperature (°F) Sky Code Was noise a factor? $(\checkmark = yes)$ Did you take a timeout? (✓= yes) 3 min. 5 min. 3 m<u>in.</u> 5 min. 3 min. 5 min. Species Heard: 3 min. 5 min. 3 <u>min.</u> 5 min. 2 NSPE 3 2 2 2 2 Comments: 1 = Calls can be counted, no overlapping. 2 = Calls can be distinguished, some overlapping. 3 = Full chorus, calls continuous and overlapping. Call Index Value: Sky Code: 0 = Clear / few clouds. 2 = Cloudy (broken) or overcast. 4 = Fog / Smoke 1 = Partly cloudy / variable. *8 = Showers (do not conduct survey) 5 = Drizzle / light rain 7 = SnowWind Scale: 0 = Smoke rises vertically. *4 =Small branches move, raises dust and loose paper. *5 = Small trees in leaf begin to sway, crested wavelets. 1 = Light air movement, smoke drifts. 2 = Wind felt on face, leaves rustle. *6 = Large branches in motion.

3 = Gentle breeze, leaves and small twigs in motion. * Unacceptable wind strengths for survey.

Continuation Sheet 2

Refuge Route: SOUTH END (FR80, TIMBERUNE, BEALL)

Survey Date: 5/19/04

Point Data

		j	,	7		3		9	1	0
Start Time	10:	05	9	05	9:	53	9:4	2	10 ;	05
Air Temperature (°F)	55	05 12	50	اً، ا	1	ال	(01.	2°		
Sky Code	l	ŀ		1						
Was noise a factor? (✓ = yes)										
Did you take a timeout? (✓= yes)										
Species Heard:	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPE	2	2	3	3	3	3	3_	3		
AMTO		1		2.3	2	2				
PICK										
WOFR										
GRTR					1	1				
MOCH FROG					<u></u> ≱	4	₹			
										, ×.
-		<u> </u>							ļ	
									ļ	
					<u> </u>					

Comments:

AMWO=3@Fredand P+,#7

Call Index Value:

1 = Calls can be counted, no overlapping. 2 = Calls can be distinguished, some overlapping.

3 = Full chorus, calls continuous and overlapping.

Sky Code: 0 = Clear / few clouds. 5 = Drizzle / light rain

1 = Partly cloudy / variable.

7 = Snow

2 = Cloudy (broken) or overcast. *8 = Showers (do not conduct survey) 4 = Fog / Smoke

Wind Scale: 0 =Smoke rises vertically.

1 = Light air movement, smoke drifts.

2 = Wind felt on face, leaves rustle.

*4 =Small branches move, raises dust and loose paper. *5 = Small trees in leaf begin to sway, crested wavelets.

*6 = Large branches in motion.

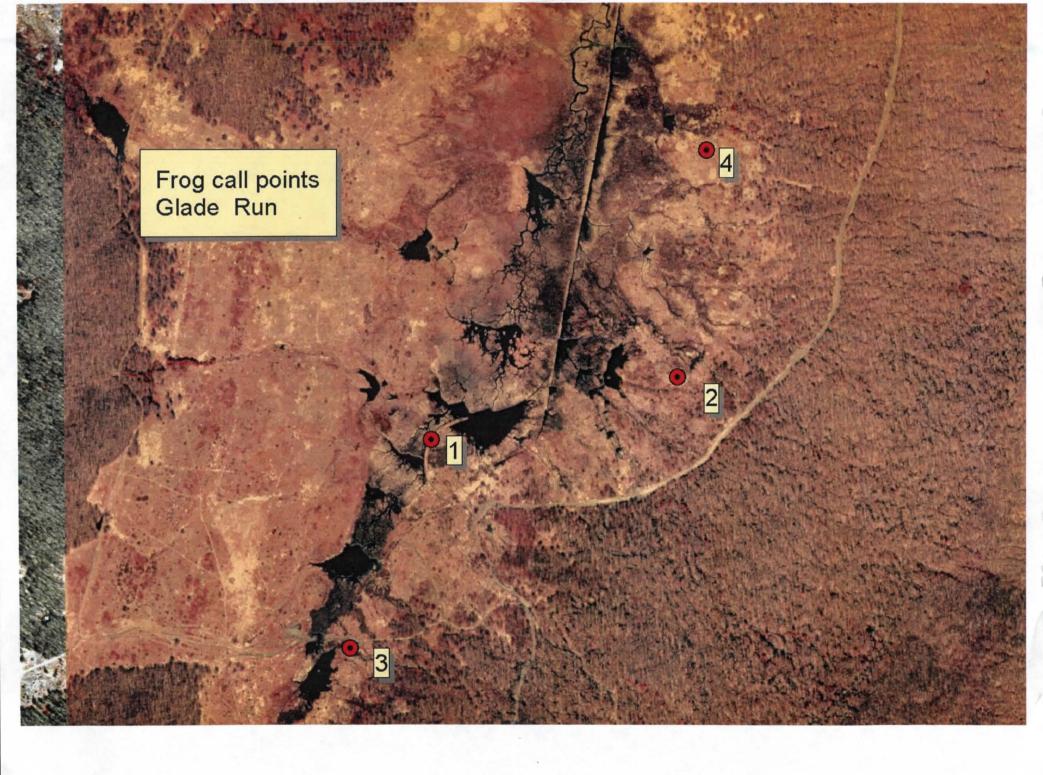
3 = Gentle breeze, leaves and small twigs in motion. * Unacceptable wind strengths for survey.

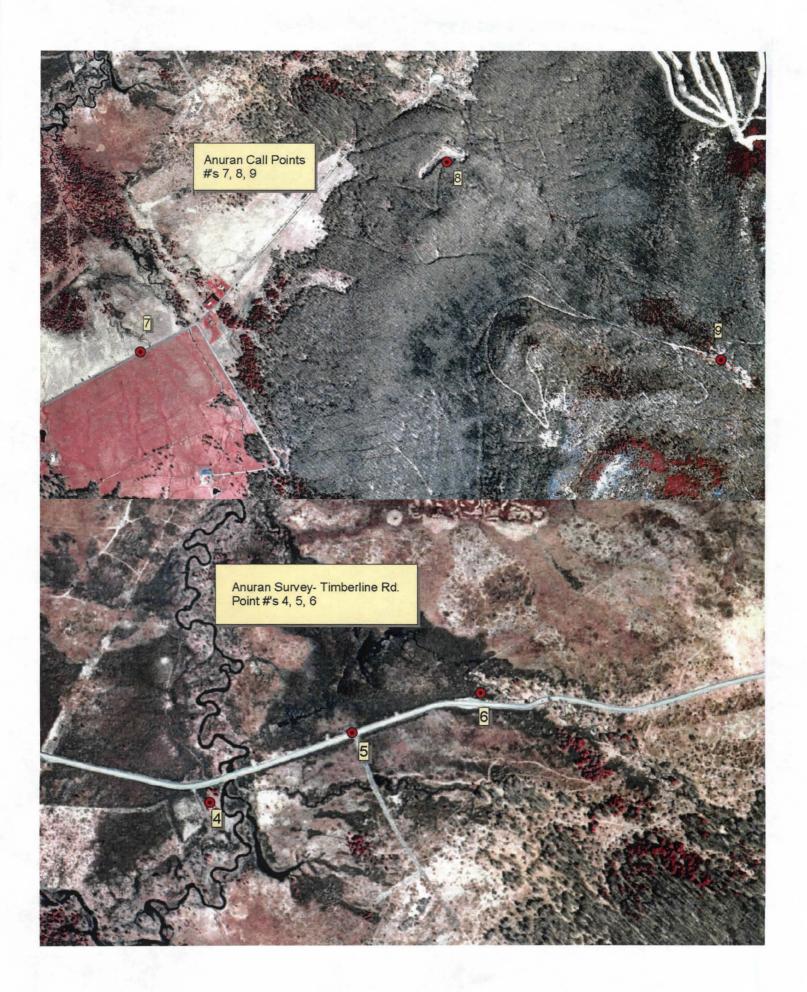
FWS Anuran Call Count Survey

FWS Anuran Call Count Survey

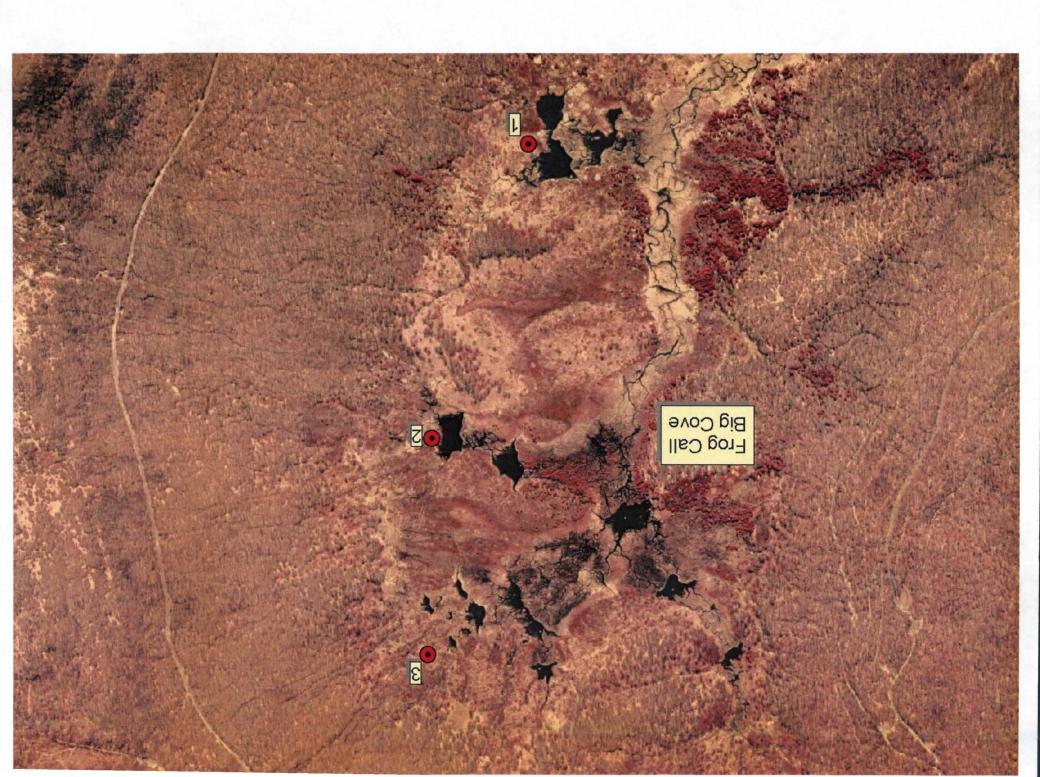
			-	S	urvey Da	ata :					
			Time		Temp (°F)	W	ind Scale	Sky C	ode		
	Start		9:05		60		0	1			
	Finish		9:5	8	55		0	1			•
					Point Da	ta					
		1	1		2		3		§		3
art Time		9:1		9:	36	9:0	25	9:	58		
ir Temperature (°F)		58	oF	5	5	6	OF	5	5 F		
ky Code		1			1	1		1			
as noise a factor?	(√ = yes)					* Open sup					
id you take a timeou	ıt? (√ = yes)										
pecies Heard:		3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.	3 min.	5 min.
NSPE		3	3	3	3	3	3	3	3		
GRFR			1	0	0	2	/	0	0		
PIFR		1	0	0	/	0	0		0		
AMTO			0	0	0	0	0		0		
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						<u> </u>					
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omments:	Calls can be co			2 = Calls c	an be distingui		verlapping.	3 = Full c	chorus, calls o	continuous an	d overlappi

Revised Feb. 2001

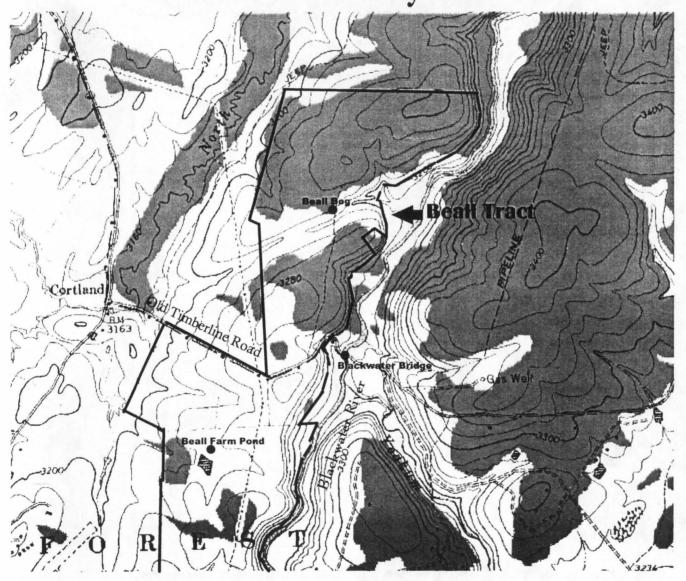






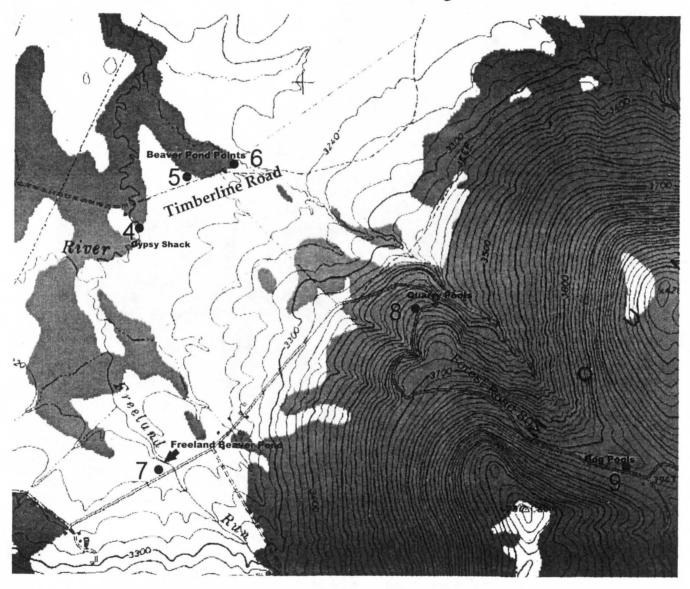


Anuran Call Survey Points Beall Tract Canaan Valley NWR





Anuran Call Survey Points Canaan Valley NWR







In 2002 a total of 16 points were surveyed for breeding anurans at CVNWR. Maps showing survey point locations are attached. These locations were marked using a refuge PLGR G.P.S. unit and are listed below:

LOCATION	UTM - EAST	UTM - NORTH
Beall Bog (AN 1)	637193	4325620
Beall Farm Pond (AN 3)	636563	4324408
Timberline Beaver Pond (AN 5)	636444	4321893
Idleman's Run Beaver Pond (AN 6)	636687	4321960
Freeland Beaver Pond (AN 7)	636307	4320419
FR 80 Quarry Pools (AN 8)	637620	4321234
FR 80 Bog Pools (AN 9)	638709	4320444
Camp 70 Point 1	639685	4333149
Camp 70 Point 2	639603	4333652
Camp 70 Point 3	640662	4334147
Glade Run Point 1	641055	4328916
Glade Run Point 2	641554	4329065
Glade Run Point 3	640798	4328428
Glade Run Point 4	641654	4329641
Big Cove Point 1	643253	4336891
Big Cove Point 2	643139	4336524



^{**}ALL POINTS IN NAD 27

Discussion:

Formal surveys began on March 18 and continued on an opportunistic basis until June 11. Not all points were sampled the same number of times. The south-end transect (points AN 1- AN9) were surveyed five times, Glade Run four times, Camp 70 twice and Big Cove one time. Therefore, surveys for breeding anurans were conducted a total of eight nights during the survey period. A total of five frog species and one toad were identified using refuge habitats in 2002: Northern spring peeper, wood frog, pickerel frog, gray tree frog, green frog and American toad. The three most common species heard during the 2002 surveys were spring peepers making up a total of 50% of all species heard, green frogs were next most common, making up 23% and American toads next at 18% of all species heard. A chart showing the percent occurrence of all

2008 Anuran Call Count Survey - Canaan Valley N.W.R.

Observer: Marquette CrockettRefuge Route: NAAMP-2008 Survey Date: 10-Apr. 1 2008 Run Number:

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	8:17	51.8°F)	2
Finish	11:04	60.8	2	2

Doint Date

		Point Dat	a		
	1	2	3	4	5
Start Time	8:17	8:43	9:02	9:37	9:50
Air Temperature (°F)	51.8°F	59°F	59°F	60,8°F	60.8°F
Sky Code	2	2	1	1	1
Was Noise a Factor? (yes/no)	No	No	No	No	No
Did you take a timeout? (yes/no)	No	No	No	No	No
Was moon visible? (yes/no)	No	Yes	No	Yes	Yes
Number of Cars	0	0	0	0	0
Species Heard	5 min	5 min	5 min	5 min	5 min
Spring Peeper	3	3	3	0	3
Gran Treefrog	0	0	1	0	0
8					
					3000
Comments:					

#1-2+03 Ean. Snipe calling. Heard Wood Frog + Gray Treefrog on walk between 1+2 #3- Spring Peopers recorded were on other Side of river #4- Chorus of Spring peopers across road along North Branch (Far away)

Call Index Value: 1 = Calls can be counted, no overlapping 2 = Calls can be distinguished, some overlapping 3 = Full chorus, calls continuous and overlapping

Sky Codes (note 3 and 6 are not valid code numbers)

0- Few Clouds

4 - Fog or smoke

1 - Partly cloudy (scattered) or variable sky 2 - Cloudy or overcast

5 - Drizzle or light rain (not affecting hearing ability) 7 - Snow

* 8 - Showers (is affecting hearing ability). Do not conduct survey

Beaufort Wind Codes

0 Calm (<1mph) Smoke rises vertically

2 Light Breeze (4-7 mph) leaves rustle, can feel wind on face

4* Moderate Breeze (13-18 mph) moves thin branches, raises loose papers

* Do not conduct survey at Level 4, unless in Great Plains

1 Light Air (1-3 mph) smoke drifts, weather vane inactive

3 Gentle Breeze (8-12 mph) leaves and twigs move around, small flags extend

5** Fresh Breeze (19 mph or greater) small trees begin to sway

** Do not conduct survey at Level 5 in ALL REGIONS

Refuge Route: NAAMP 2008

Survey Date: <u>April 10, 200</u>8

Point Data

		Point Dat	a		
	6	7	8	9	10
Start Time	9:59	10:11	10:34	10:47	10:57
Air Temperature (°F)	60.8°F	60.80F	60.8°F	59°F	60,8°F
Sky Code)		1		1
Was Noise a Factor? (yes/no)	No	No	No	Yes (wind)	No
Did you take a timeout? (yes/no)	No	No	No	No	No
Was moon visible? (yes/no)	Yes	Yes	Yes	Yes	No
Number of Cars	0	0	1	0	0
Species Heard	5 min	5 min	5 min	5 min	5 min
Spring Peeper	1	3	2	2	8
American Toad	0)	0	0	0

Comments:

#8- Heard | Com. Snipe. #9- Wind picked up (Code 3)

Call Index Value: 1 = Calls can be counted, no overlapping 2 = Calls can be distinguished, some overlapping 3 = Full chorus, calls continuous and overlapping

Sky Codes (note 3 and 6 are not valid code numbers)

0- Few Clouds

4 - Fog or smoke 7 - Snow

- 1 Partly cloudy (scattered) or variable sky 2 Cloudy or overcast
- 5 Drizzle or light rain (not affecting hearing ability)
- * 8 Showers (is affecting hearing ability). Do not conduct survey

Beaufort Wind Codes

0 Calm (<1mph) Smoke rises vertically

- 2 Light Breeze (4-7 mph) leaves rustle, can feel wind on face
- 4* Moderate Breeze (13-18 mph) moves thin branches, raises loose papers
- * Do not conduct survey at Level 4, unless in Great Plains
- 1 Light Air (1-3 mph) smoke drifts, weather vane inactive
- 3 Gentle Breeze (8-12 mph) leaves and twigs move around, small flags extend
- 5** Fresh Breeze (19 mph or greater) small trees begin to sway
- ** Do not conduct survey at Level 5 in ALL REGIONS

2008 Anuran Call Count Survey - Canaan Valley N.W.R.

Observer: Marquette Crakett Refuge Route: NAAMP 2008 Survey Date: 5/27/08 Run Number:

	Time	Temp (°F)	Wind Scale	Sky Code
Start	8:58	61.6°F	0	2
Finish	11:33	59,5	2	5

Point Data

	Point Dat	a		
1	2	3	4	5
8:58	9:24	9:43	10:12	10:03
6 P. Co	61.4	61.1	60.0	60.6
2	5	5	2	2
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
0	0	0	1	0
				N-001
5 min	5 min	5 min	5 min	5 min
3	3	2	3	3
3	1	0	1	2
1	1	0	0	0
		1		
				18
	3.	*		
		1 2 8:58 9:24 67:6 61.4 2 5 No No No No	8:58 9:24 9:43 67:6 61.4 61.1 2 5 5 NO NO NO NO NO NO NO NO NO NO NO NO	1 2 3 4 8:58 9:24 9:43 10:12 61.6 61.4 61.1 60.0 2 5 5 2 No

Comments: #1 - Am. B. Hern, Common Snipe Calling

Call Index Value: 1 = Calls can be counted, no overlapping 2 = Calls can be distinguished, some overlapping 3 = Full chorus, calls continuous and overlapping

Sky Codes (note 3 and 6 are not valid code numbers) 0- Few Clouds

4 - Fog or smoke

7 - Snow

- 1 Partly cloudy (scattered) or variable sky 2 Cloudy or overcast
- 5 Drizzle or light rain (not affecting hearing ability)
- * 8 Showers (is affecting hearing ability). Do not conduct survey

- 0 Calm (<1 mph) Smoke rises vertically
- 2 Light Breeze (4-7 mph) leaves rustle, can feel wind on face
- 4* Moderate Breeze (13-18 mph) moves thin branches, raises loose papers
- * Do not conduct survey at Level 4, unless in Great Plains
- 1 Light Air (1-3 mph) smoke drifts, weather vane inactive
- 3 Gentle Breeze (8-12 mph) leaves and twigs move around, small flags extend
- 5** Fresh Breeze (19 mph or greater) small trees begin to sway
- ** Do not conduct survey at Level 5 in ALL REGIONS

Continuation Sheet 2 - 2008 Anuran Call Count Survey - Canaan Valley N.W.R.

Refuge Route: NAAMP ZO Accidentally Dia these act Survey Date:___ of order **Point Data** 8 10 Start Time Air Temperature (°F) 64,2 Sky Code Was Noise a Factor? (yes/no) Did you take a timeout? (yes/no) Was moon visible? (yes/no) Number of Cars Species Heard 5 min 5 min 5 min 5 min 5 min X

Comments:

Call Index Value: 1 = Calls can be counted, no overlapping 2 = Calls can be distinguished, some overlapping 3 = Full chorus, calls continuous and overlapping

Sky Codes (note 3 and 6 are not valid code numbers)

0- Few Clouds 4 - Fog or smoke

- 1 Partly cloudy (scattered) or variable sky 2 Cloudy or overcast
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Continuation Sheet 2 - 2008 Anuran Call Count Survey - Canaan Valley N.W.R.

Refuge Route: NAAMP 2008

Survey Date: 6-19-2008

Point Data

		romi, Dat	а		
	Bridge 6	Pond 7	8	9	10
Start Time	11:14	11:26	11:46	11:59	12:10
Air Temperature (°F)	56	51.5	56	56	54
Sky Code	2	5	* 2	5	5
Was Noise a Factor? (yes/no)	No	Yes	No	Yes	No
Did you take a timeout? (yes/no)	No	Yes	No	No	No
Was moon visible? (yes/no)	No	No	No	No	No
Number of Cars	0	0	0	0	0
Species Heard	5 min	5 min	5 min	5 min	5 min
SPPE NSPE		/	2	2	1
GRFR	0	/	0	0	0
1					
			27		
	v				
				1.7	

Comments:

Plane went over during #7- Took I min timeant. #9- Some machine running near Billy Snyder-very distracting

Call Index Value: 1 = Calls can be counted, no overlapping 2 = Calls can be distinguished, some overlapping 3 = Full chorus, calls continuous and overlapping

Sky Codes (note 3 and 6 are not valid code numbers)

0- Few Clouds

4 - Fog or smoke 7 - Snow

- 1 Partly cloudy (scattered) or variable sky 2 Cloudy or overcast
- 5 Drizzle or light rain (not affecting hearing ability)
- * 8 Showers (is affecting hearing ability). Do not conduct survey

- 0 Calm (<1 mph) Smoke rises vertically
- 2 Light Breeze (4-7 mph) leaves rustle, can feel wind on face
- 4* Moderate Breeze (13-18 mph) moves thin branches, raises loose papers
- * Do not conduct survey at Level 4, unless in Great Plains
- 1 Light Air (1-3 mph) smoke drifts, weather vane inactive
- 3 Gentle Breeze (8-12 mph) leaves and twigs move around, small flags extend
- 5** Fresh Breeze (19 mph or greater) small trees begin to sway
- ** Do not conduct survey at Level 5 in ALL REGIONS

2008 Anuran Call Count Survey - Canaan Valley N.W.R.

Observer: Marquette Crockett Refuge Route: NAAMP 2008 Survey Date: 6/19/2008 Run Number: 3

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	9:19	51.5	0	2
Finish	12:10	54	2	5

Point Data

		Point Data			
	1	2	3	4	5
Start Time	9:19	9:43	10:00	10:53	11:04
Air Temperature (°F)	51.5	52.6	56.0	53.0	53,0
Sky Code	2	2	5	4	2
Was Noise a Factor? (yes/no)	No	No	No	No	No
Did you take a timeout? (yes/no)	No	No	No	No	No
Was moon visible? (yes/no)	No	No	No	No	No
Number of Cars	0	6	0	1	0
Species Heard	5 min	5 min	5 min	5 min	5 min
SPPE	2	1	2	2	1
PIFR	/	0	0	0	0
GRFR		/	0	0	0
	,				
		,			

Comments:

There was a storm with fairly hard rain between #3 and #4- had to wait

Call Index Value: 1 = Calls can be counted, no overlapping 2 = Calls can be distinguished, some overlapping 3 = Full chorus, calls continuous and overlapping

Sky Codes (note 3 and 6 are not valid code numbers) 0- Few Clouds

7 - Snow

4 - Fog or smoke

- 1 Partly cloudy (scattered) or variable sky 2 Cloudy or overcast
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- 5** Fresh Breeze (19 mph or greater) small trees begin to sway
- ** Do not conduct survey at Level 5 in ALL REGIONS

Field3	Field1	Field2	Field4	
Site Number	X NAD 83	Y NAD 83	Site_Description	
Frog 6	637245.27	4325139.28	Point is at Old Timberline Bridge on Beall tract - surveys Blackwater river and associated wetland and forest	
Frog 7	636580.22	4324628.13	Point is at old farm pond on Beall tract - surveys pond and associated woodlot	
Frog 8	636456.55	4322087.25	Point is on Timberline Road at pull off for Reichle tract - surveys open wetland and beaver ponds on Timberline road	
Frog 9	636272.61	4320743.02	Point is located on the boardwalk platform at Freeland beaver pond - surveys beaver pond and associated wetland and balsam fir stand	
Frog 10	637652.02	4321492.12	Point is located at Idleman's Run parking area on Forest Road 80 - surveys old quarry on Forest Road 80	
Frog 1	639692.72	4333282.37	Point is beside small hawthorne tree at the end of the Camp 70 Loop trail - surveys big beaver ponds at end of Camp 70 Loop	
Frog 3	637742.22	4332948.42	Point is in hemlock stand at beginning of Swinging Bridge Trail - surveys small ponds in hemlock stand and beaver ponds across river	
Frog 4	635446.97	4327695.91	Point is off Cortland road across from Ratlif farmhouse where field steeply slopes down to ponds - surveys beaver ponds and adjacent f	
Frog 5	636040.78	4325407.58	Point is at junction of Cortland road and Old Timberline road - surveys alder swamp along North Branch	
Frog 2	638526.06	4332937.54	Point is about 100 meters downslope of Delta 13 road grade - surveys small beaver pond and wet drainage	

Anuran Call Count IMP

WORKING DRAFT

Appendix 10.

Anuran Species Alpha Codes

Species	Scientific Name	Alpha Code
Eastern Spadefoot	Scaphiopus holrookii holbrookii	EASP
Eastern Narrowmouth Toad	Gastrophryne carolinensis	ENTO
American Toad	Bufo americanus	AMTO
Southern Toad	Bufo terrestris	SOTO
Fowler's Toad	Bufo woodhousii fowleri	FOTO
Oak Toad	Bufo quercicus	OATO
Green Treefrog	Hyla cinera	GRET
Pine Woods Treefrog	Hyla femoralis	PWTR
Barking Treefrog	Hyla gratiosa	BATR
Squirrel Treefrog	Hyla squirella	SQTR
Gray Treefrog	Hyla versicolor	GRAT
Cope's Gray Treefrog	Hyla chrysocelis	CGTR
Pine Barrens Treefrog	Hyla andersonii	PBTR
Upland Chorus Frog	Psuedaacris triseriata	UCFR
New Jersey Chorus Frog	Psuedacris triseriata feriarum	NJCF
Western Chorus Frog	Pseudacris triseriata triseriata	WCFR
Northern Spring Peeper	Pseudacris crucifer	NSPE
Mountain Chorus Frog	Pseudacris brachyphona	MCFR
Brimley's Chorus Frog	Pseudacris brimleyi	BCFR
Little Grass Frog	Pseudacris ocularis	LGFR
Northern Cricket Frog	Acris crepitans crepitans	NCFR
Southern Cricket Frog	Acris gryllus gryllus	SCFR
Carpenter Frog	Rana virgatipes	CAFR
Mink Frog	Rana septentrionalis	MIFR
Green Frog	Rana clamitans clamitans	GRFR
Bullfrog	Rana catesbeiana	BUFR
Northern Leopard Frog	Rana pipiens	NLFR
Southern Leopard Frog	Rana sphenocephala	SLFR
Pickerel Frog	Rana palustris	PIFR
Wood Frog	Rana sylvatica	WOFR

