

Anuran Call Count Survey Survey Point Field Map

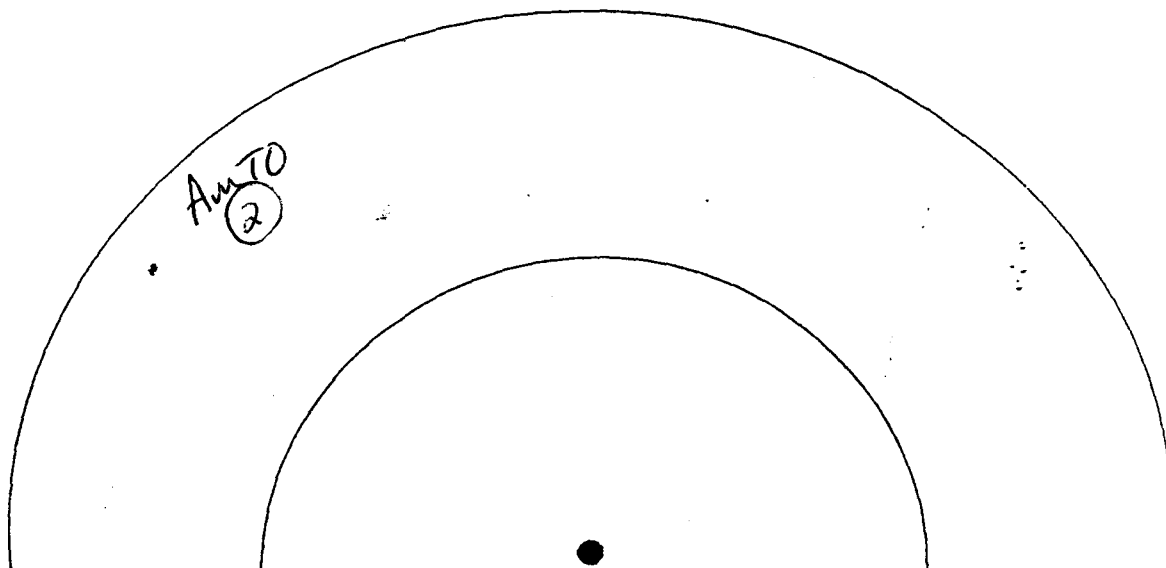
Date: 5/2/00 Survey Period: 1 2 3 4 Route: Timberline Rd. Surveyor: _____

Survey Point Number: _____

Survey Data

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

Comments:



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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 - NSPP
Bullfrog - BUFR

Point 1 = BEALL BOG
Point 2 = BEALL BRIDGE
Point 3 = BEALL FARM POND

Anuran Call Count Survey Survey Period Data Sheet

Date: 3/30/00 Survey Period: 1 2 3 4

Route: BEALL

Surveyor: STURM

Survey Data

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

Point Data

[illegible]

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Bullfrog - BUFR
Mt.Chorus Frog - MCFR

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

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

[illegible]

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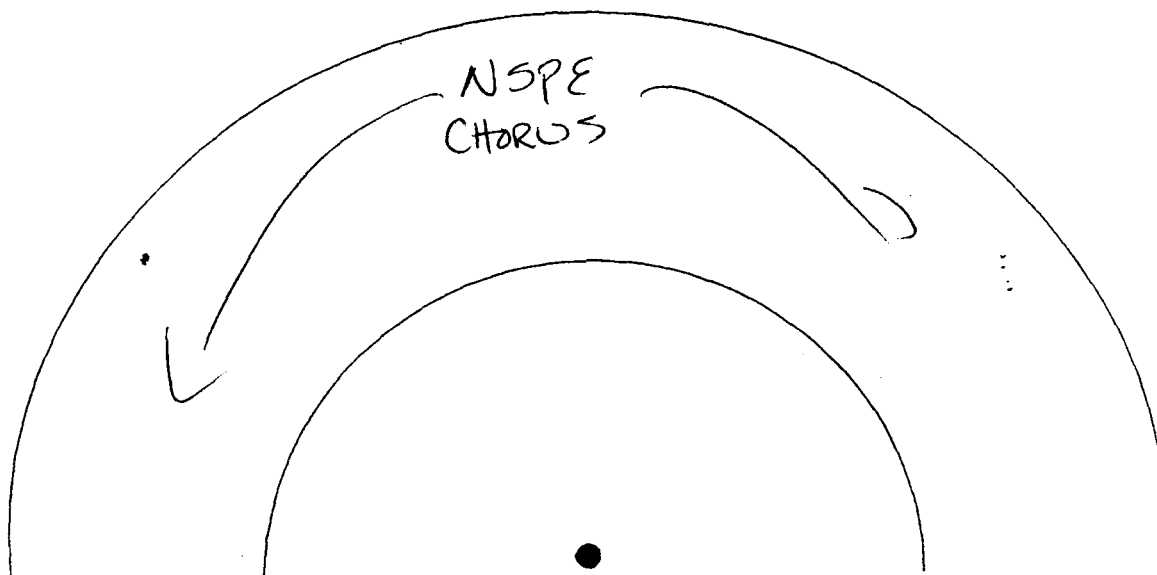
Anuran Call Count Survey Survey Point Field Map

Date: 4/3/00 Survey Period: (1) 2 3 4 Route: 1 Surveyor: STORM
Survey Point Number: 6 (Adleman's Run Beaver Pond)

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0753	56°	2	2	drizzle
Finish	0757	55	2	2	drizzle

Comments: snipe calling - woodcock displaying 111
at least 4670



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Anuran Call Count Survey Survey Point Field Map

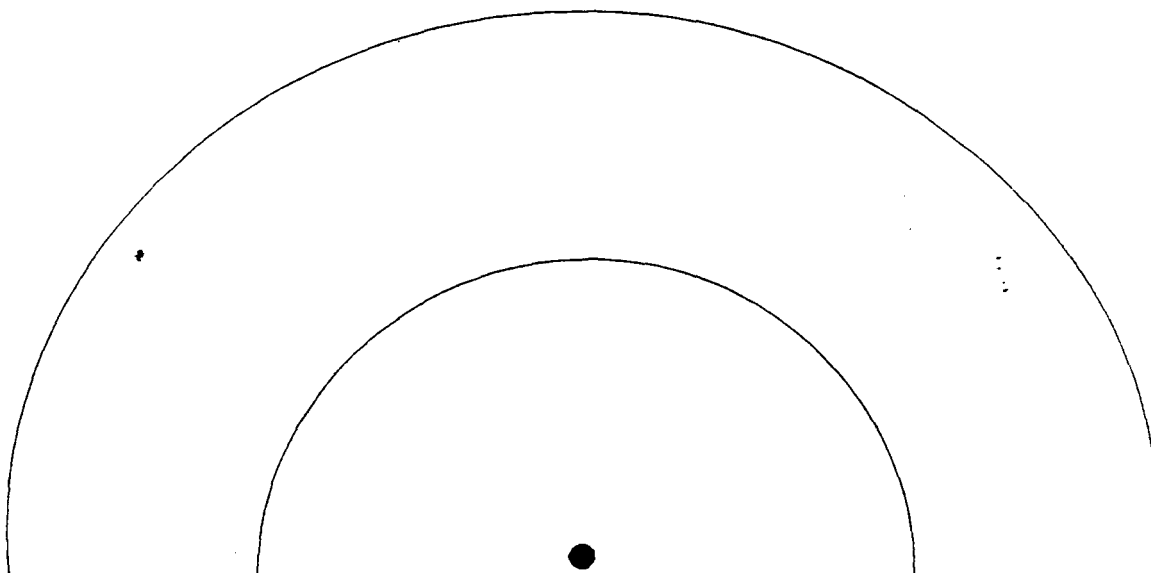
Date: _____ Survey Period: 1 2 3 4 Route: _____ Surveyor: _____

Survey Point Number: _____

Survey Data

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

Comments:



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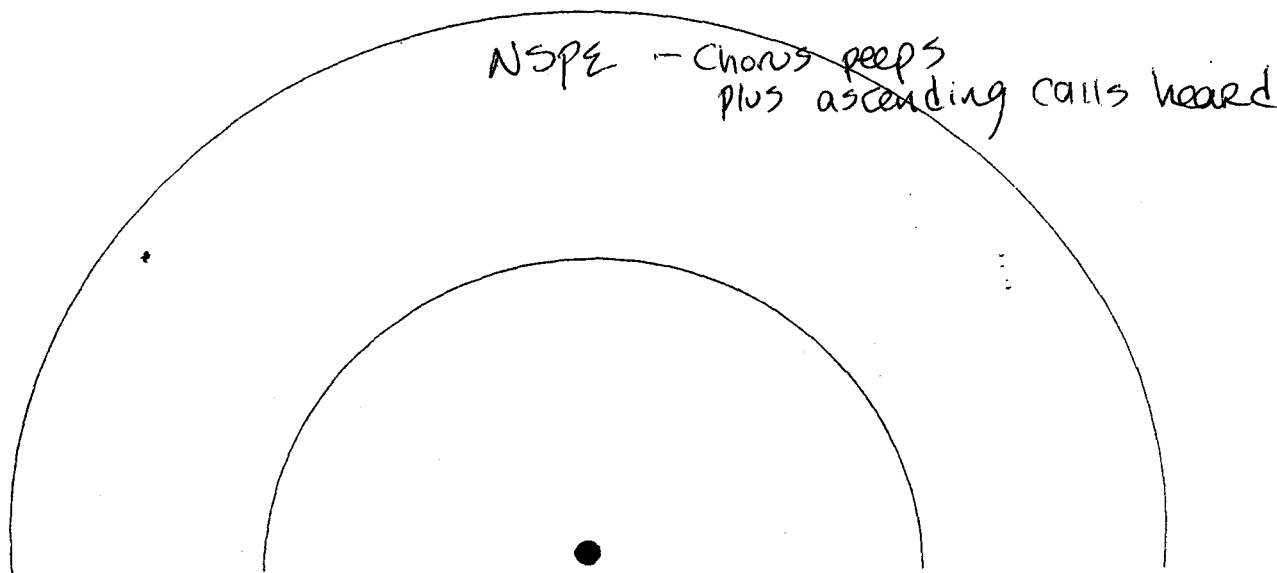
Date: 4/3/00 Survey Period: 1 2 3 4 Route: 1 Surveyor: STORM
Survey Point Number: 5

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0747	55°	2	2	NONE
Finish	0751	55°	2	2	NONE

Comments:

Song Sparrows + RW Blackbirds singing
2 ducks coming into Beaver Pond (Mallard?)
Snipe Calling



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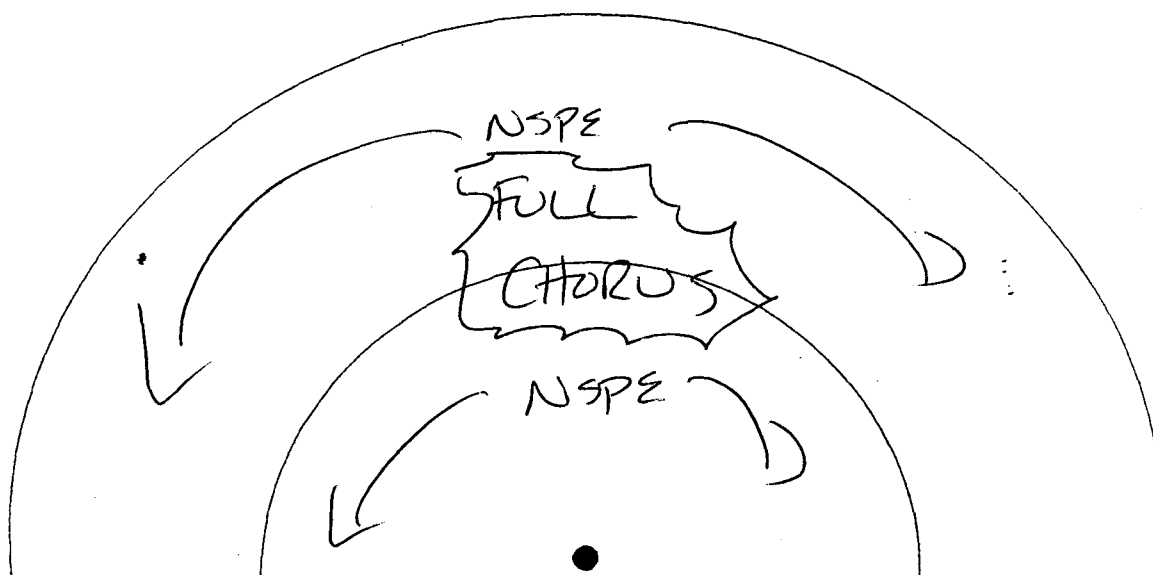
Anuran Call Count Survey Survey Point Field Map

Date: 4/3/00 Survey Period: 1 2 3 4 Route: 1 Surveyor: STURM
 Survey Point Number: A (Gypsy Shack)

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0741	56	2	1	NONE
Finish	0745	56	2	1	NONE

Comments: Song Sparrows, RWBK birds singing
 PEEPERS ALL AROUND in SPIREA MARSH (Full Chorus)



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Anuran Call Count Survey Survey Point Field Map

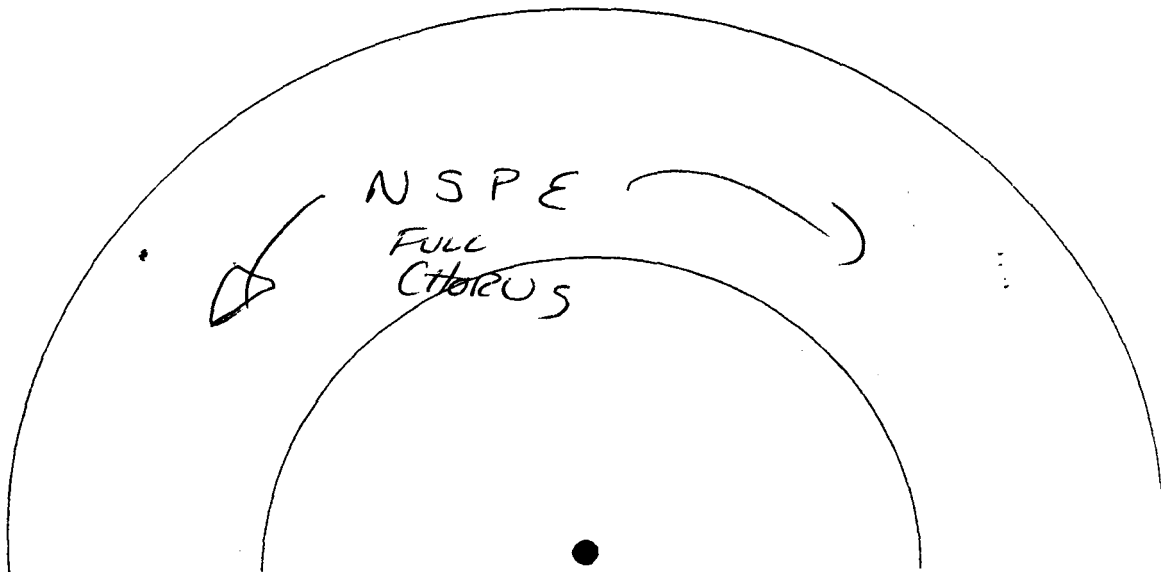
Date: 4/3/00 Survey Period: 1 2 3 4 Route: 1 Surveyor: STURM

Survey Point Number: 7

Survey Data

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

Comments: meadowlarks, RW blackbirds singing



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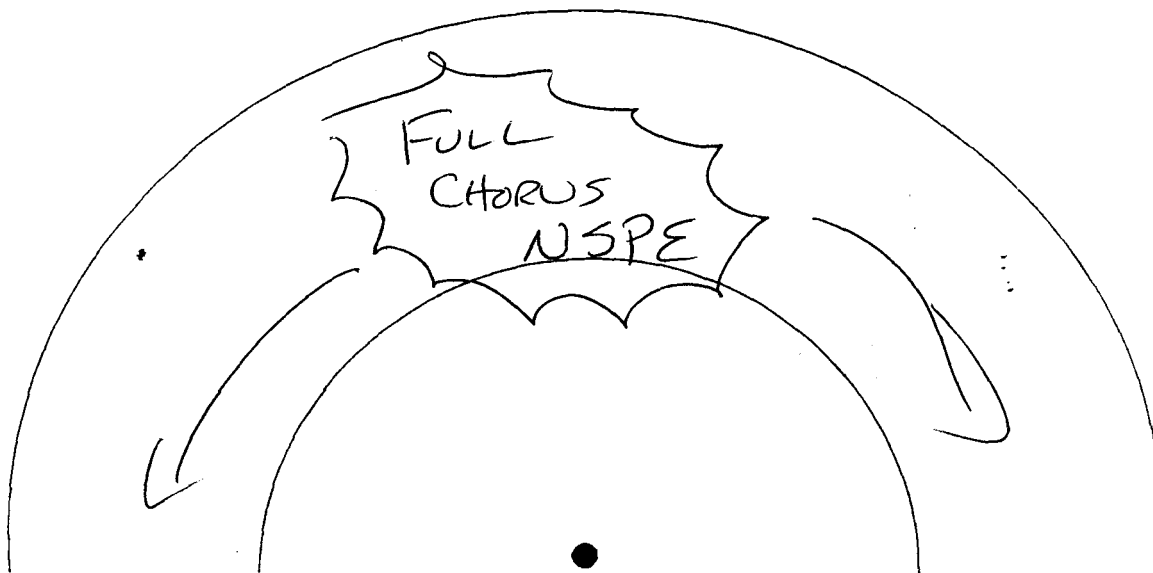
Anuran Call Count Survey Survey Point Field Map

Date: 4/3/02 Survey Period: 1 2 3 4 Route: 1 Surveyor: STURM
Survey Point Number: 8

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0715	58°F	4	1	drizzle
Finish	0719	58°F	4		drizzle

Comments:



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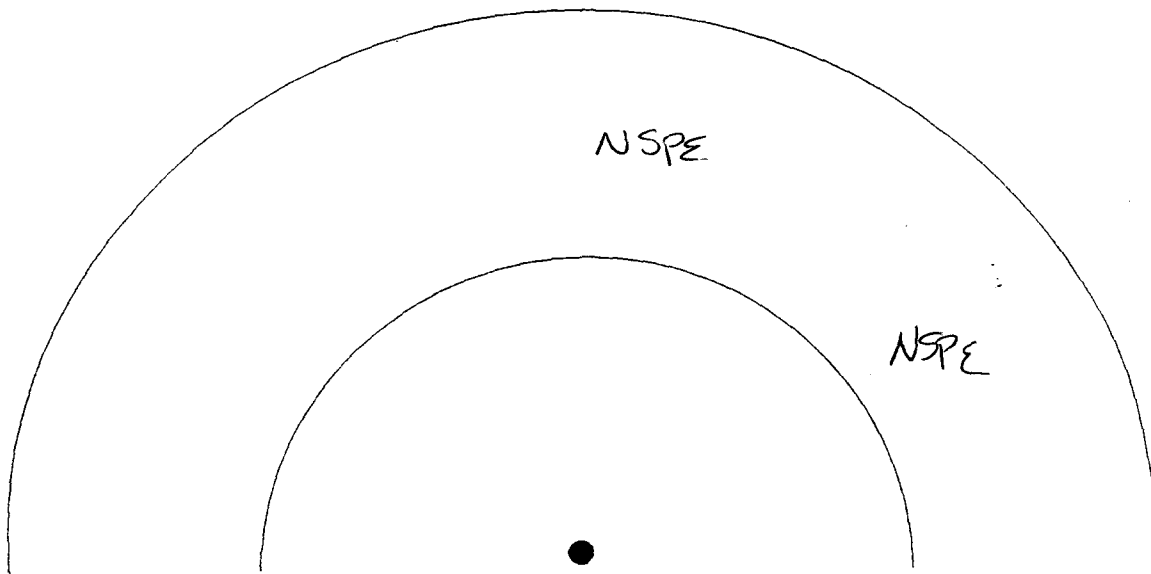
Anuran Call Count Survey Survey Point Field Map

Date: 4/3/02 Survey Period: 1 2 3 4 Route: 1 Surveyor: STURM
Survey Point Number: 9

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 of dead spruce tree → Goshawk?!
6 Turkey S lower down



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Anuran Call Count Survey Survey Period Data Sheet

Date: 4/5/00 Survey Period: 1(2)3 4

Route:

Surveyor:

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0800	35-40°	2	1	NONE
Finish	0840	32-35	2	3	NONE

Point Data

Freeland
Brewer

[illegible]

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Survey Period Data Sheet

Date: 4/19/00 Survey Period: 1 (2) 3 4 Route: _____ Surveyor: STURM

[illegible]

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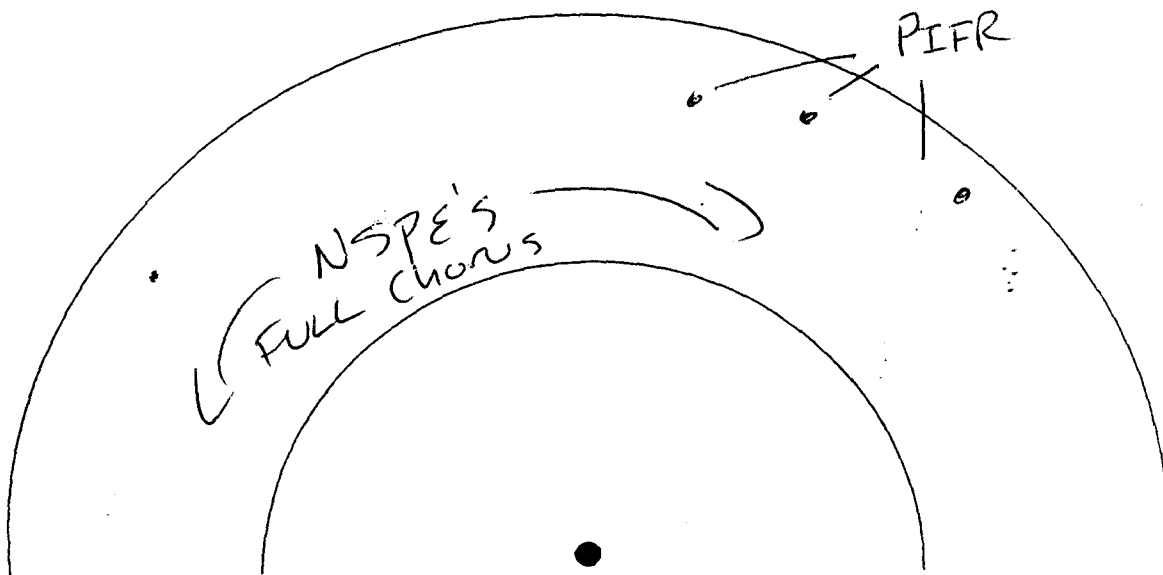
Anuran Call Count Survey Survey Point Field Map

Date: 4/19/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 5

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0940		0	1	NONE
Finish	0944		0	1	NONE

Comments: 1st pickerel Frogs heard This year - calling from beaver Pond



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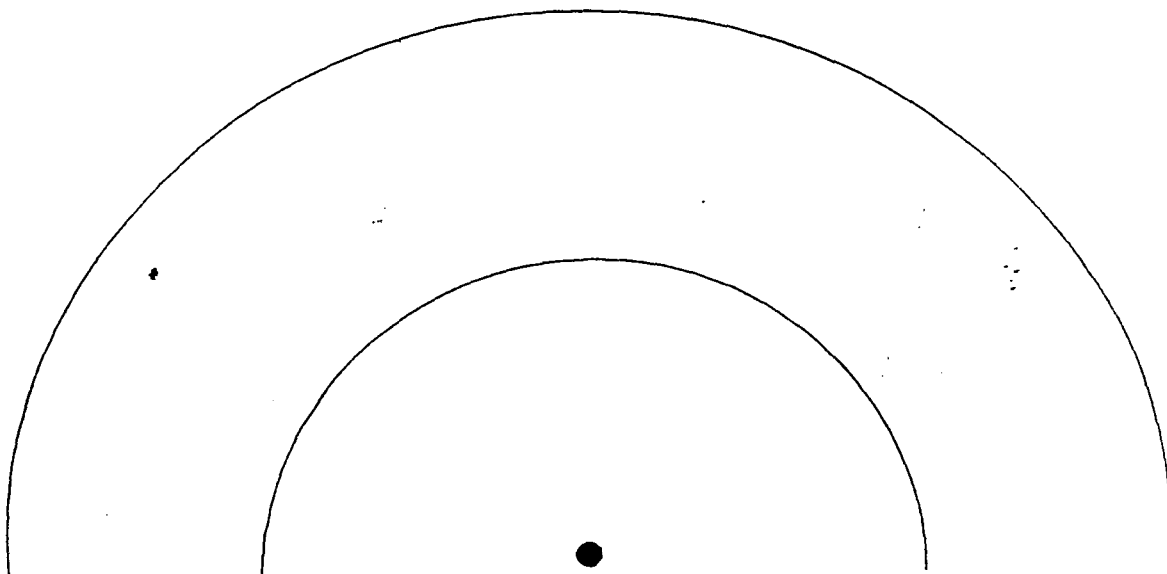
Survey Point Number: 4 - Gypsy Shacil

Survey Data

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

Comments:

NSPE FULL CHORUS FROM ALL
DIRECTIONS
BARRED OWL ^{*} HEARD CALLING FROM SOUTH



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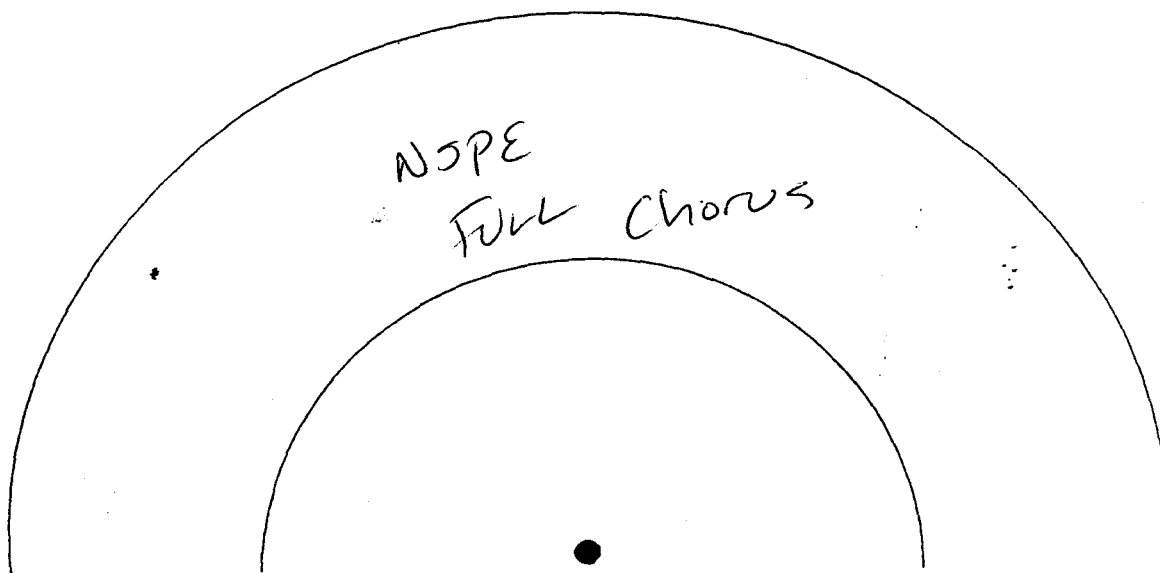
Date: 4/19/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STORM
Survey Point Number: 7 - FREELAND

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0920		0	1	NONE
Finish	0924		0	1	NONE

Comments:

FULL chorus of NSPE's - most concentrated @ back of Beaver Pond near Balsam Firs. a few (<10) are calling from wet meadows around pond



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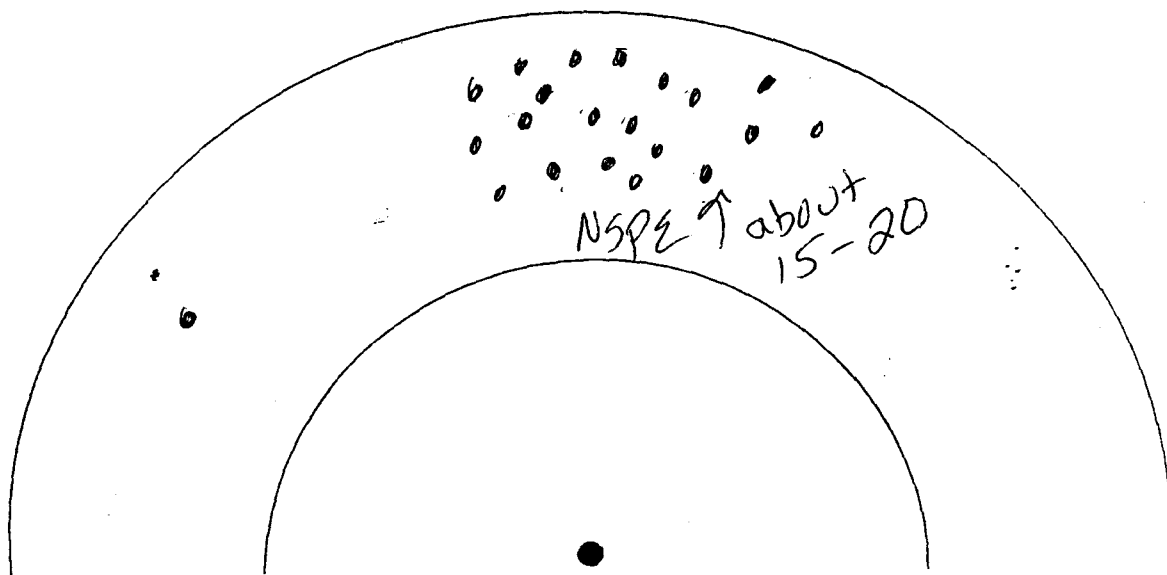
Date: 4/19/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 8

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0910		1	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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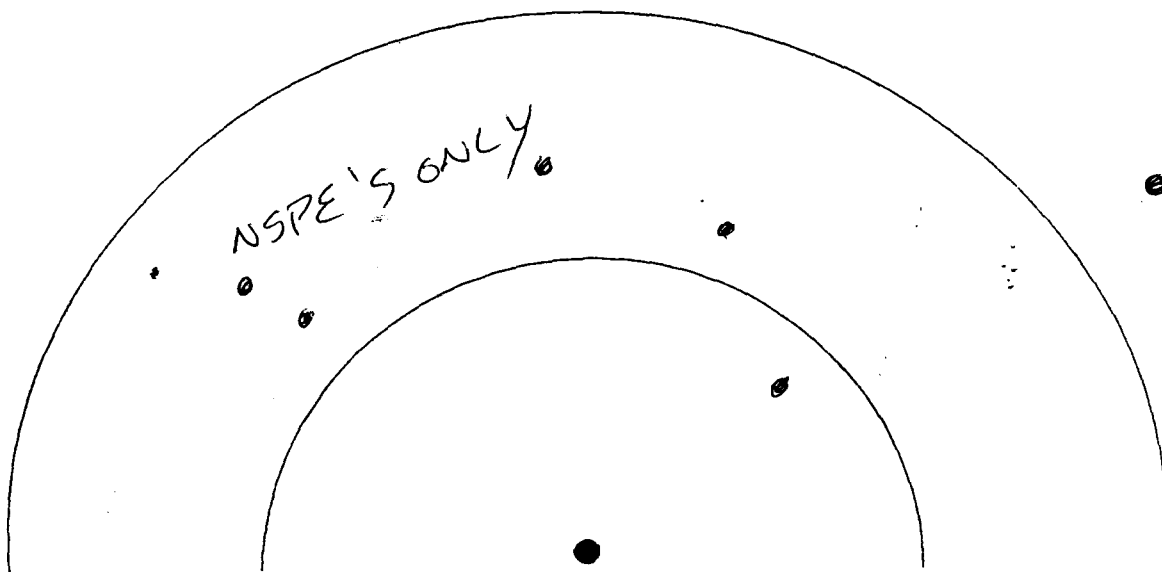
Date: 4/19/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STORM
Survey Point Number: 9

Survey Data

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

Comments:

6 CALLING MALES - infrequent/sporadic
calling from Bog Pools



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Survey Period Data Sheet

Date: 4/20/00 Survey Period: 1/2)3 4

Route:

Survivor

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0815	63°	1	3	NONE
Finish	0840		1	3-4	NONE

Point Data

[illegible]

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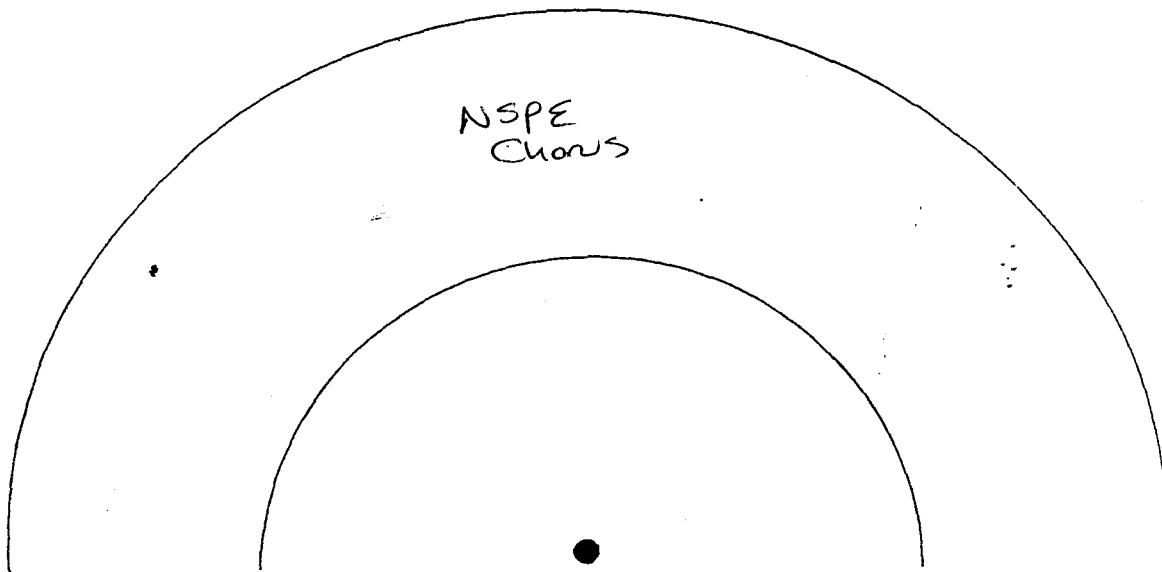
Anuran Call Count Survey Survey Point Field Map

Date: 4/20/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STORM
Survey Point Number: 1 - BEAR BOG

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0815	63°	1	3	NONE
Finish	0819	63	1	3	NONE

Comments: Hermit thrush calling 1st this year. Cherry tree in bloom - 1st in Canada I've seen



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 - MCFR

Anuran Call Count Survey Survey Point Field Map

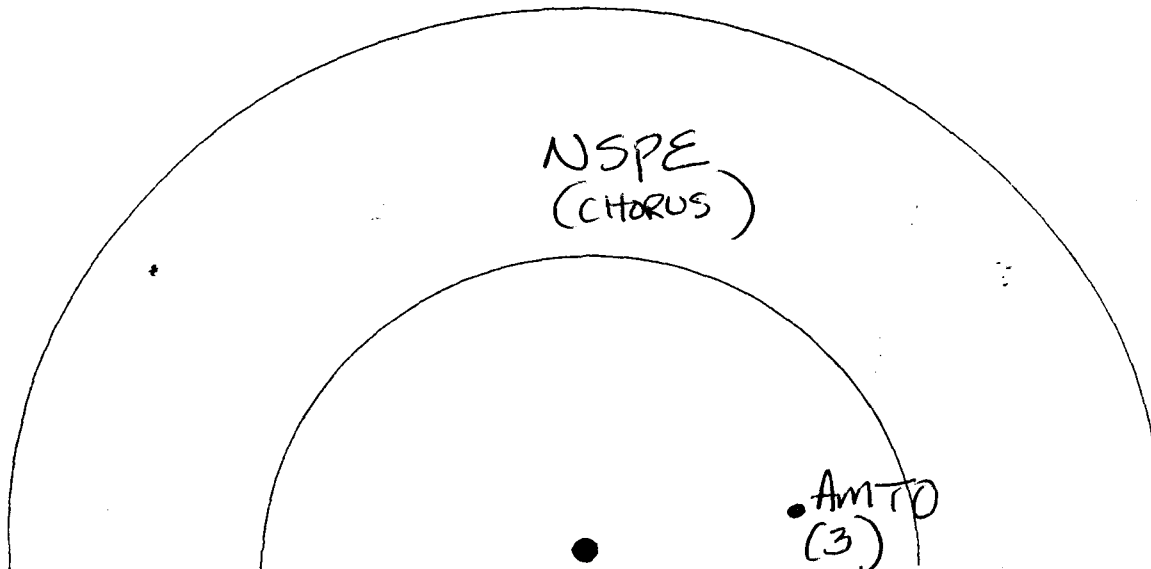
Date: 4/20/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 3 - BEALL POND

Survey Data

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

Comments:

1st AMTO'S heard this year



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 - MCFR

Date: 4/25/00 Survey Period: 1 (2) 3 4

Route:

Survivor:

STURM

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0830pm		2	0	None
Finish	0920pm		2	0	None

[illegible]

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

- *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 - NSPP
Bullfrog - BUFR
Mt.Chorus Frog - MCF

Anuran Call Count Survey Survey Point Field Map

Date: 4/25/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM

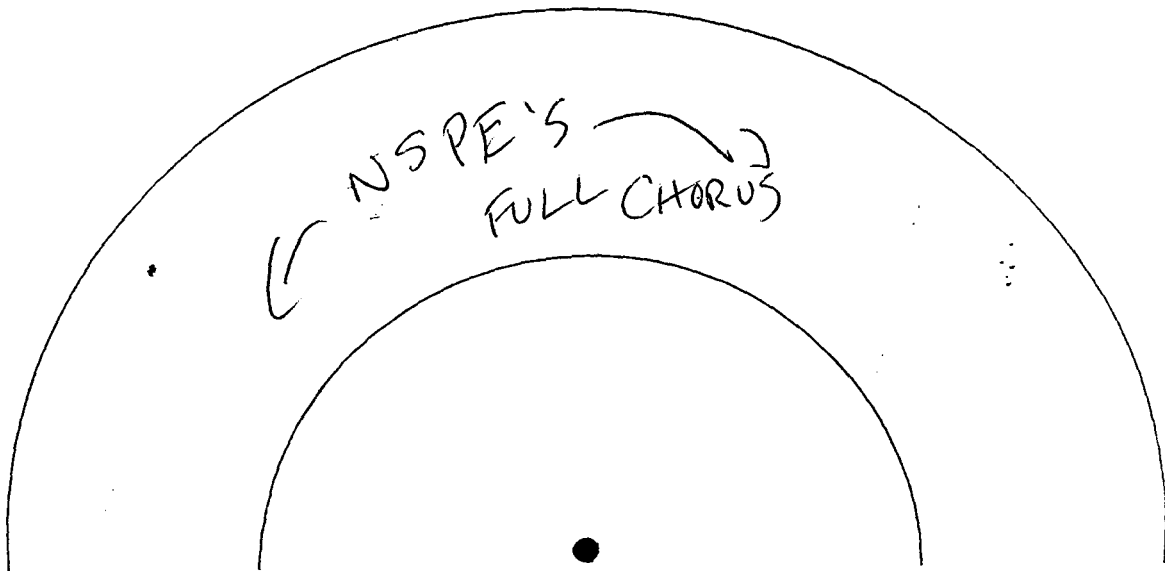
Survey Point Number: 7 FREELAND BEAVER POND

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0852		2	0	NONE
Finish	0856		2	0	NONE

Comments:

NSPE'S calling mainly from POND & Spruce/FIR TREES;
Some calling from Pasture across ROAD



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
Mr. Chorus Frog - MCF

Anuran Call Count Survey Survey Point Field Map

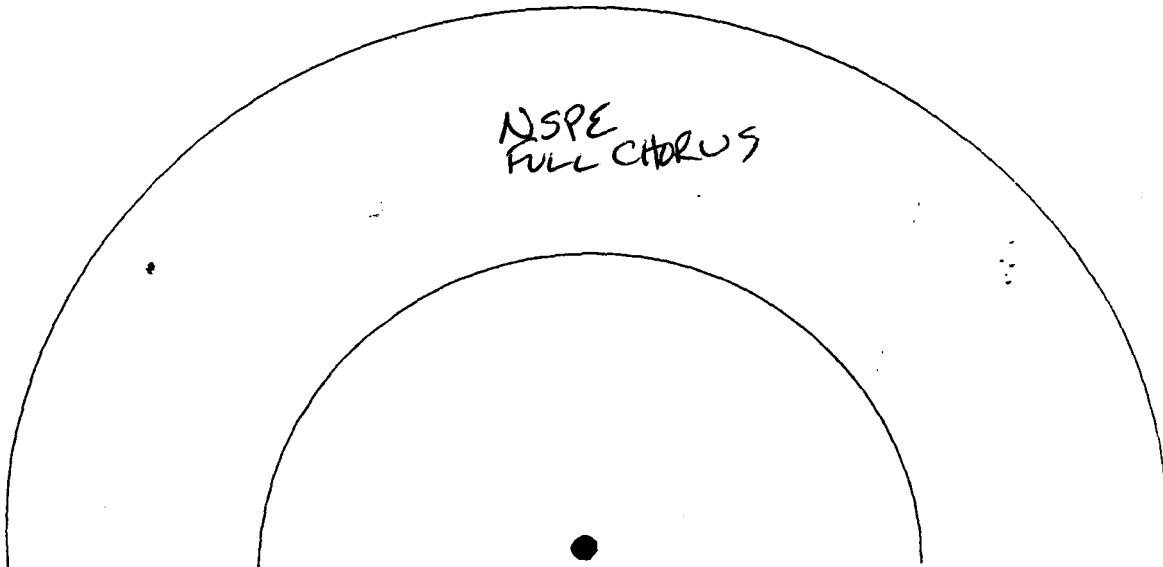
Date: 4/25/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM

Survey Point Number: 5 - Timberline Beaver Pond

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	<u>0909</u>		<u>2</u>	<u>0</u>	<u>NONE</u>
Finish	<u>0910 0913</u>		<u>2</u>	<u>0</u>	<u>NONE</u>

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 - NSPF
Bullfrog - BUFR
Mt. Chorus Frog - MCF

Anuran Call Count Survey Survey Point Field Map

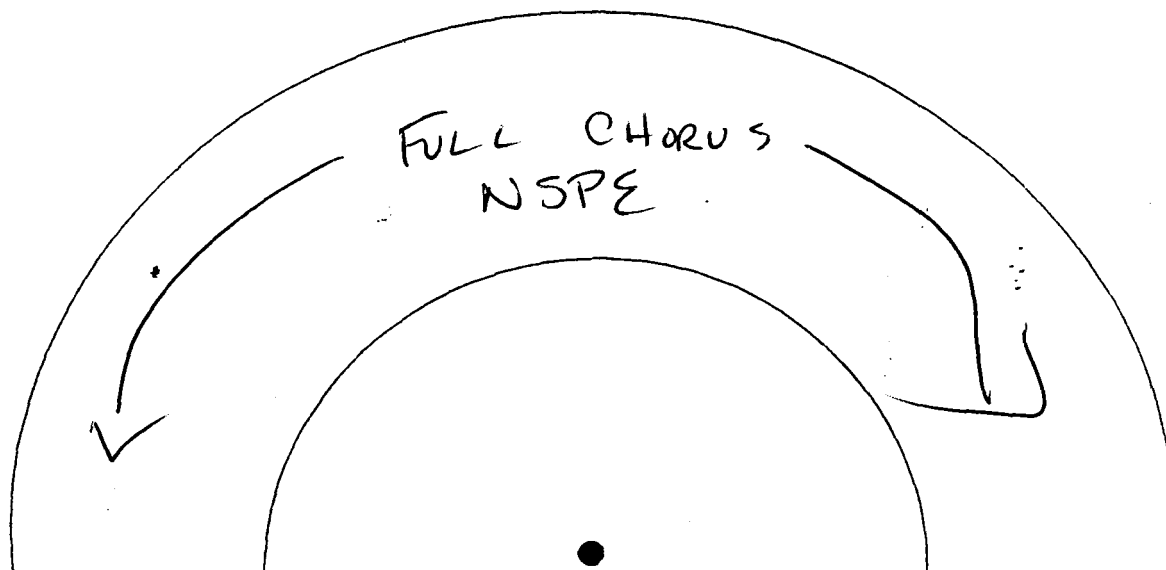
Date: 4/25/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM

Survey Point Number: 4 - Gypsy SHACK

Survey Data

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

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
*4 - Chorus Frog - MCFR

Anuran Call Count Survey Survey Point Field Map

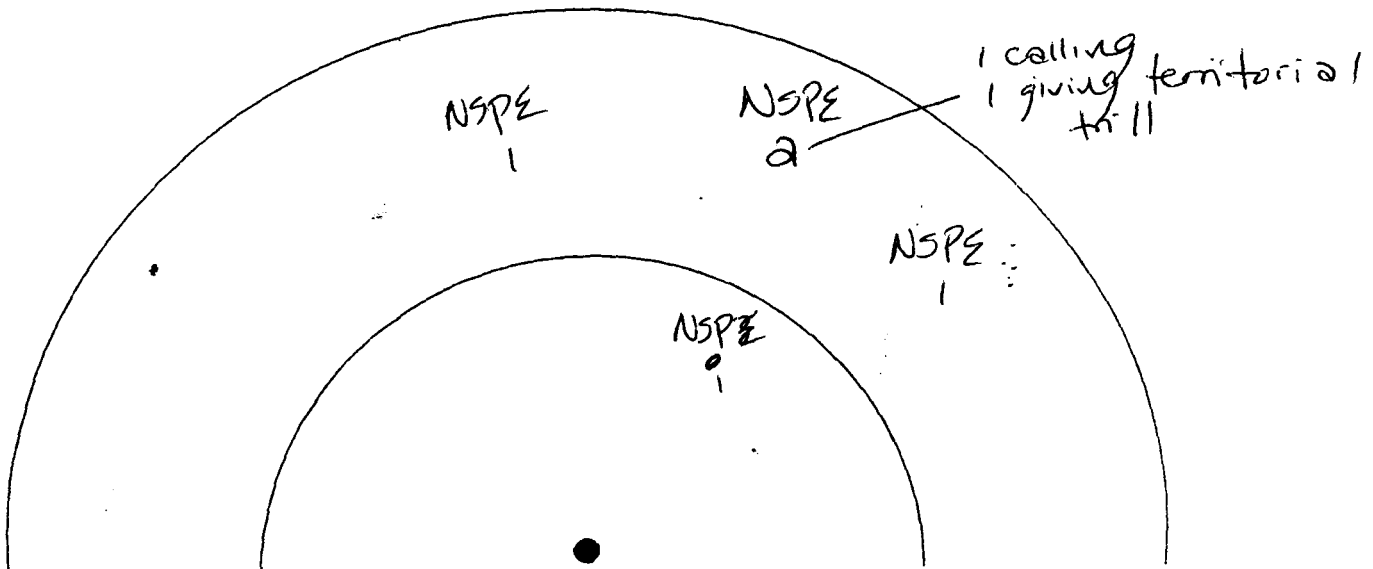
Date: 4/25/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STORM
Survey Point Number: 8 FR 80 Quarry

Survey Data

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

Comments:

A few territorial calls heard
5 calling 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.
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

Anuran Call Count Survey Survey Point Field Map

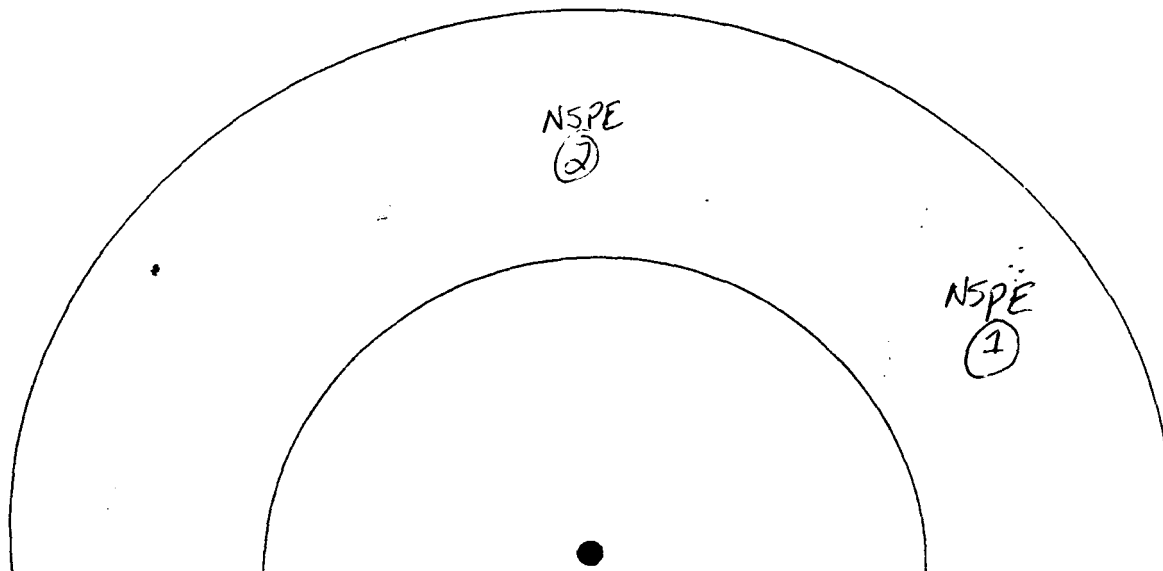
Date: 4/25/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM

Survey Point Number: 9 - FR 80 BOG

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0830		2	0	NONE
Finish	0834		2	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

Date: 5/2/00 Survey Period: 1 2 3 4

Route:

Surveyor:

STURM

RAIN Lost
night (5/1)

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0830		0	0	NONE
Finish	0935		0	0	NONE

[illegible]

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

- *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 - NSPP
Bullfrog - BUFR
Mt.Chorus Frog - MCF

Anuran Call Count Survey Survey Point Field Map

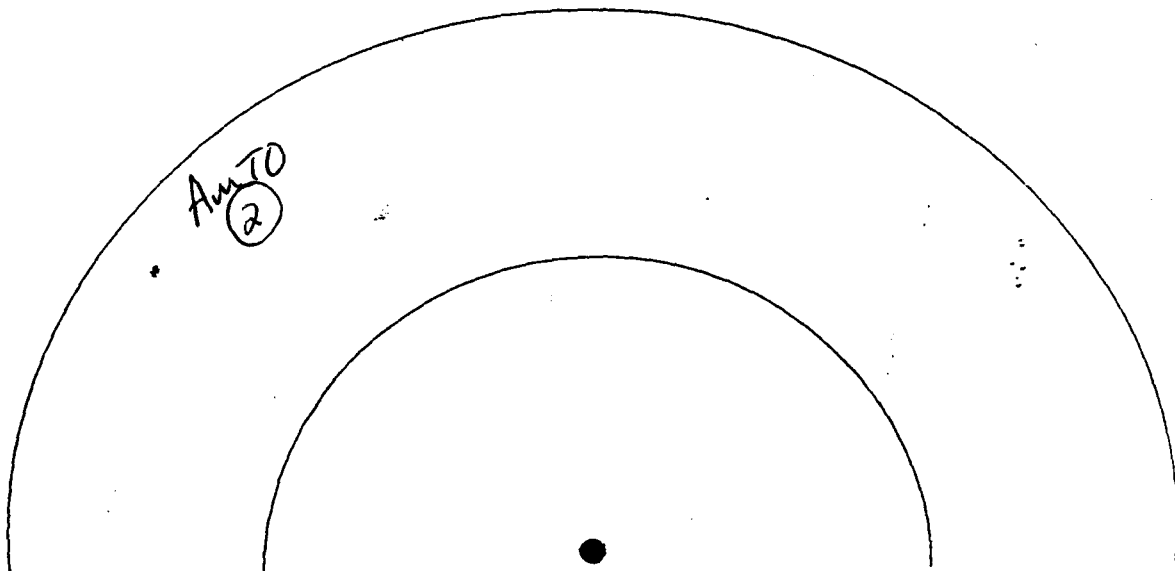
Date: 5/2/00 Survey Period: 1 2 3 4 Route: Timberline Rd. Surveyor: _____

Survey Point Number: _____

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0921		0	0	NONE
Finish	0925		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.
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 - NSPP
Bullfrog - BUFR

Anuran Call Count Survey Survey Point Field Map

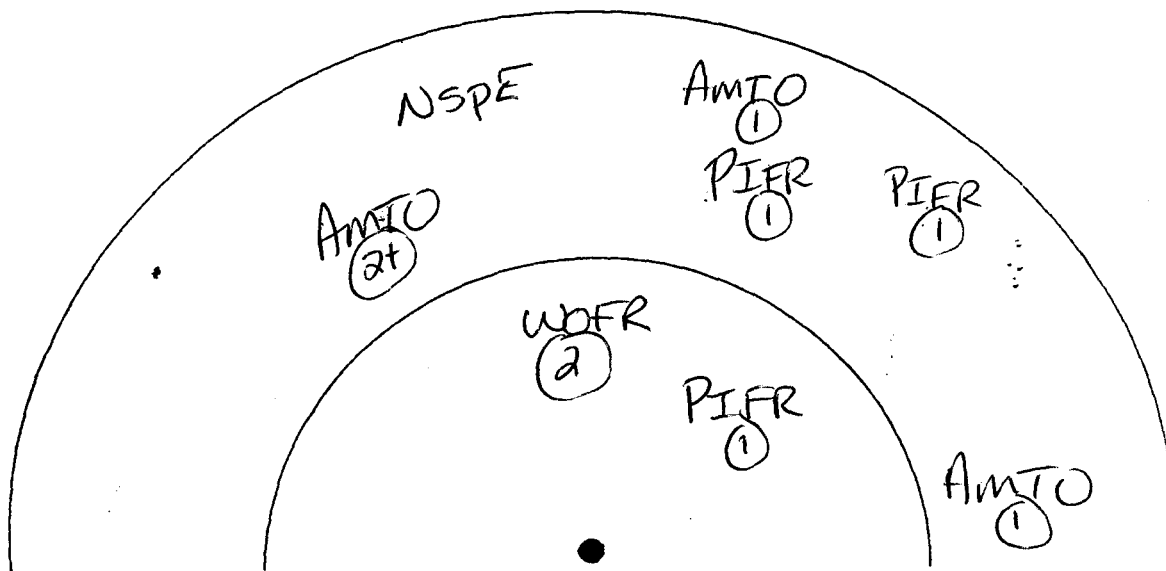
Date: 5/2/00 Survey Period: 1 2 3 4 Route: Timberline Surveyor: STURM
Survey Point Number: 5 - Timberline

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start 0	0915		0	1	0
Finish	0919		0	1	0

Comments:

Snipe Calling (2)



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
Chorus Frog - MCF

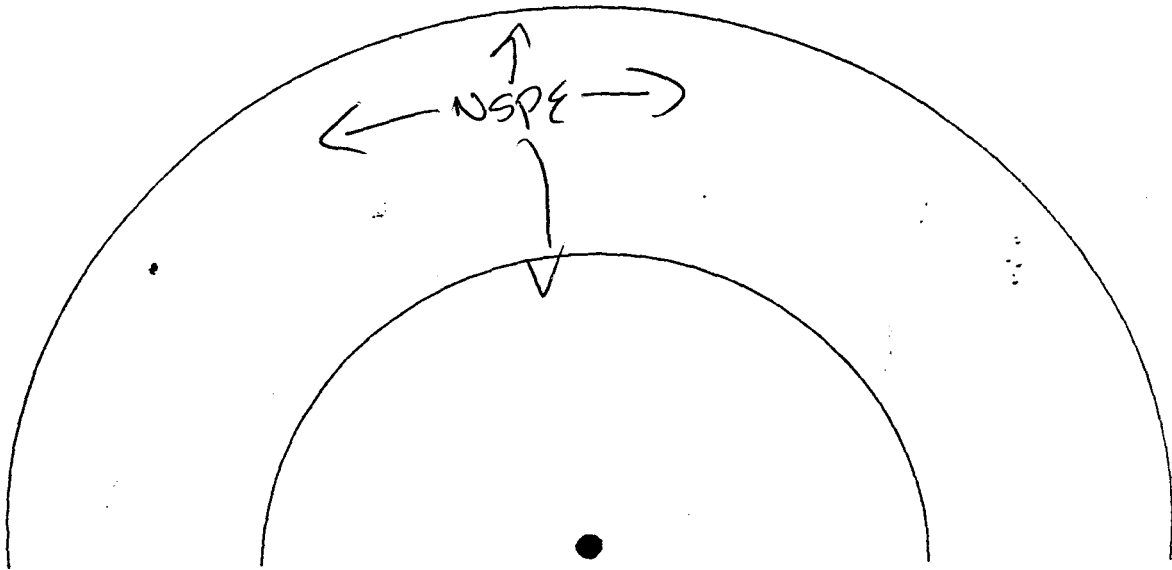
Anuran Call Count Survey Survey Point Field Map

Date: 5/2/00 Survey Period: 1 2 3 4 Route: FREELAND Surveyor: STORM
Survey Point Number: 7

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0931		0	0	NONE
Finish	0935		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.
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 - NSP
Bullfrog - BUFR
Mt. Chorus Frog - MCF

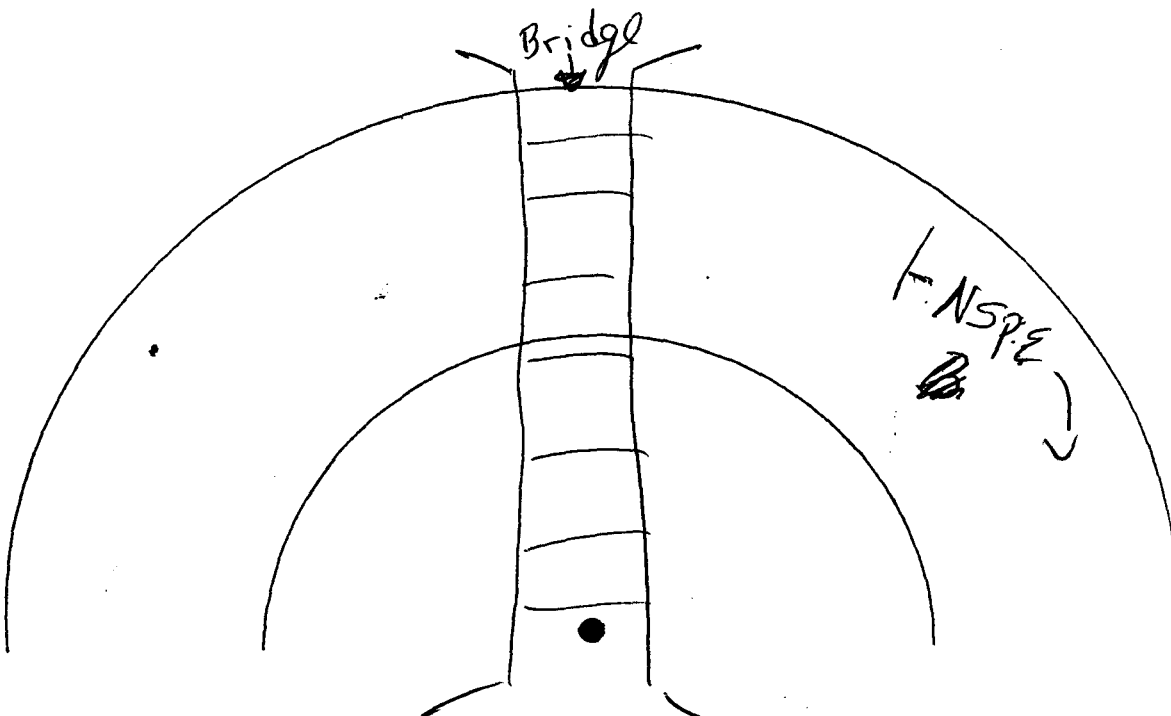
Anuran Call Count Survey Survey Point Field Map

Date: 5/2/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STORM
Survey Point Number: 2 BEALL Bridge / Blockwater

Survey Data

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

Comments: ALL Peepers calling from up stream ~100yds
Am. woodcock 'peenting' & displaying



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 - NSP
Bullfrog - BUFR
Cane Toad - CANTO

Anuran Call Count Survey Survey Point Field Map

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

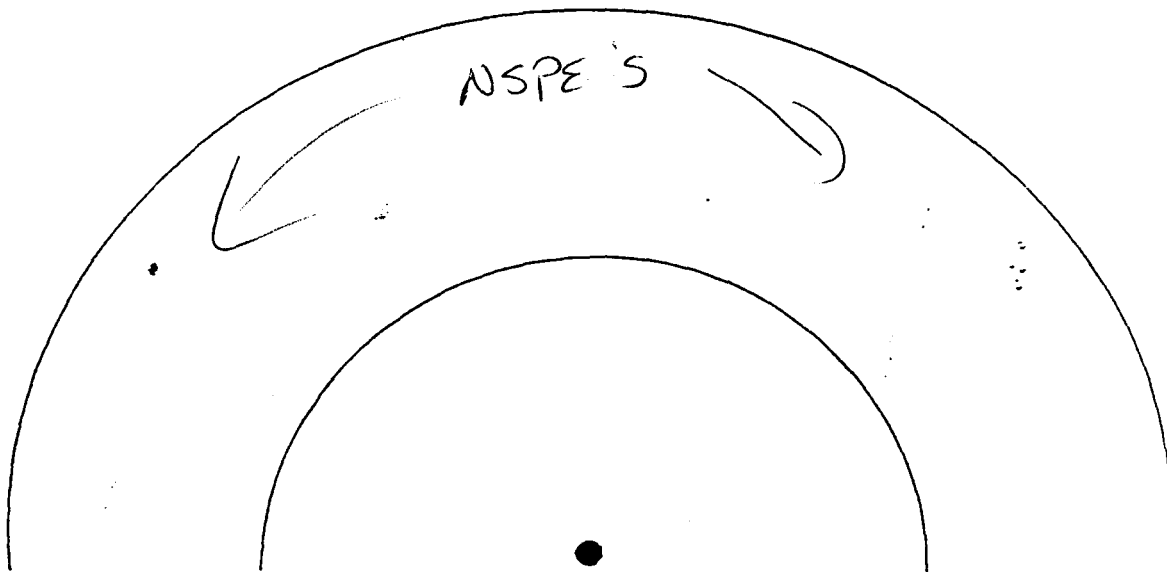
Survey Point Number: 1 Beall Bog

Survey Data

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

Comments:

Chorus distant - @ west END (up slope)
of wet meadow / BARN
woodcock displaying



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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*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 - NSPP
Bullfrog - BUFR
M. Chorus Frog - MCFR

Anuran Call Count Survey Survey Point Field Map

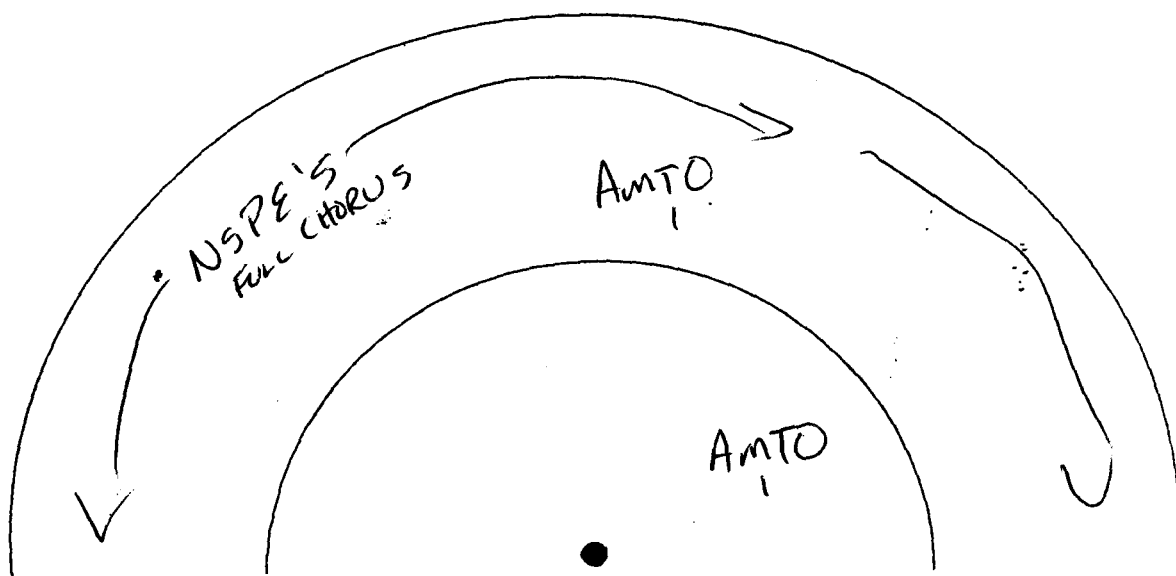
Date: 5/2/00 Survey Period: 1 2 3 4 Route: Timberline Surveyor: STURM
Survey Point Number: 4

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0906		0	1	0
Finish	0910		0	1	0

Comments:

Peenting' Am woodcock



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

Anuran Call Count Survey Survey Point Field Map

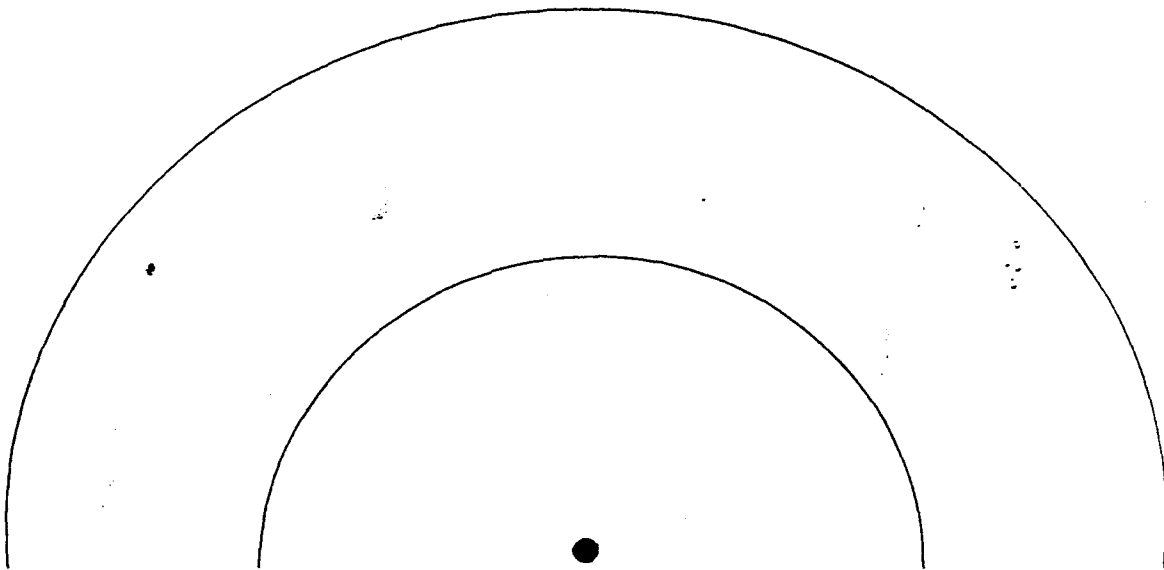
Date: 5/2/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 3 Beall Farm Pond

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	852		0	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. 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.

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
Chorus Frog - MCF

Date: 5/23/00 Survey Period: 1 2 3 4

Survivor

STORM

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0815		2	3	None
Finish	0920		2	4-5	RAIN

THUNDER STORMS

[illegible]

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

- *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
Mt.Chorus Frog - MCF

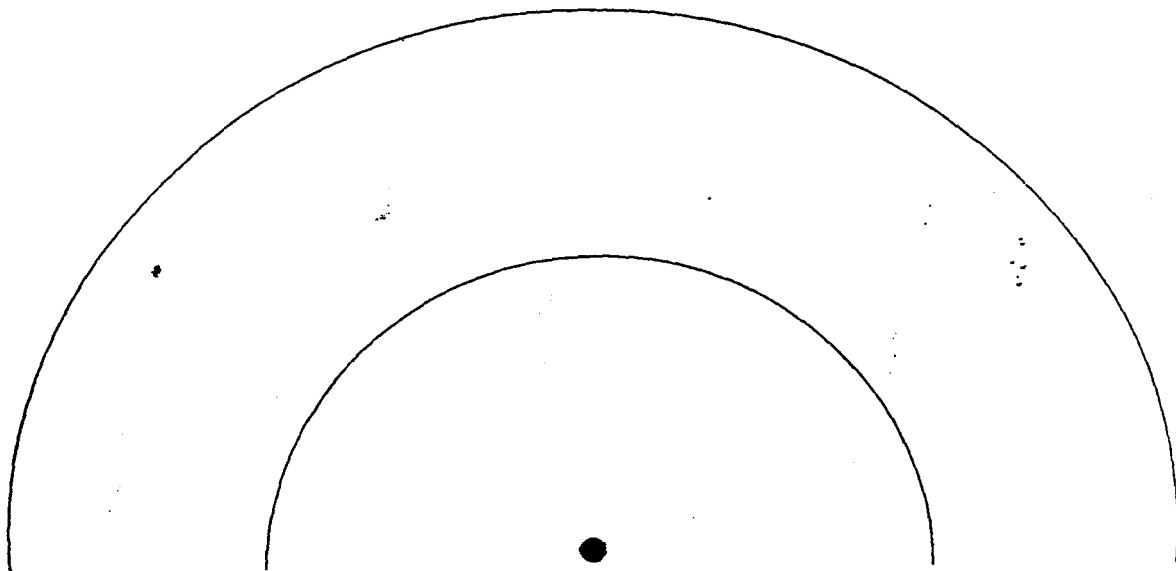
Anuran Call Count Survey Survey Point Field Map

Date: 5/23/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 4

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: 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 - NSPP
Bullfrog - BUFR

Anuran Call Count Survey Survey Point Field Map

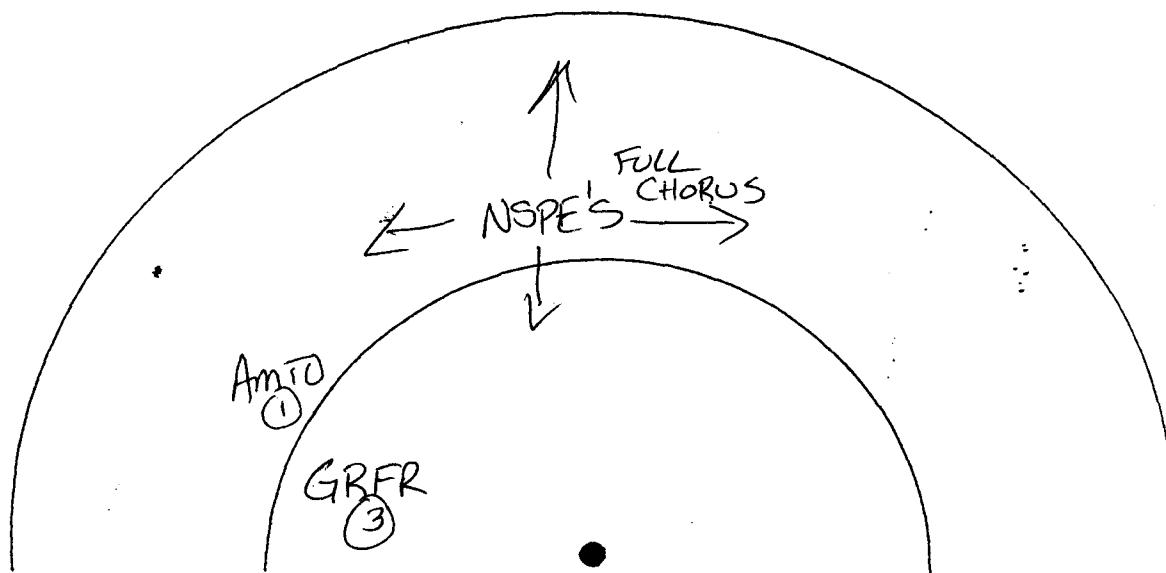
Date: 5/23/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STORM
Survey Point Number: 5

Survey Data

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

Light drizzle

Comments: Am. Woodcock 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.
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

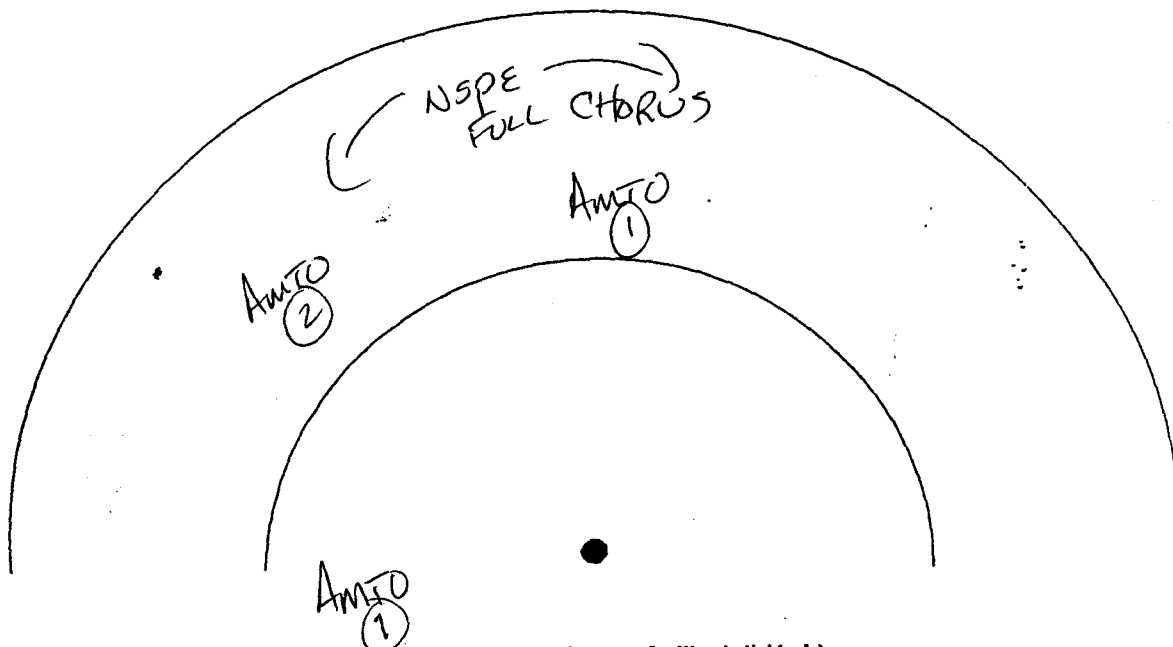
Anuran Call Count Survey Survey Point Field Map

Date: 5/23/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STORM
Survey Point Number: 6

Survey Data

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

Comments: woodcock peenting, snipe winnoing
WC - III
Snipe - I



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

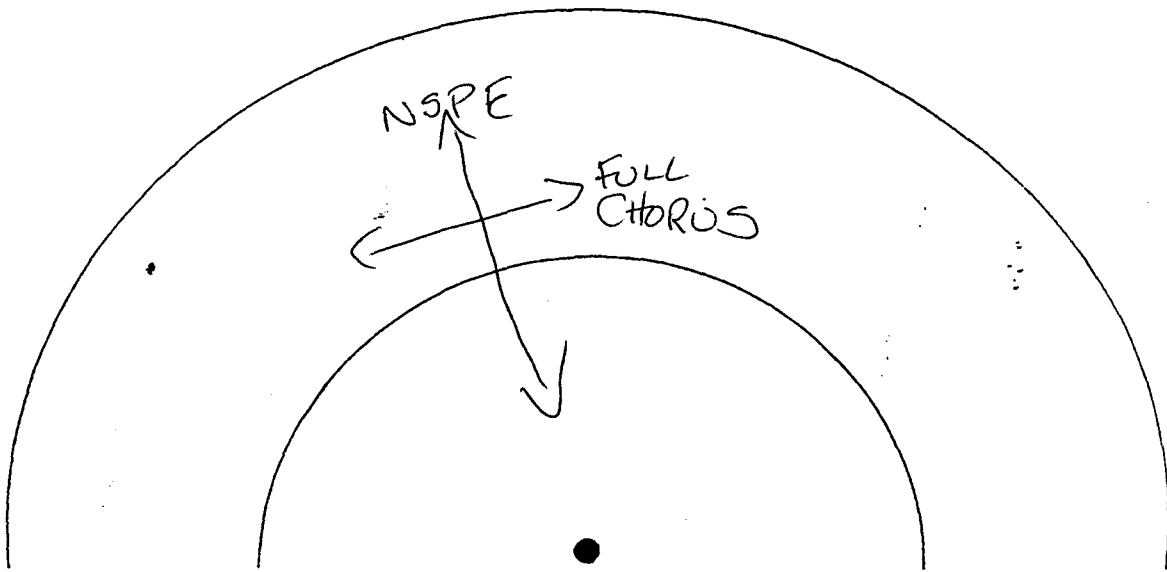
Anuran Call Count Survey Survey Point Field Map

Date: 5/23/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STORM
 Survey Point Number: 7 (Freeland BEAVER POND)

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0846		2	3	NONE
Finish	0851		2	3	NONE

Comments: Common yellowthroat, Song Sparrow, CANADA Geese



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.
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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 - NSPE
 Bullfrog - BUFR
 Mt. Chorus Frog - MCFR

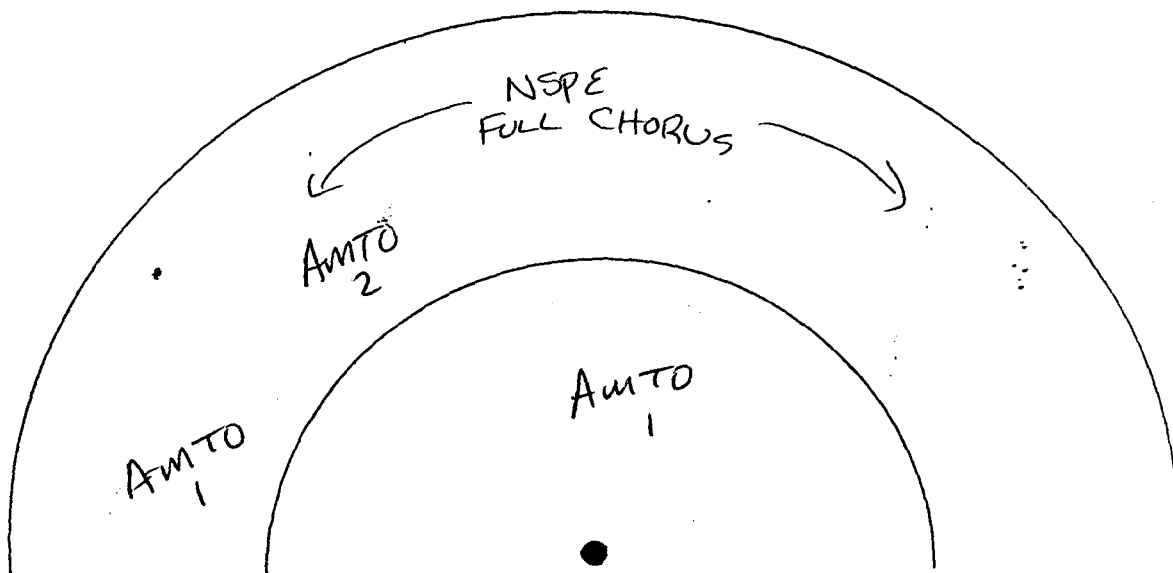
Anuran Call Count Survey Survey Point Field Map

Date: 5/23/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 8 (Quarry Pools)

Survey Data

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

Comments: VERY calling nearby



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

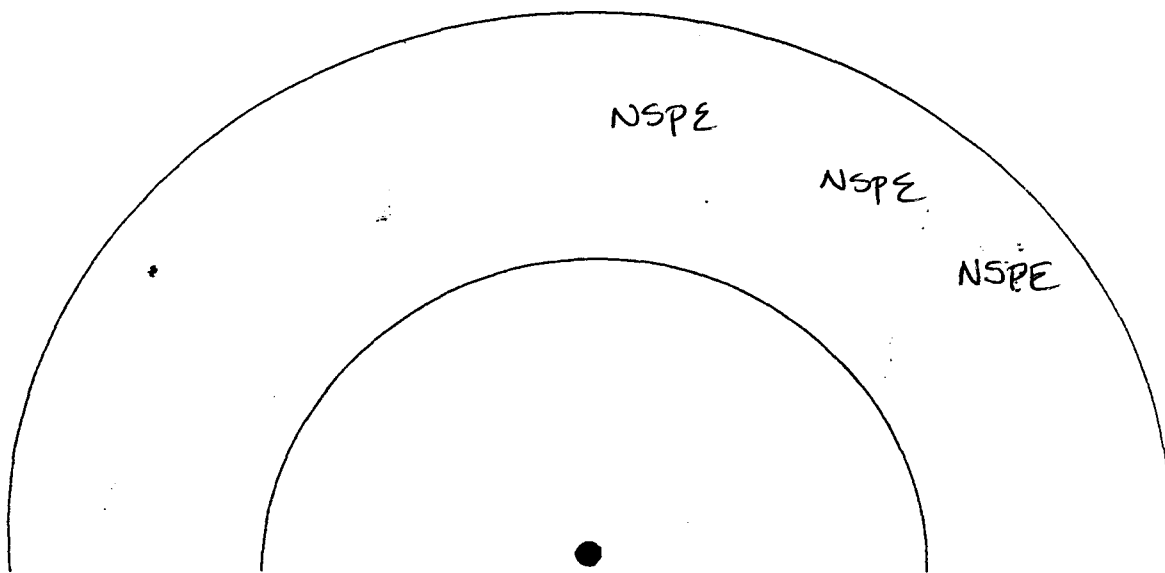
Anuran Call Count Survey Survey Point Field Map

Date: 5/23/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STORM
Survey Point Number: 9 (Bog Pools)

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start			2	3	Fog in morning
Finish			2		NONE now

Comments: AM. TOAD Eggs (2 masses) present in 1 pool
Several Hermit thrushes calling continuously
ovenbird, Junco, blk-thr. green warbler.



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 - NSP
Bullfrog - BUFR
Chorus Frog - MCF

Date: 5/31/00 Survey Period: 1 2(3) 4 Route: _____ Surveyor: STURM

[illegible]

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

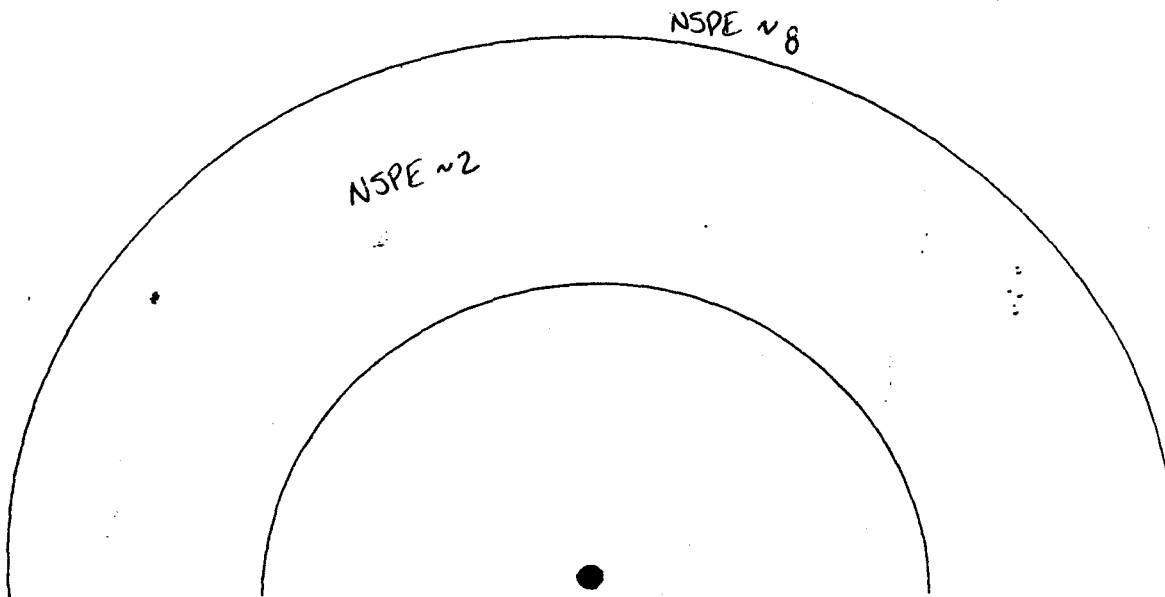
Anuran Call Count Survey Survey Point Field Map

Date: 5/31/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STORM
 Survey Point Number: 1 BEALL BCG

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0850	67°	0	0	NONE
Finish	0854	67°	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.
 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
 M.Chorus Frog - MCFR

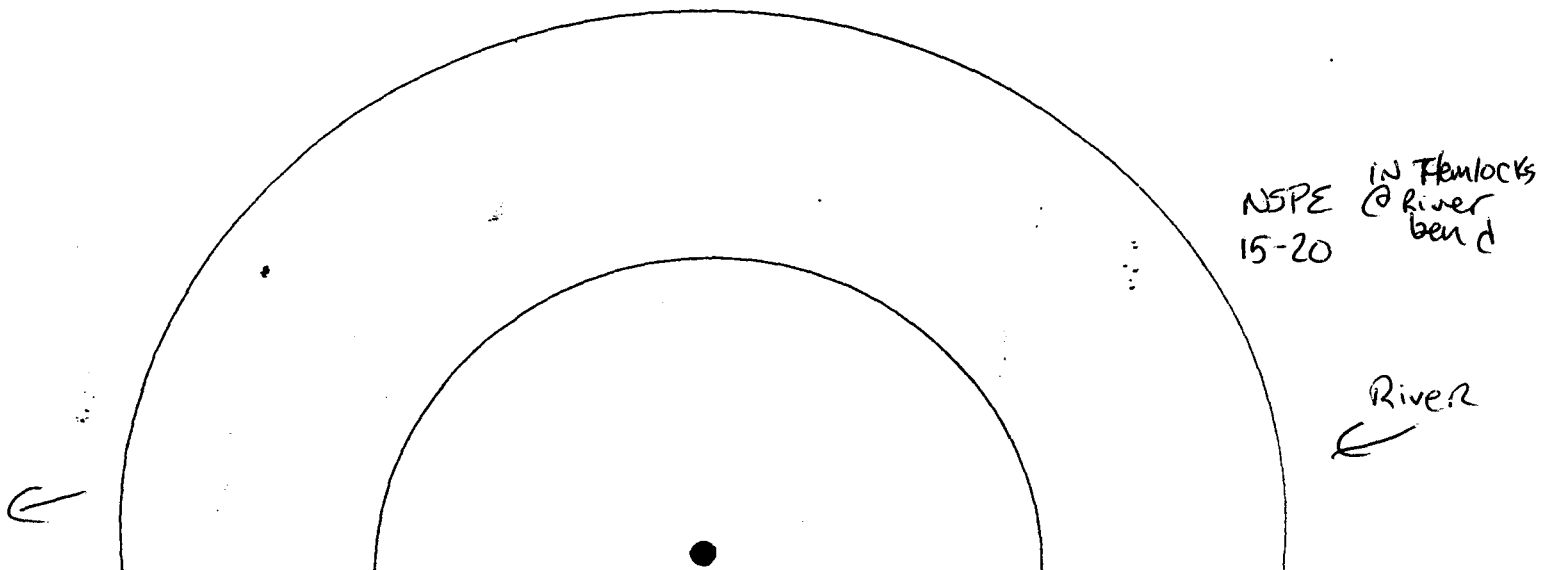
Anuran Call Count Survey Survey Point Field Map

Date: 5/31/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: Sturm
Survey Point Number: 2 Blackwater Bridge

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0900	67°	0	0	NONE
Finish	904	67°	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.
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

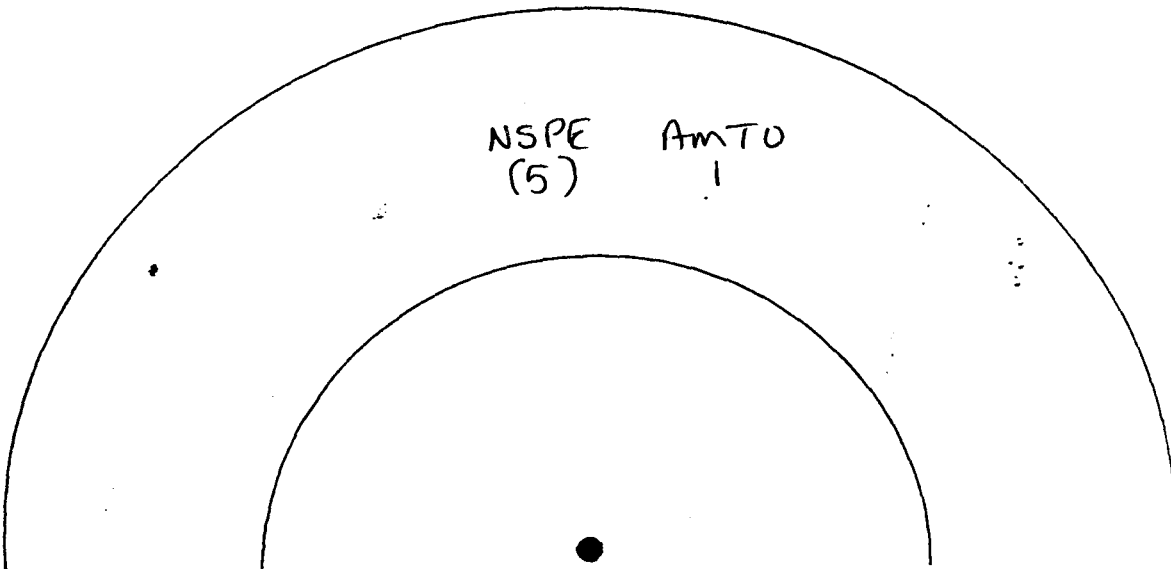
Anuran Call Count Survey Survey Point Field Map

Date: 5/31/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: ~~2~~ 3 BEALL FARM POND

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0914	66°	0	0	NONE
Finish	0918	66°	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.
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 - NSPP
Bullfrog - BUFR
Cane Toad - CANT

Anuran Call Count Survey Survey Point Field Map

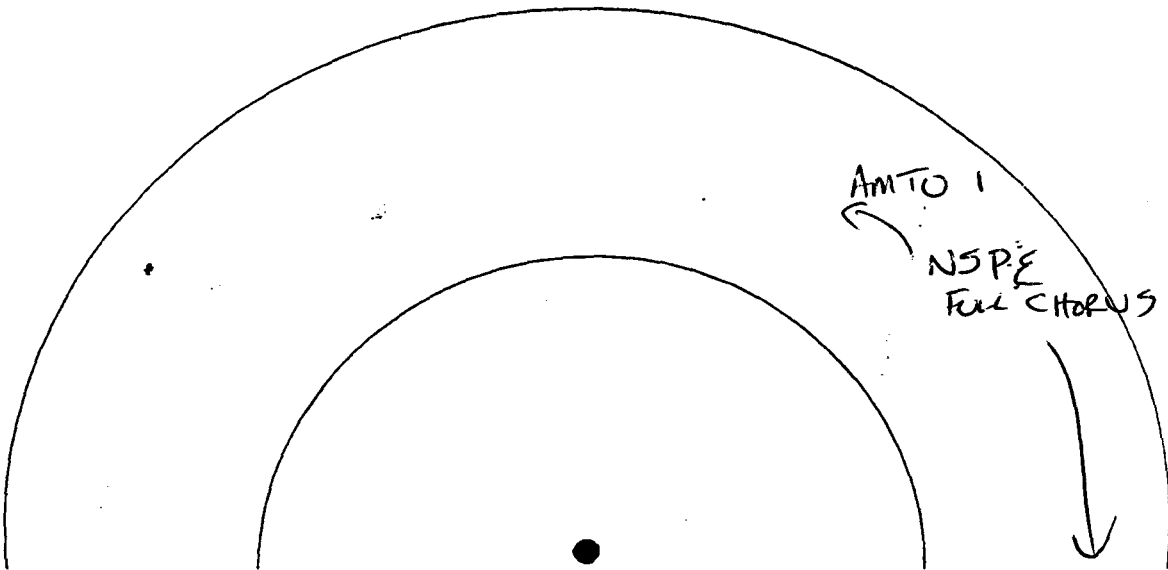
Date: 5/17/10 Survey Period: 1 2 3 4 Route: _____ Surveyor: STORM
Survey Point Number: 4 Gypsy Shadic

Survey Data

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

Comments:

Green Frogs Heard on OTHER Side of Bridge



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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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
Giant Frog - MGR

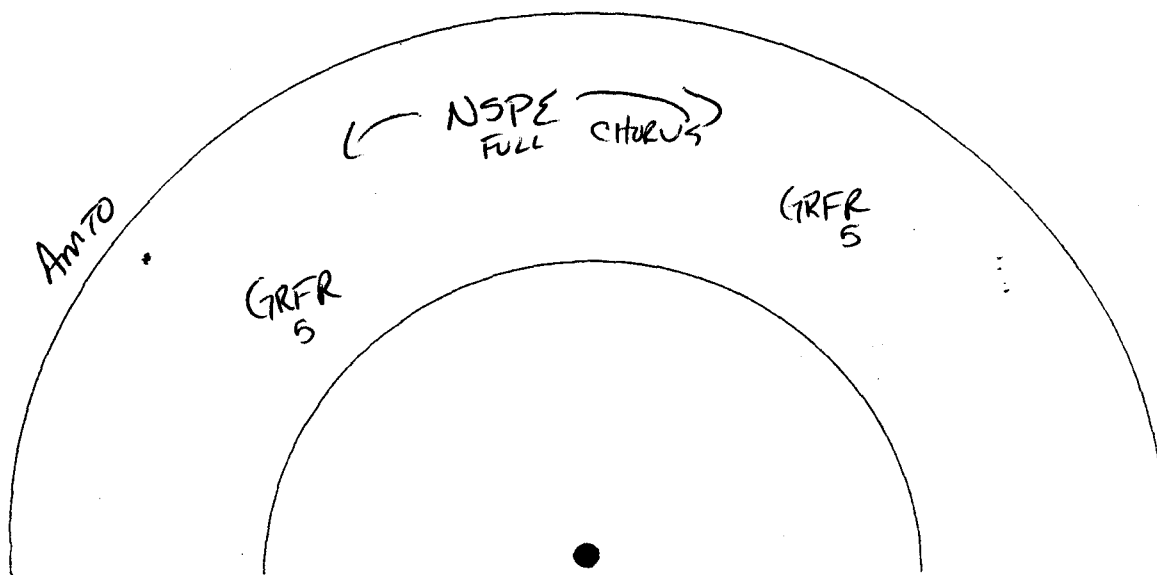
Anuran Call Count Survey Survey Point Field Map

Date: 5/31/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
 Survey Point Number: 5 Timberline BEAVER Pond

Survey Data

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

Comments:



AMTO

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.

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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
 Mt.Chorus Frog - MCF

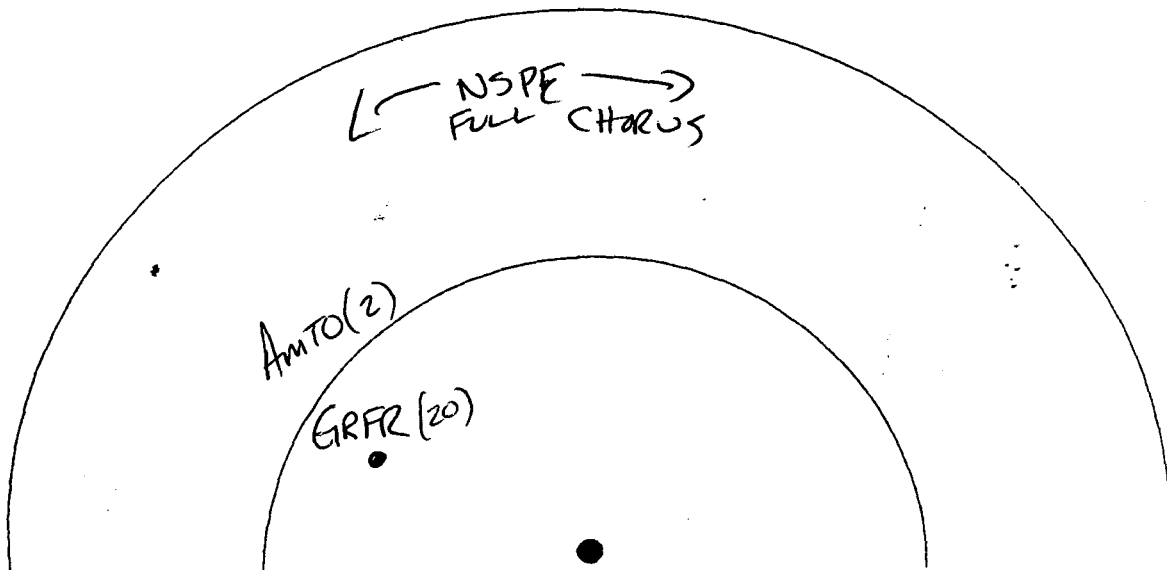
Anuran Call Count Survey Survey Point Field Map

Date: 5/31/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 6 Idleman's Run

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0933	65°	0	0	NONE
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.
2 - Wind felt on face, leaves rustle.
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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 - NSPE
Bullfrog - BUFR
Mt. Chorus Frog - MCF

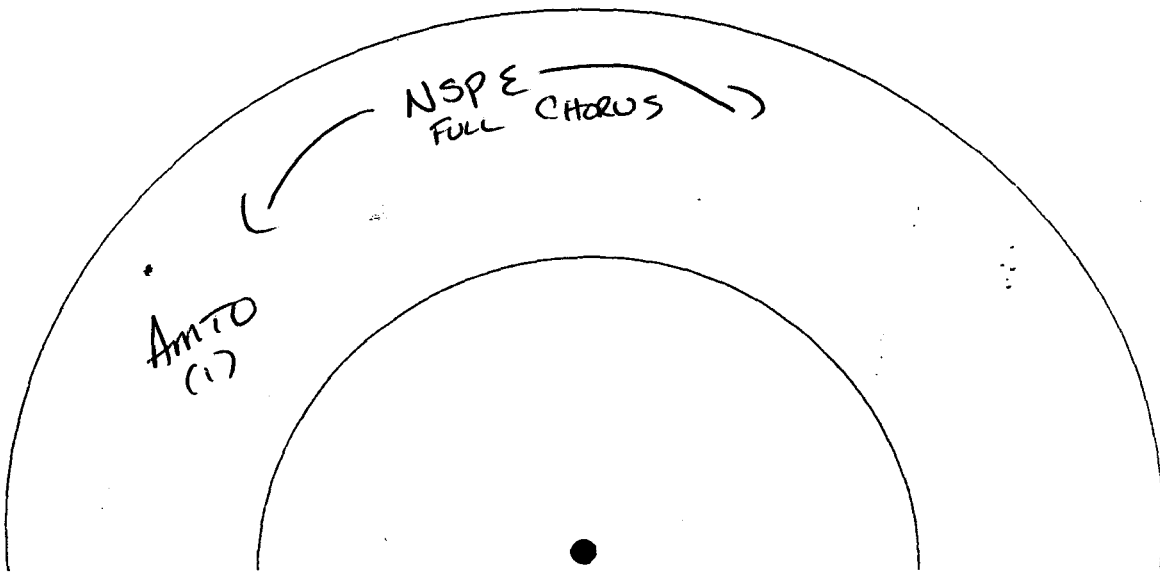
Anuran Call Count Survey Survey Point Field Map

Date: 5/31/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 7 Freeland Pond

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1000	62°	0	0	NONE
Finish	1004	61°	0	0	NONE

Comments: DEER splashing around in beaver 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.
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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 - MCFR

Anuran Call Count Survey Survey Point Field Map

Date: _____ Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM

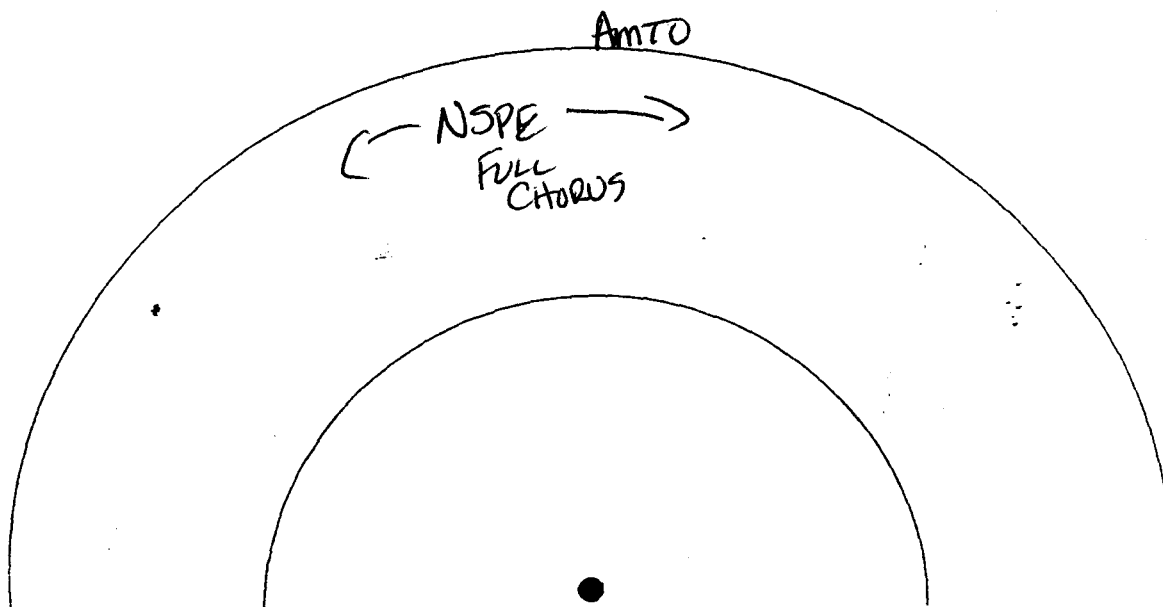
Survey Point Number: 8 Gray Pools

Survey Data

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

Comments:

Possible
Green FROG, ONLY heard 1 'glug'



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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*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

Anuran Call Count Survey Survey Point Field Map

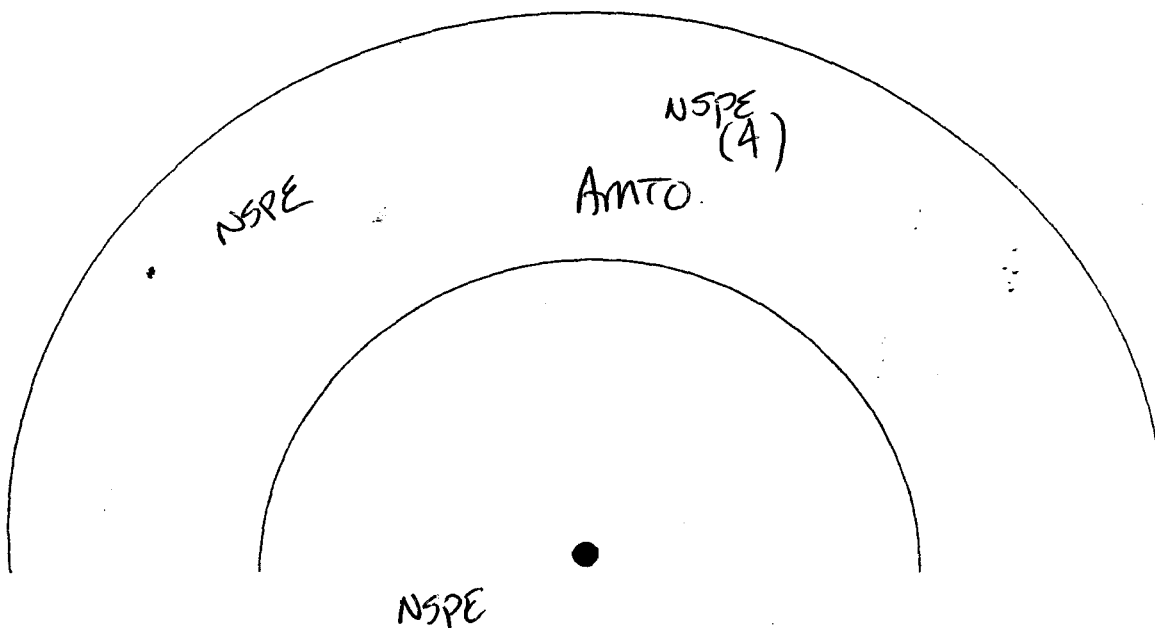
Date: 5/31/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 9 FR 80 BOC POOLS

Survey Data

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

Comments:

AmTo - call was higher than normal



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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*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

Survey Period Data Sheet

Date: 6/13/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM

Date: _____

Survey Period: 1 2 3 4

Route:

Survivor

STURM

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0903	76°	2	0	NONE
Finish	1035	73°	2	0-1	NONE

[illegible]

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

- *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
Mt.Chorus Frog - MCF

Anuran Call Count Survey Survey Point Field Map

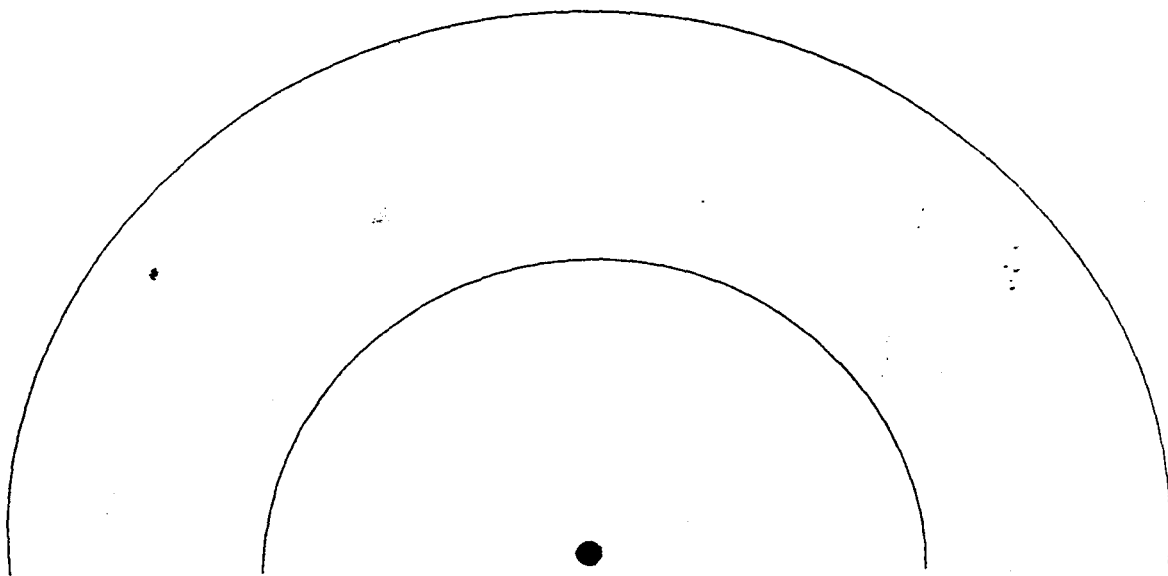
Date: 6/13/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 1

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1031	73°	2	0	NONE
Finish	1035	73°	2	0	NONE

Comments:

ALL Quiet



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.

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*5 - Small trees in leaf begin to sway, crested wavelets.
*6 - Large branches in motion.
* = Unacceptable wind strengths for survey.

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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

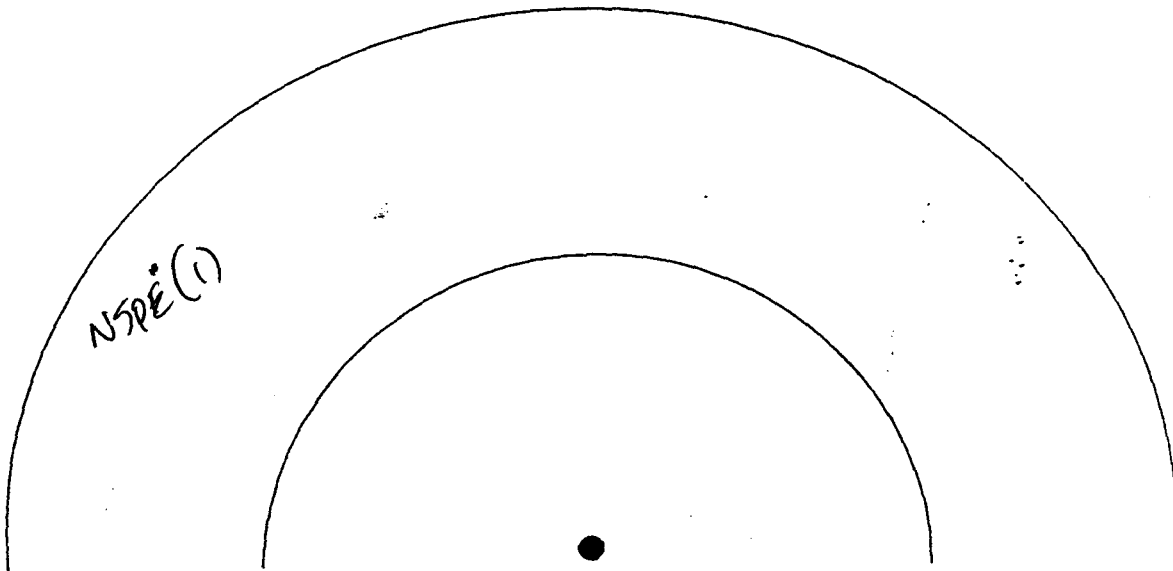
Anuran Call Count Survey Survey Point Field Map

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

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1021	74°	2	0	NONE
Finish	1025	74°	2	0	NONE

Comments: PICKEREL FROG FOUND ON ROAD before bridge



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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*6 - Large branches in motion.
* = Unacceptable wind strengths for survey.

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

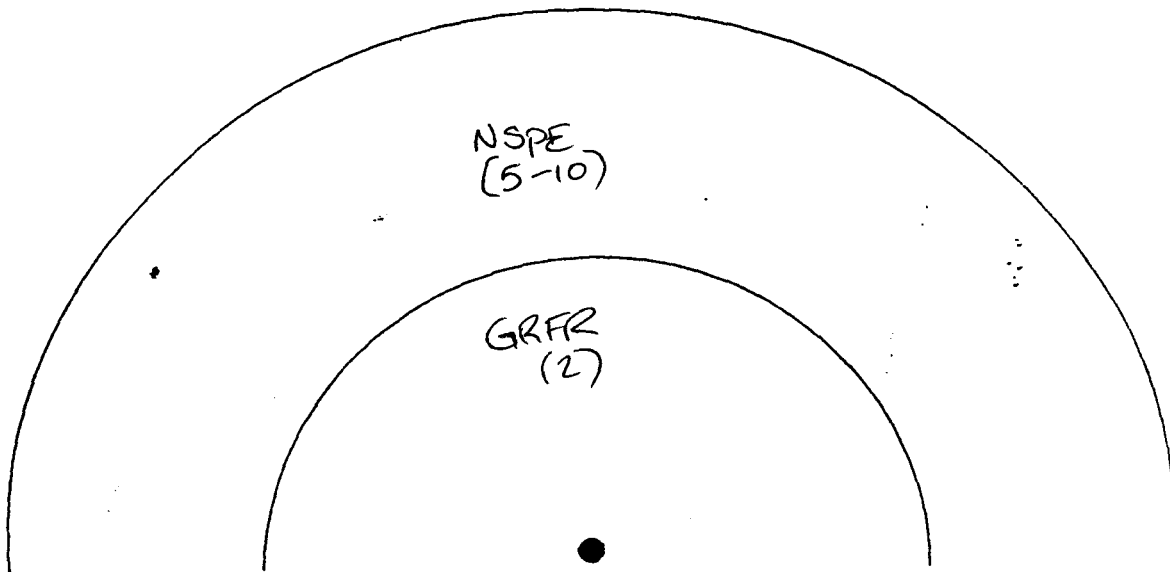
Anuran Call Count Survey Survey Point Field Map

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

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1010	72°	2	1	NONE
Finish	1014	72°	2	1	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 - NSP
Bullfrog - BUFR
Chorus Frog - MCF

Anuran Call Count Survey Survey Point Field Map

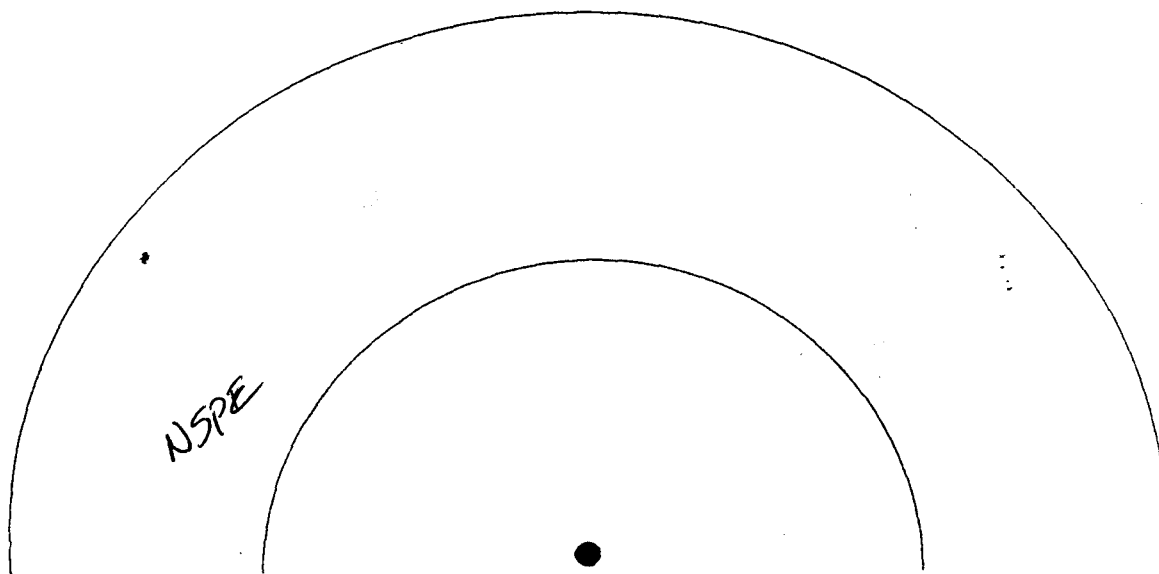
Date: 6/13/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM

Survey Point Number: 4

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0952	73°	2	0	NONE
Finish	0956	73°	2	1	NONE

Comments: SAME trill ('brrrrr') heard here as on Freeland pond
↳ GRAY Tree FROG



Call Index Value: 1 - Calls can be counted, no overlapping (actual count of calling individuals).
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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.
2 - Wind felt on face, leaves rustle.
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*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

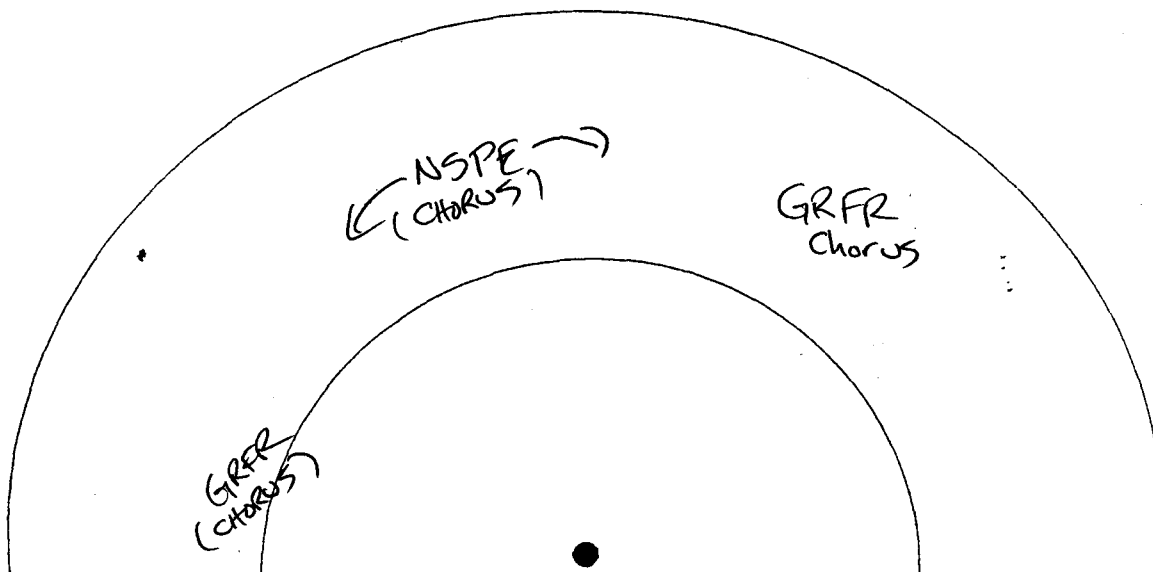
Anuran Call Count Survey Survey Point Field Map

Date: 6/13/00 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	74°	2	1	NONE
Finish	0950	74°	2	1	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
Cane Toad - CETO

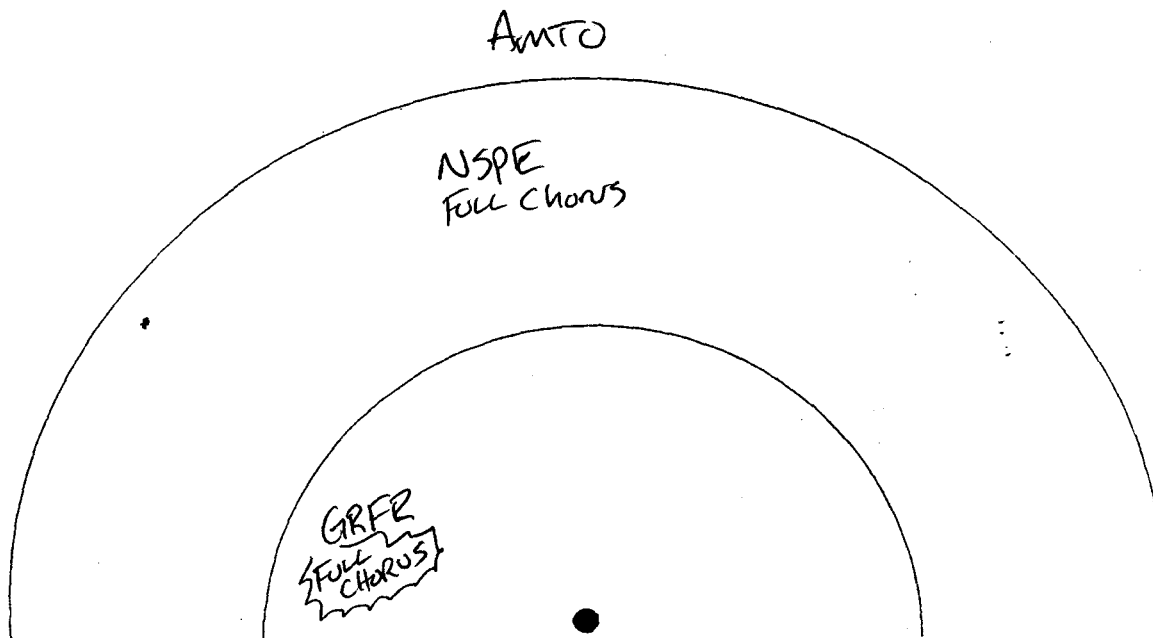
Anuran Call Count Survey Survey Point Field Map

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	73°	2	1	NONE
Finish	0943	73°	2	1	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 - MCFR

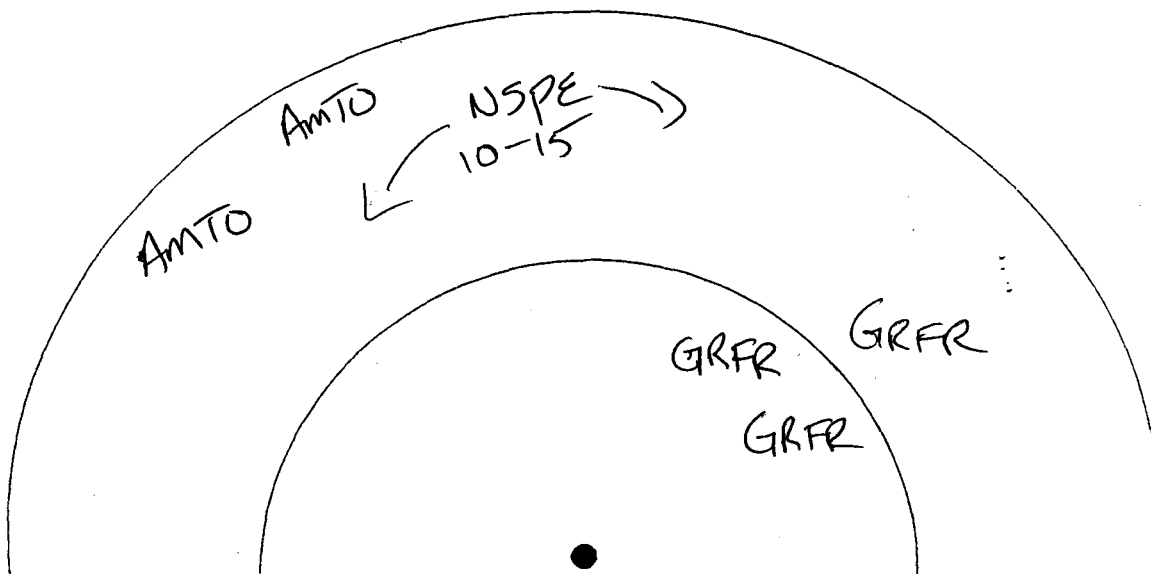
Anuran Call Count Survey Survey Point Field Map

Date: 6/13/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 7

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	0926	74°	2	1	NONE
Finish	0930	73°	2	1	NONE

Comments: Calling in field across Rd - slow trail 'brrr'
→ GRAY Tree FROG (1st this year)
Kelly Warren (WVU Grad student) FOUND a GRAT @ DAVIS SHOPPING MART
Last month



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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3 - Gentle breeze, leaves and small twigs in motion.
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*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

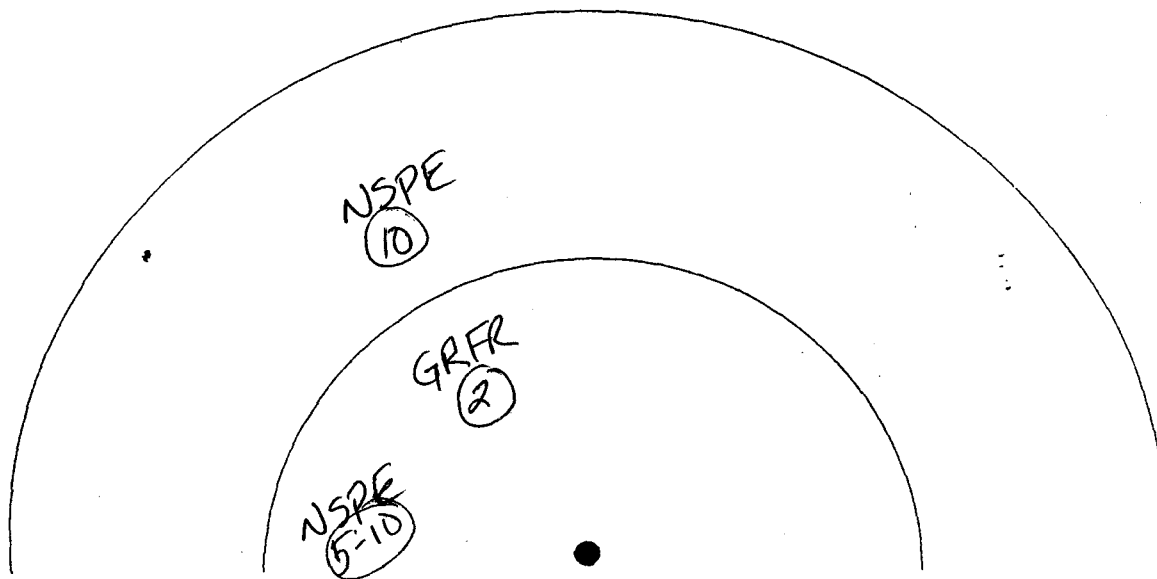
Anuran Call Count Survey Survey Point Field Map

Date: 6/13/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 8

Survey Data

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

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*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 - NSPI
Bullfrog - BUFR
Mt. Chorus Frog - MCF

Anuran Call Count Survey Survey Point Field Map

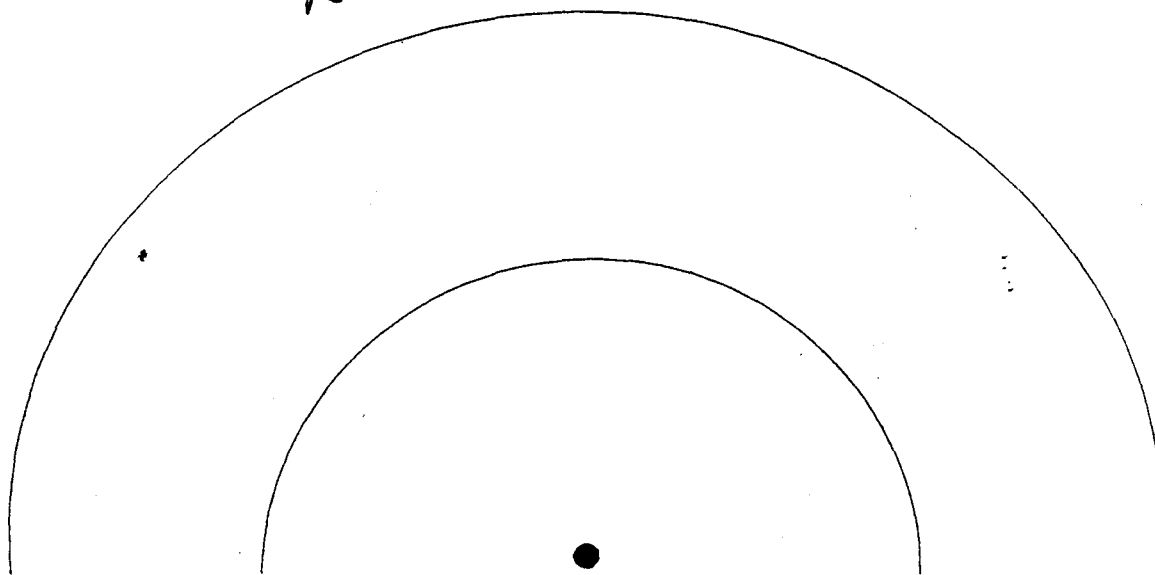
Date: 6/13/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 9

Survey Data

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

Comments: Pools have dried up considerably
LOTS OF tadpoles still present

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.
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 - MCFL

Date: 6/26/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STORM

Surveyor: STOKER

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

Anuran Call Count Survey Survey Point Field Map

Date: 6/26/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM

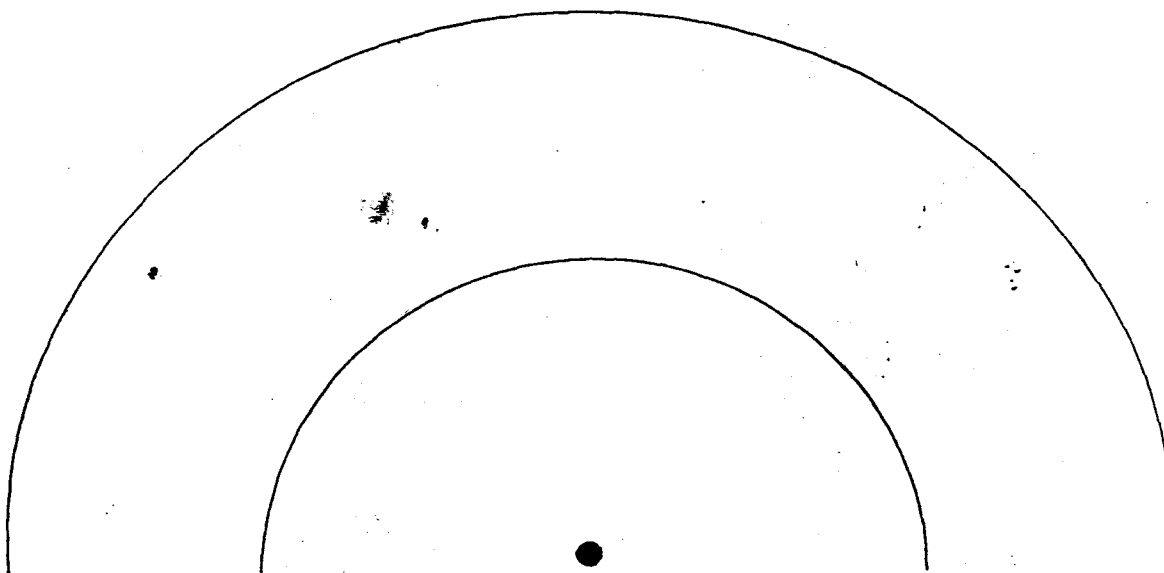
Survey Point Number: 1

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1102	58	0	1	NONE
Finish	1106	57.6	0	1	NONE

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.
1 - Light air movement, smoke drifts.
2 - Wind felt on face, leaves rustle.
3 - Gentle breeze, leaves and small twigs in motion.
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*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

Anuran Call Count Survey Survey Point Field Map

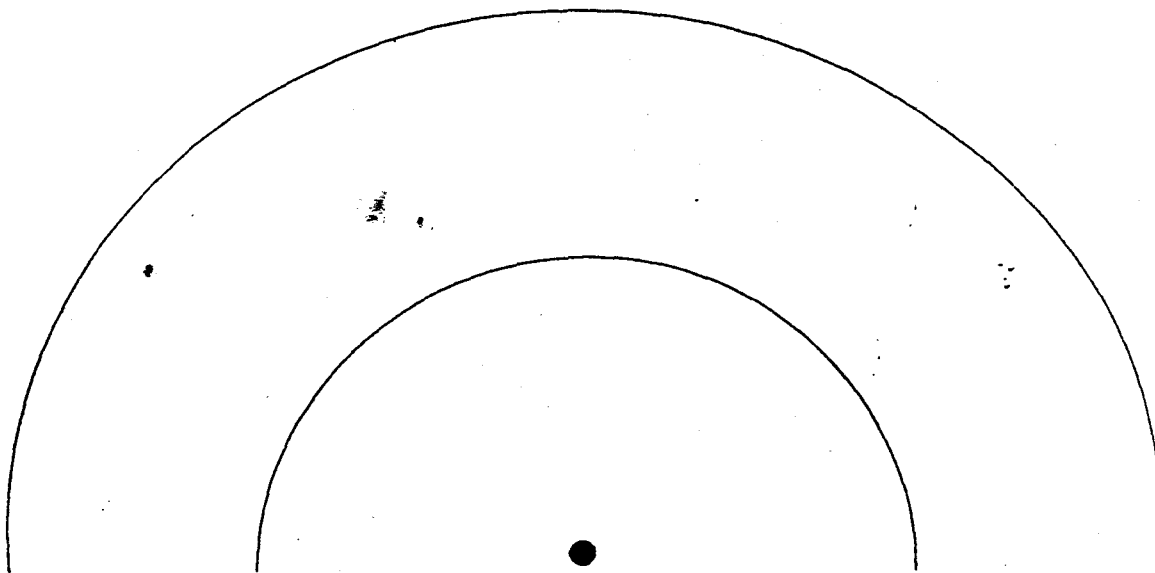
Date: 6/26/04 Survey Period: 1 2 3 4 Route: _____ Surveyor: STUBIN

Survey Point Number: 2

Survey Data

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

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 - MCFR

Anuran Call Count Survey Survey Point Field Map

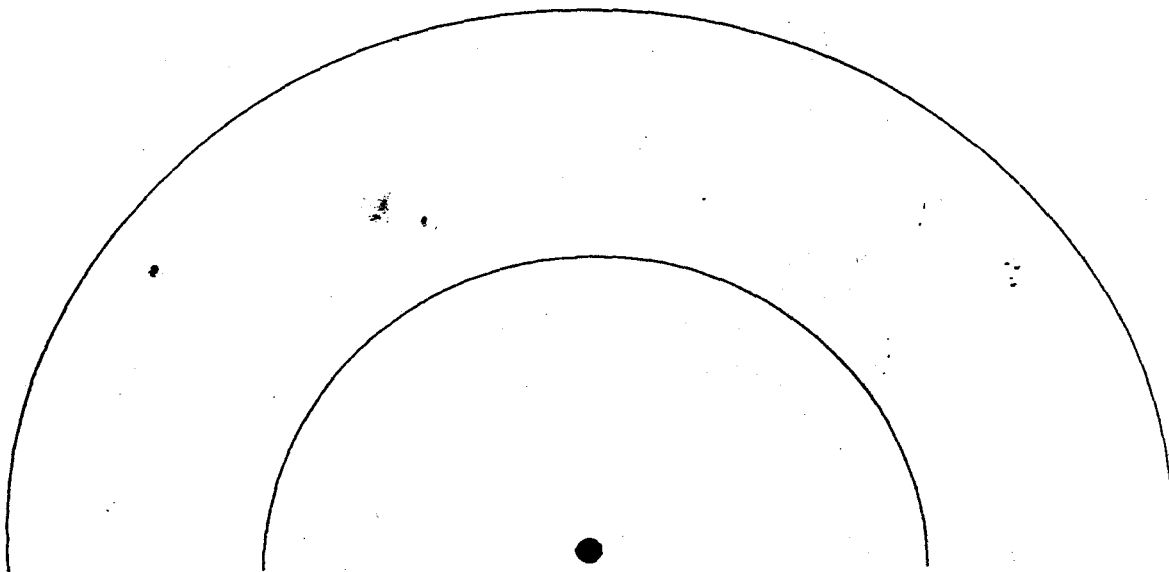
Date: 6/26/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 2

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1051	60	0	1	NONE
Finish	1056	60	0	1	NONE

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. 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

Anuran Call Count Survey Survey Point Field Map

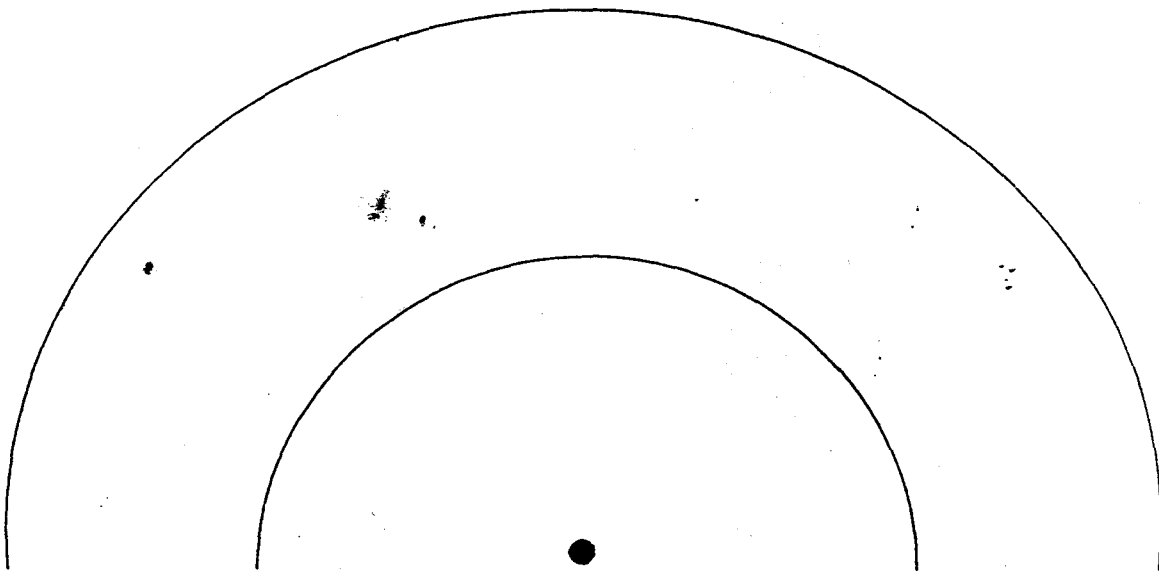
Date: 6/26/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 3

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1043	61	0	1	NONE
Finish	1047	61	0	1	NONE

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.
1 - Light air movement, smoke drifts.
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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 - MCFR

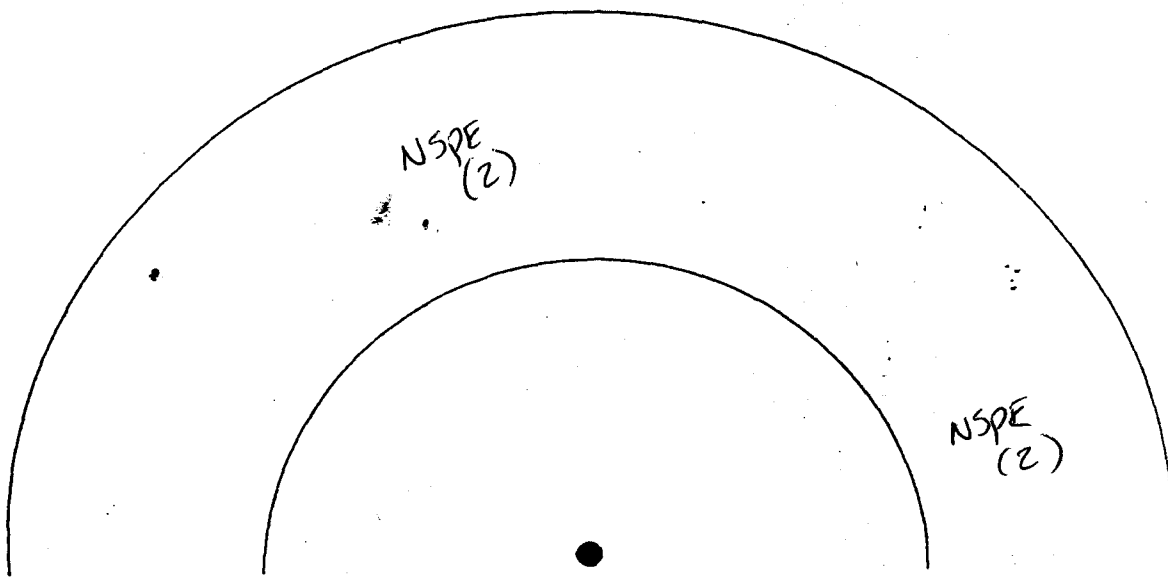
Anuran Call Count Survey Survey Point Field Map

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

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1020	61	0	1	NONE
Finish	1024	61	0	1	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
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

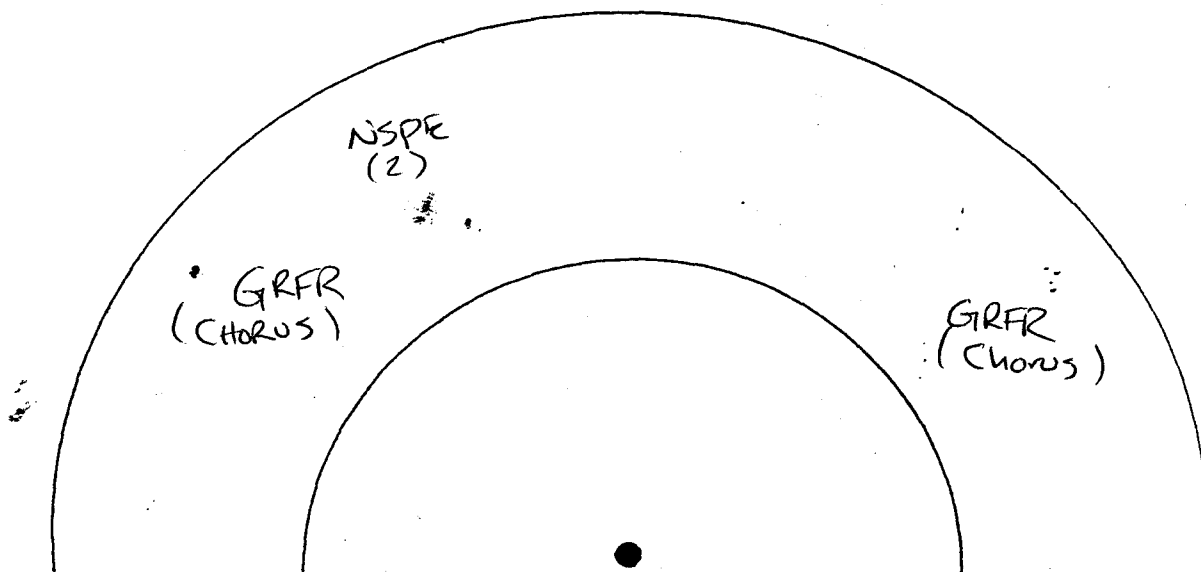
Anuran Call Count Survey Survey Point Field Map

Date: 6/26/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 5

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1014	63	0	2	NONE
Finish	1018	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.
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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 - MCFR

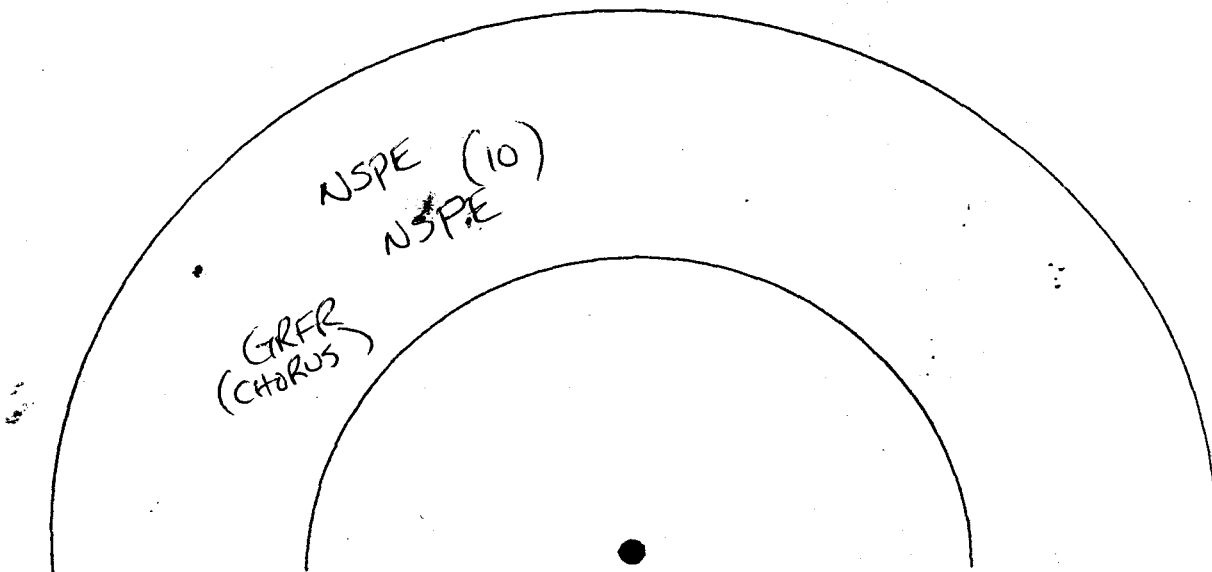
Anuran Call Count Survey Survey Point Field Map

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

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	1008	63	0	2	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 felt on face, leaves rustle.
3 - Gentle breeze, leaves and small twigs in motion.
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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
Mr. Chorus Frog - MCF

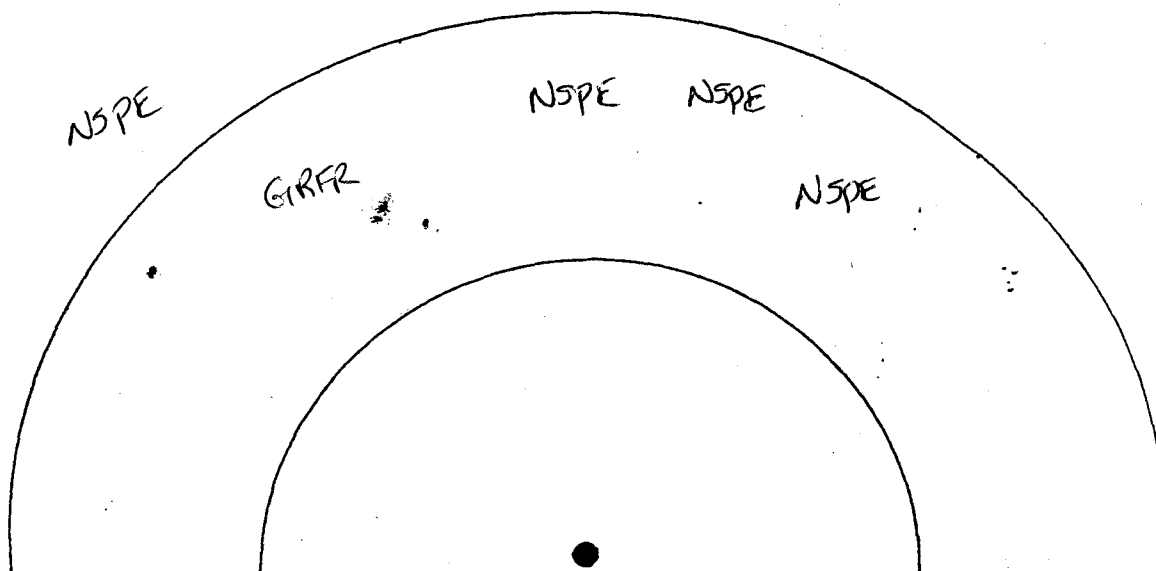
Anuran Call Count Survey Survey Point Field Map

Date: 6/26/00 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).
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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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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

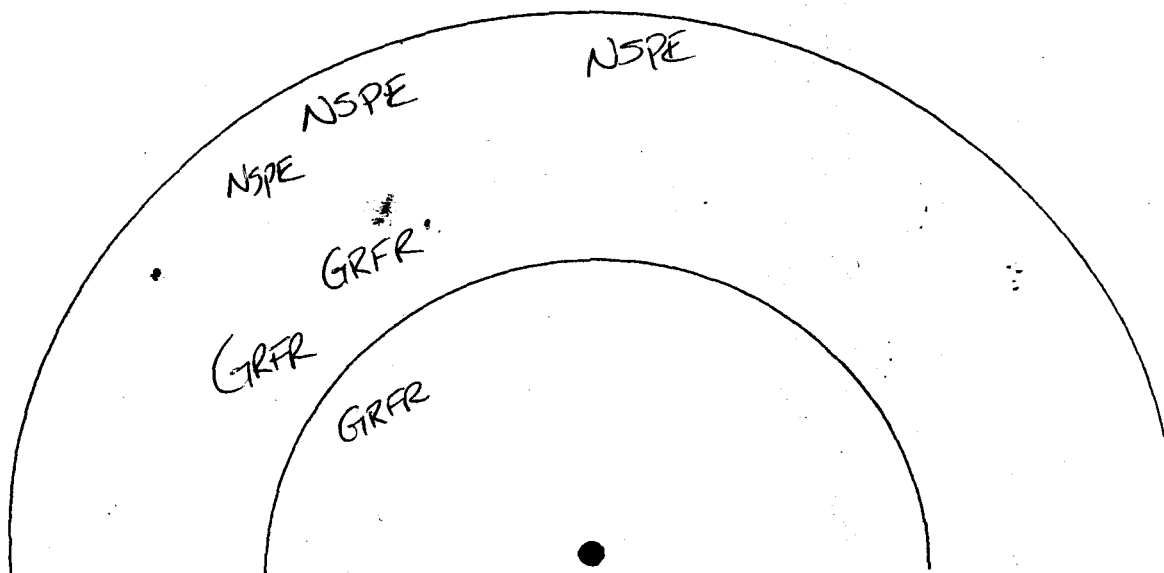
Anuran Call Count Survey Survey Point Field Map

Date: 6/26/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 8

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	940	69.1	0	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).
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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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* = 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

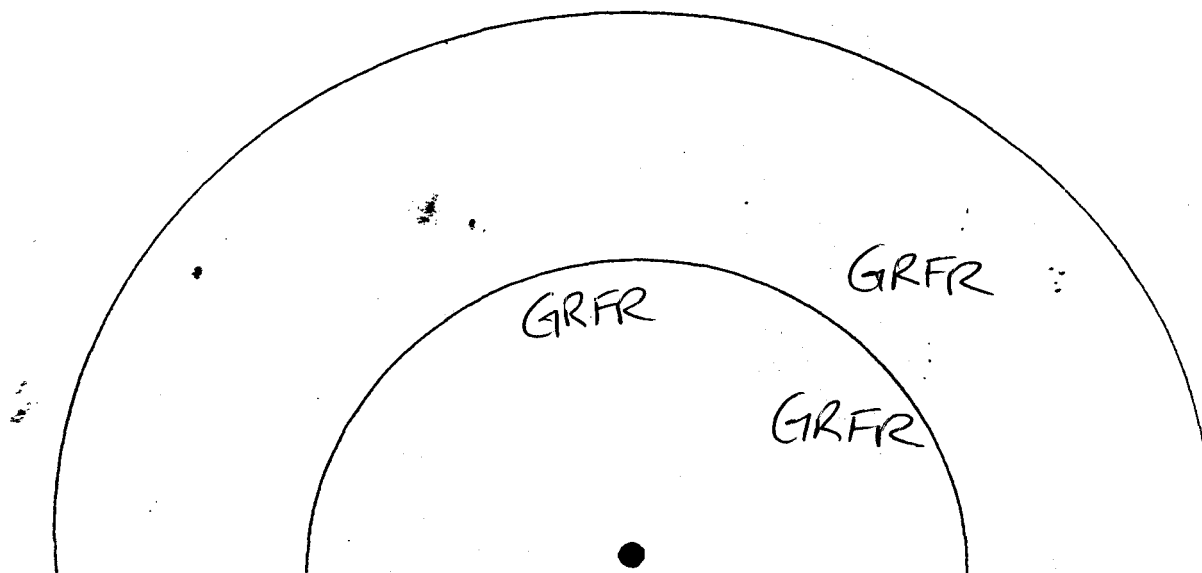
Anuran Call Count Survey Survey Point Field Map

Date: 6/26/00 Survey Period: 1 2 3 4 Route: _____ Surveyor: STURM
Survey Point Number: 9

Survey Data

	Time	Temp (°F)	Sky Code	Wind Scale	Precipitation
Start	930	66	0	1	NONE
Finish	934	66	0	1	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.
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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 - NSPE
Bullfrog - BUFR
Mt. Chorus Frog - MCFR

FWS Anuran Call Count Survey

Observer: WARREN + KILPATRICK Refuge Route: ~~ATFAME ROAD~~ Survey Date: 4 May 2002 Run Number: _____

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	2112	60.5	4	2
Finish	2125	61.0	3	2

Point Data

[illegible]

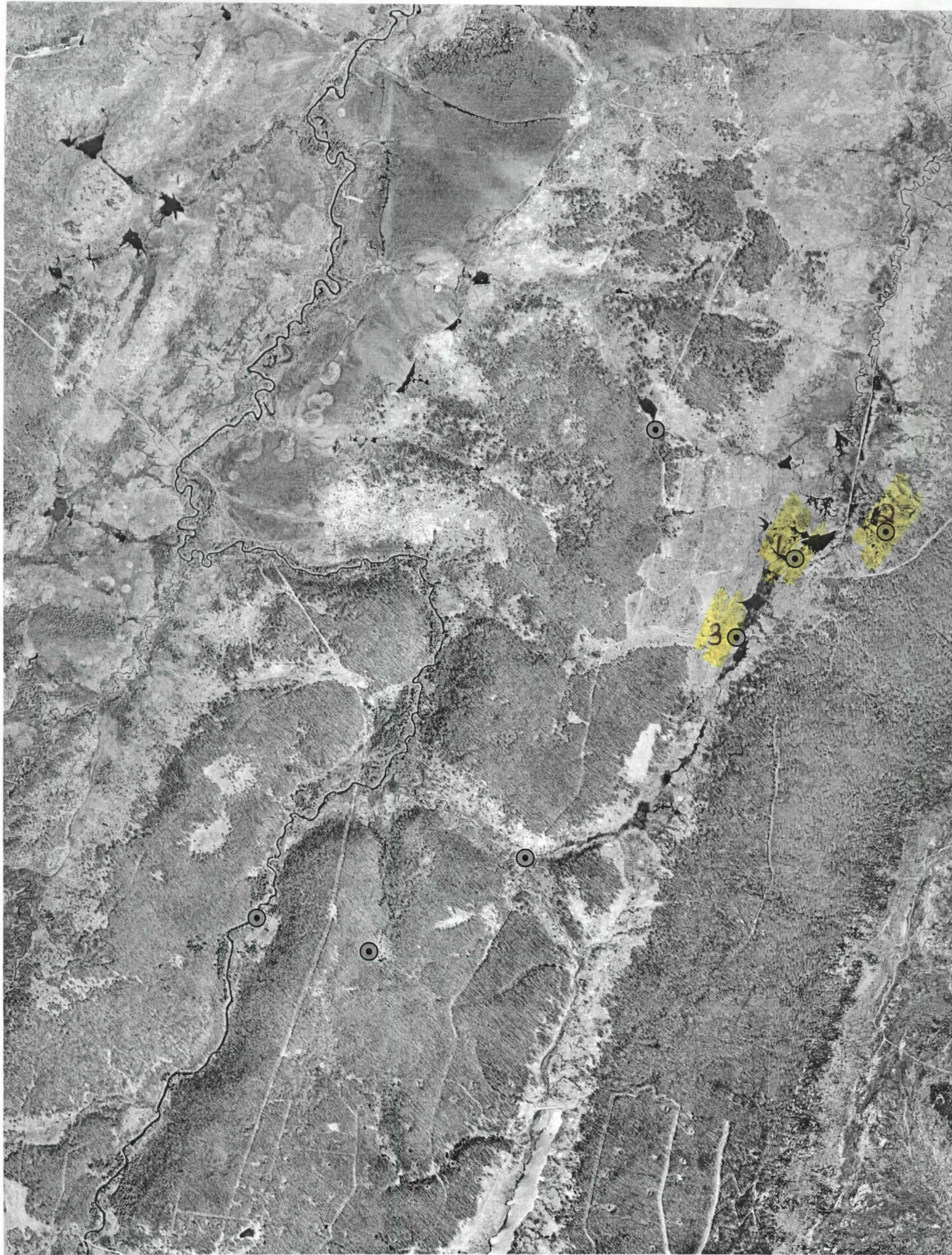
Call Index Value: 1 = Calls can be counted, no overlapping. 2 = Calls can be distinguished, some overlapping. 3 = Full chorus, calls continuous and overlapping.

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. *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.

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FWS Anuran Call Count Survey



FWS Anuran Call Count Survey

Observer: STORM Refuge Route: Glade Run Survey Date: 5/28/02 Run Number:

Survey Data

Survey Data				
	Time	Temp (°F)	Wind Scale	Sky Code
Start	0930 pm	17°C	3	1
Finish	0950 pm	18°C	3	1

Point Data

[illegible]

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. *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.*

Saw WOFR Before Count

Refuge Route:

Refuge Route:

Survey Date: 5-28-02

Run Number:

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	9:30		2 3	1
Finish				

GLADE
RUN

mosquito
bats

lightning bug beaver muskrat ^{crayfish} ~~Crayfish~~

Point Data

[illegible]

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.

Key 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*)

Vind 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.*



FWS Anuran Call Count Survey

Observer: STURM Refuge Route: Glade Run Survey Date: 6/3/02 Run Number:

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	909	20°C	0	2
Finish	951	18°C	0	2

Point Data

[illegible]

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. 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. *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.*

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FWS Anuran Call Count Survey

Frog Call Points
Glade Run

1

2

3

4



Observer: STORM Refuge Route: GLADE RUN Survey Date: 6/11/02 Run Number:

	Time	Temp (°F)	Wind Scale	Sky Code
Start	8:58	18°C	0	0
Finish	9:53	16°C	0	0

[illegible]

Comments: Saw a Virginia Rail @ pt. #2. Am. Bittern calling @ pt. #2
Beaver @ Point 1

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.*

FWS Anuran Call Count Survey

Frog Call Points
Glade Run



FWS Anuran Call Count Survey

Observer: Skilpetrick Refuge Route: Camp 70 Survey Date: 28 May 2002 Run Number: 1

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	2134	15°C	1	1
Finish	2205	13°C	0	0

Point Data

[illegible]

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. 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. *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.*

Observer: SKilpatrick Refuge Route: Camp 70 Survey Date: 10 June 2002 Run Number: 2

	Time	Temp (°F)	Wind Scale	Sky Code
Start	2200	18°C	0	0
Finish	2243	16°C	0	0

	1		2		3		4		5	
Start Time	22 38		2228		2200					
Air Temperature (°F)	- 16°C		16°C		18°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	3				
GRFR	3	3	3	3	3	3				
AMT	-	-	1	1	1	1				
Comments: CO SN @ 2/1										

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.

FWS Anuran Call Count Survey

Observer: K. Warren, D. Chamberlain Refuge Route: Big Cove Survey Date: 5/28/2002 Run Number: _____

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	9:02	60.0	0	1
Finish	9:20	59.3	0	1

Point Data

[illegible]

Comments:

Heard Woodcock, Common Yellowthroats

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. 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. *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.*

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FWS Anuran Call Count Survey



FWS Anuran Call Count Survey

Observer: Washington Refuge Route: Big Cove Survey Date: 6/11/02 Run Number: _____

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	9:25	20°C	2	1
Finish	4:45	19°C	2	1

Point Data

[illegible]

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.
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.

Continuation Sheet 2

Refuge Route: South Refuge Route

Survey Date: 3/18/02

Point Data

[illegible]

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.
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.

FWS Anuran Call Count Survey

Observer: Sturm Refuge Route: South End Survey Date: 3/18/02 Run Number: 1

	Time	Temp (°F)	Wind Scale	Sky Code
Start	0714	8°C	2	4
Finish	0855	7°C	1	1

[illegible]

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)

Revised Feb. 2001

FWS Anuran Call Count Survey

Survey Date: 4-16-02

[illegible]

~~7~~ 7 = heard snipe.
6 = " " woodcock

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.

FWS Anuran Call Count Survey

Observer: h. Warren Refuge Route: CV NWR - South End Survey Date: 4-16-2000 Run Number: _____

	Time	Temp (°F)	Wind Scale	Sky Code
Start	8:11	65.3	1	0
Finish	9:30	66.2	1	0

[illegible]

5 = Woodcock & Snipe

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.*

FWS Anuran Call Count Survey

No Gypsy Shack or Beall Bridge

Continuation Sheet 2

South End

Survey Date: 5-7-02

Point Data

Beaver Pond

FR80 Quarry

FR 80 Bq

[illegible]

Comments:

Pl.7 - AMTO after count

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. *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.*

FWS Anuran Call Count Survey

Observer: Warren Kilpatrick Refuge Route: South END Survey Date: 5/7/02 Run Number: _____

	Time	Temp (°F)	Wind Scale	Sky Code
Start	8:57	58.1	3	2
Finish	10:12	59.0	1	1

[illegible]

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.*

FWS Anuran Call Count Survey

Observer: Washington Refuge Route: Southend Survey Date: 5/28/02 Run Number:

Survey Data

	Time	Temp (°C)	Wind Scale	Sky Code
Start	2117	24°C	3	2
Finish	22	21°C	2	1

Point Data

[illegible]

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. 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. *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.

Continuation Sheet 2

Refuge Route: Southend

Survey Date: _____

Point Data

[illegible]**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. 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. *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.*

FWS Anuran Call Count Survey

Continuation Sheet 2

Refuge Route: Southend

Survey Date: 6/10/08

Point Data

[illegible]

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. *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.*

FWS Anuran Call Count Survey

FWS Anuran Call Count Survey

Observer: Washington

Refuge Route:

Survey Date: 6/10/02

Run Number: _____

Survey Data

	Time	Temp $^{\circ}\text{C}$	Wind Scale	Sky Code
Start	21:20	20 $^{\circ}\text{C}$	0	1
Finish	22:42	16 $^{\circ}\text{C}$	0	1

Point Data

[illegible]

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

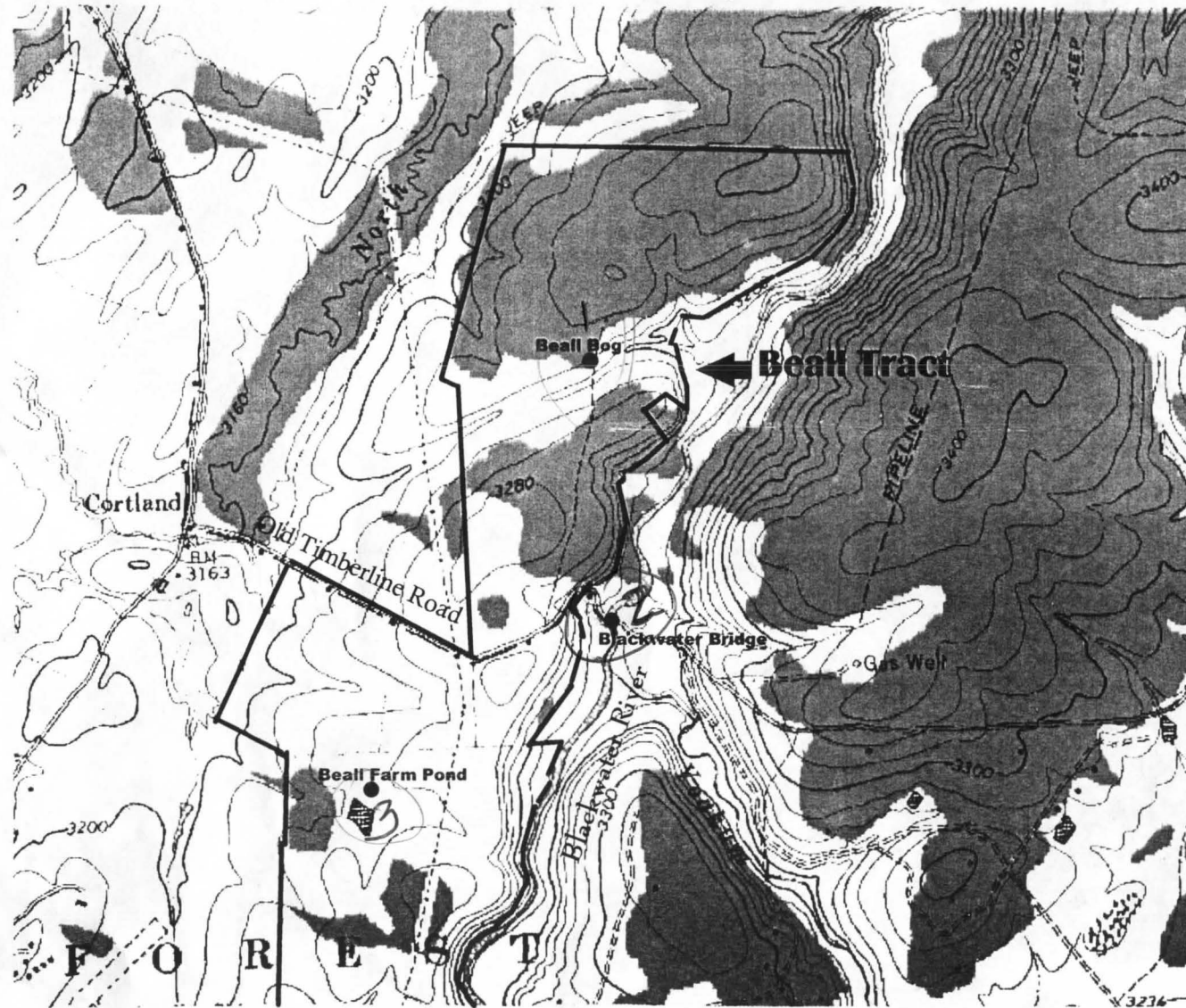
Sky Code: 0 = Clear / few clouds. 1 = Partly cloudy / variable. 2 = Cloudy (broken) or overcast. 4 = Fog / Smoke
5 = Drizzle / light rain 7 = Snow *8 = Showers (*do not conduct survey*)

Wind Scale: 0 = Smoke rises vertically. *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.
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Anuran Call Survey Points

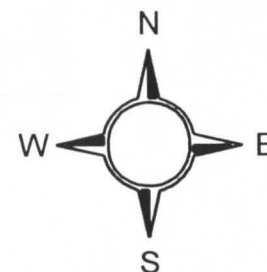
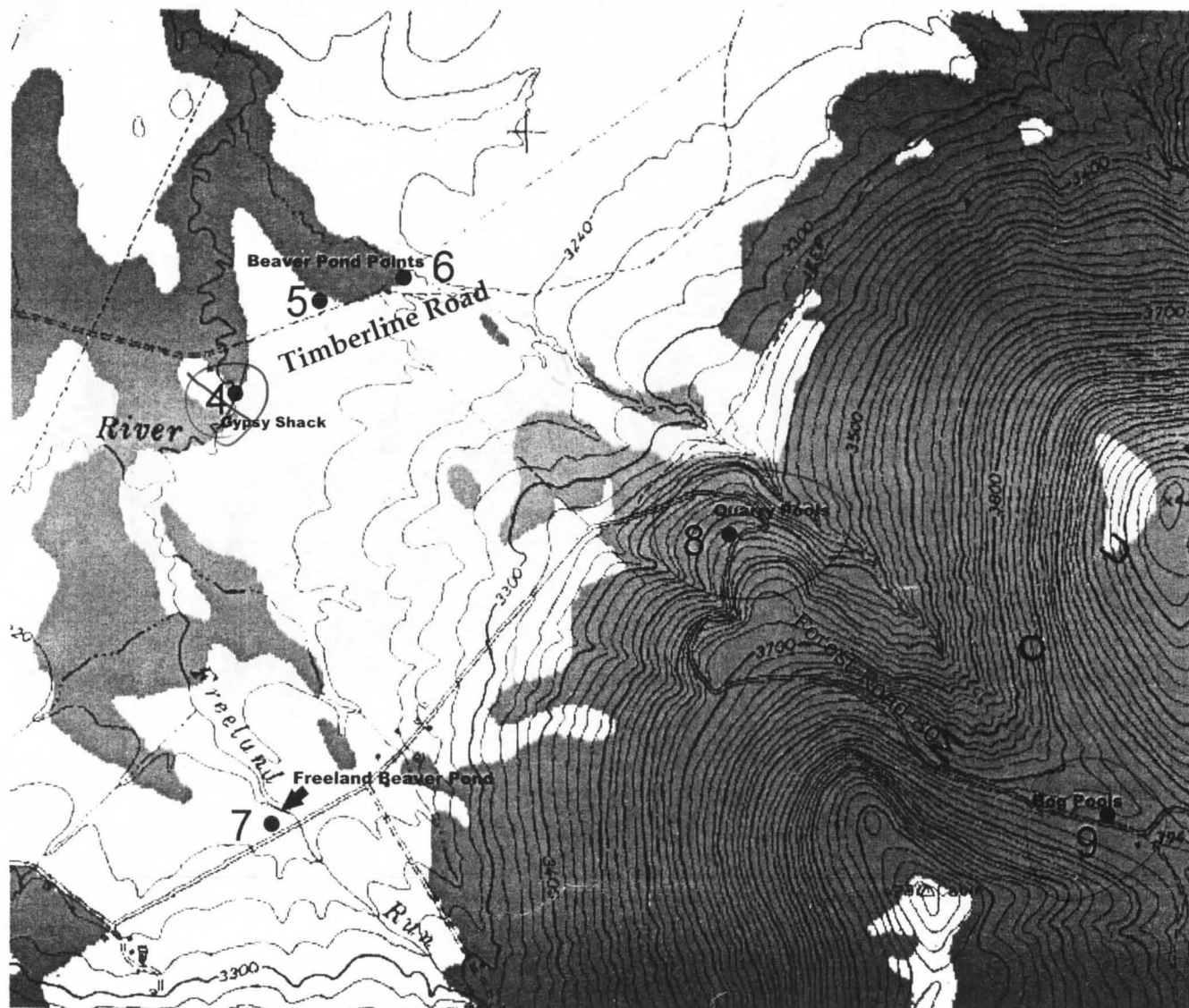
Beall Tract

Canaan Valley NWR



Anuran Call Survey Points

Canaan Valley NWR



8:30

FWS Anuran Call Count Survey

Beall Tract

Observer: Jackie Burns Refuge Route: SOUTH END Survey Date: 4/20/04 Run Number: 1

Survey Data

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

PIFR
WOFR
AMTO
NSPE
GRTF
GRFR

Point Data

	1		2		3		4		5	
Start Time	8:35		8:45		9:05					
Air Temperature (°F)	Warm		Warm		Warm					
Sky Code	5		5		2					
Was noise a factor? (✓ = yes)	no		no		no					
Did you take a timeout? (✓ = yes)	no		no		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	3	3	3	3				
WOFR					1	1				
AMTO					2	2				
short trill voice	like	peep			1	1				
gray tree frog										
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. 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. *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.

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FWS Anuran Call Count Survey

Observer: STURM Refuge Route: Camp 70 Survey Date: 4/21/04 Run Number: 1

	Time	Temp (°F)	Wind Scale	Sky Code
Start	0820	66°F	2	2
Finish	0910	6	2	2

[illegible]

AMBI @ Bint 2
COSN

FWS Anuran Call Count Survey

FreeLand + Timberline

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	2020	~68	2-3	5
Finish	2145	~60	3	1

Skutek

Point Data

[illegible]

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. 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.
 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.

N5PE	Spruce 20'
GRFR	Green Fr
WOFR	Wood Fr
PIFR	Pickered Fr
AMTO	toad
GRTF	Gray Tree Frog

Continuation Sheet 2

Refuge Route: _____

Survey Date: 4/21/04

Point Data

[illegible]

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

Key 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. *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.*

FWS Anuran Call Count Survey

FWS Anuran Call Count Survey

Observer: STURM

Refuge Route: Big Cove

Survey Date: 4/29/04

Run Number: 1

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	8:40	55.6	0	1
Finish	8:45	55.6	0	1

Point Data

[illegible]

Comments: 3 Am. woodcock calling & displaying @ Point # 1

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. *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.*

FWS Anuran Call Count Survey

Observer:

STURM

Refuge Route:

Canadian South End

Survey Dates:

5/4/04

Run Number:

2

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	9:00 pm	49°F	1	1
Finish	9:52 pm	47°F	1	1

Point Data

[illegible]

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. *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.*

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FWS Anuran Call Count Survey

Refuge Route: SOUTH END CUNWR

Survey Date: 5/4/04

Point Data

[illegible]

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.
 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.

FWS Anuran Call Count Survey

South End

BEALL TRACT

Survey Data

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

Point Data

[illegible]

Comments: BRIDGE @ 8:52 / BOG @ 9:03
AMWO = 2 / BARRED OWL = 1

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. *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.*

Revised Feb. 2001

FWS Anuran Call Count Survey

FWS Anuran Call Count Survey

Observer: STURM Refuge Route: Glade Run Survey Date: 5/6/04 Run Number: 2

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	8:40	58.8	1	0
Finish	9:24	55.2	1	0

Point Data

[illegible]

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.
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.

FWS Anuran Call Count Survey

Observer: Sturm Refuge Route: Camp 70 Survey Date: 5/17/04 Run Number: 2

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	850	66	1	5
Finish		62	2	5

Point Data

[illegible]

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. *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.

FWS Anuran Call Count Survey

Observer: KELLY WARREN Refuge Route: SOUTH END Survey Date: 5/19/04 Run Number: 3

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code---
Start	8:42	61.2	0	1
Finish	10:05	55.2	0	4

Point Data

[illegible]

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. *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.*

Continuation Sheet 2

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

Survey Date: 5/19/04

Point Data

[illegible]**Comments:**

天

AMWD = 3 @ Freeland Pt. #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. 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. *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.

FWS Anuran Call Count Survey

MTN Chorus → 2 sec. trill, med. pitch

8:15 -

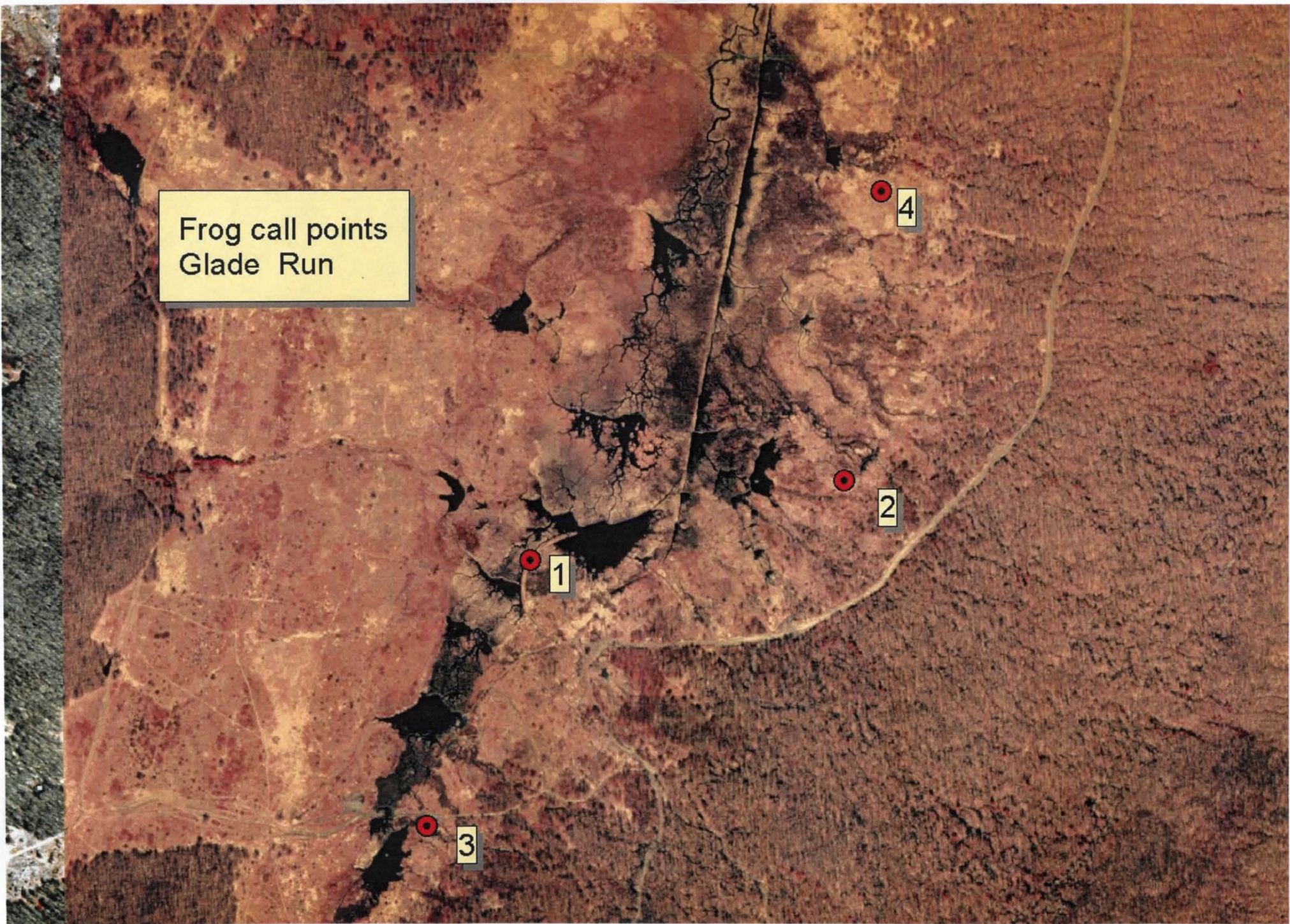
Frog call points
Glade Run

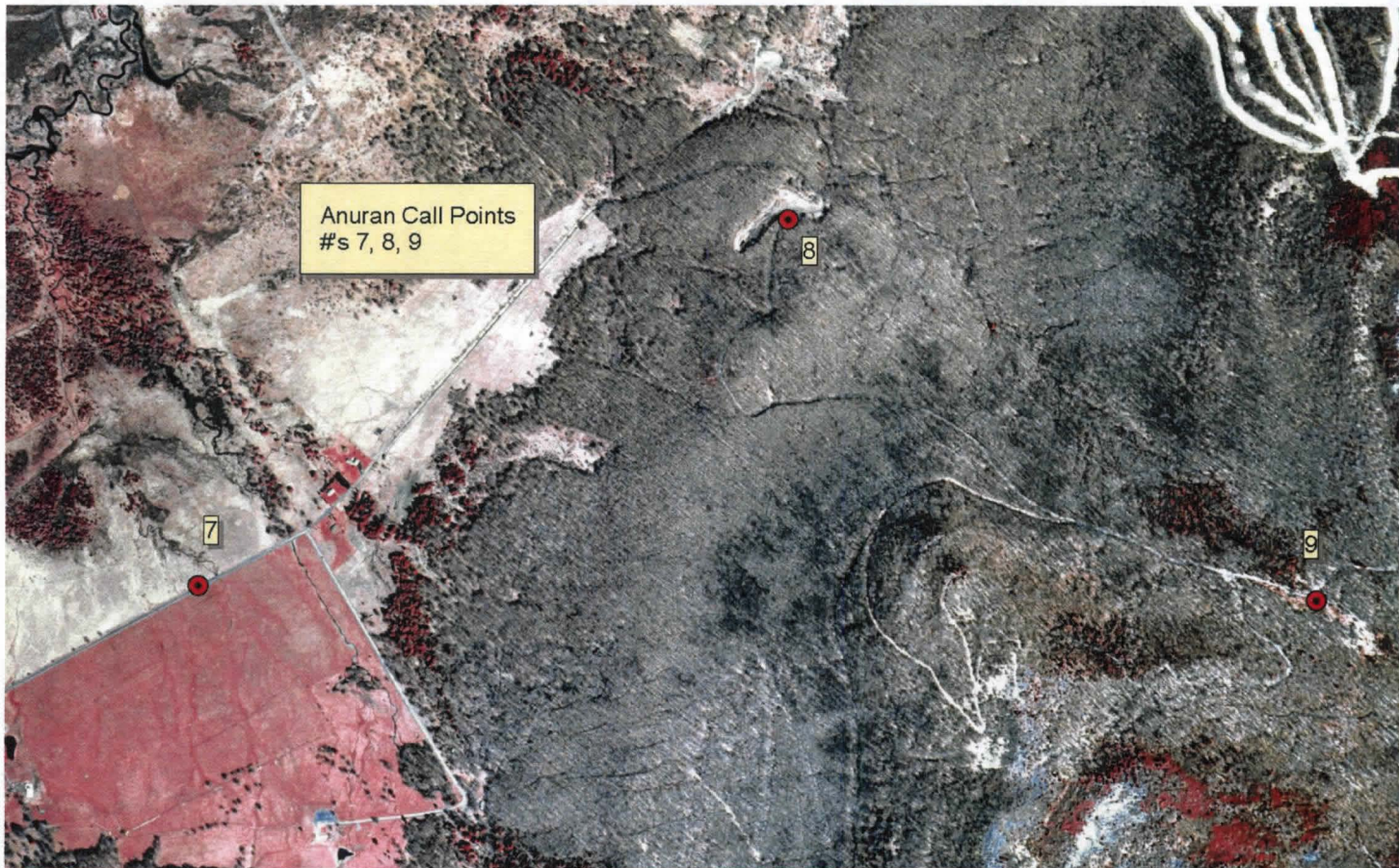
1

2

3

4



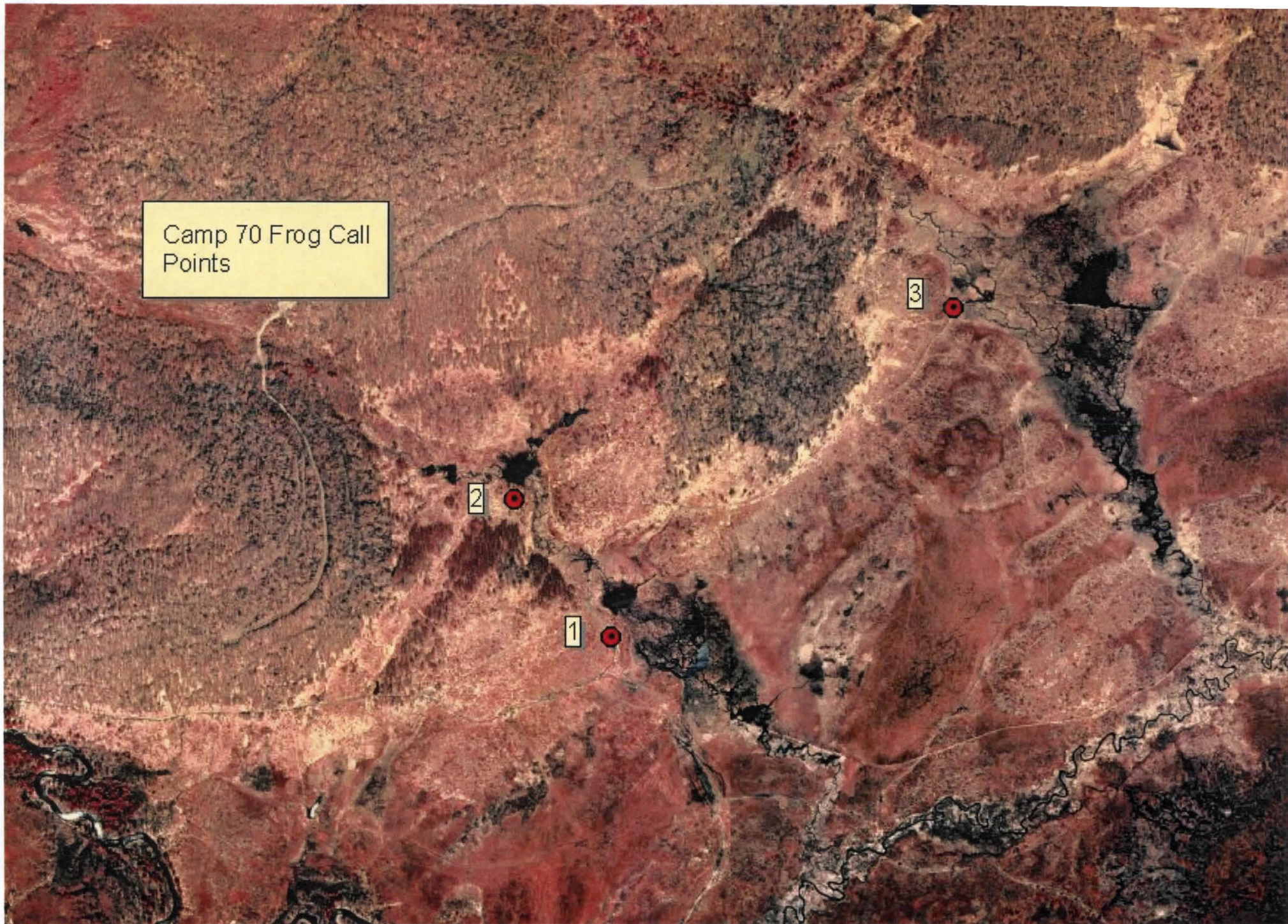


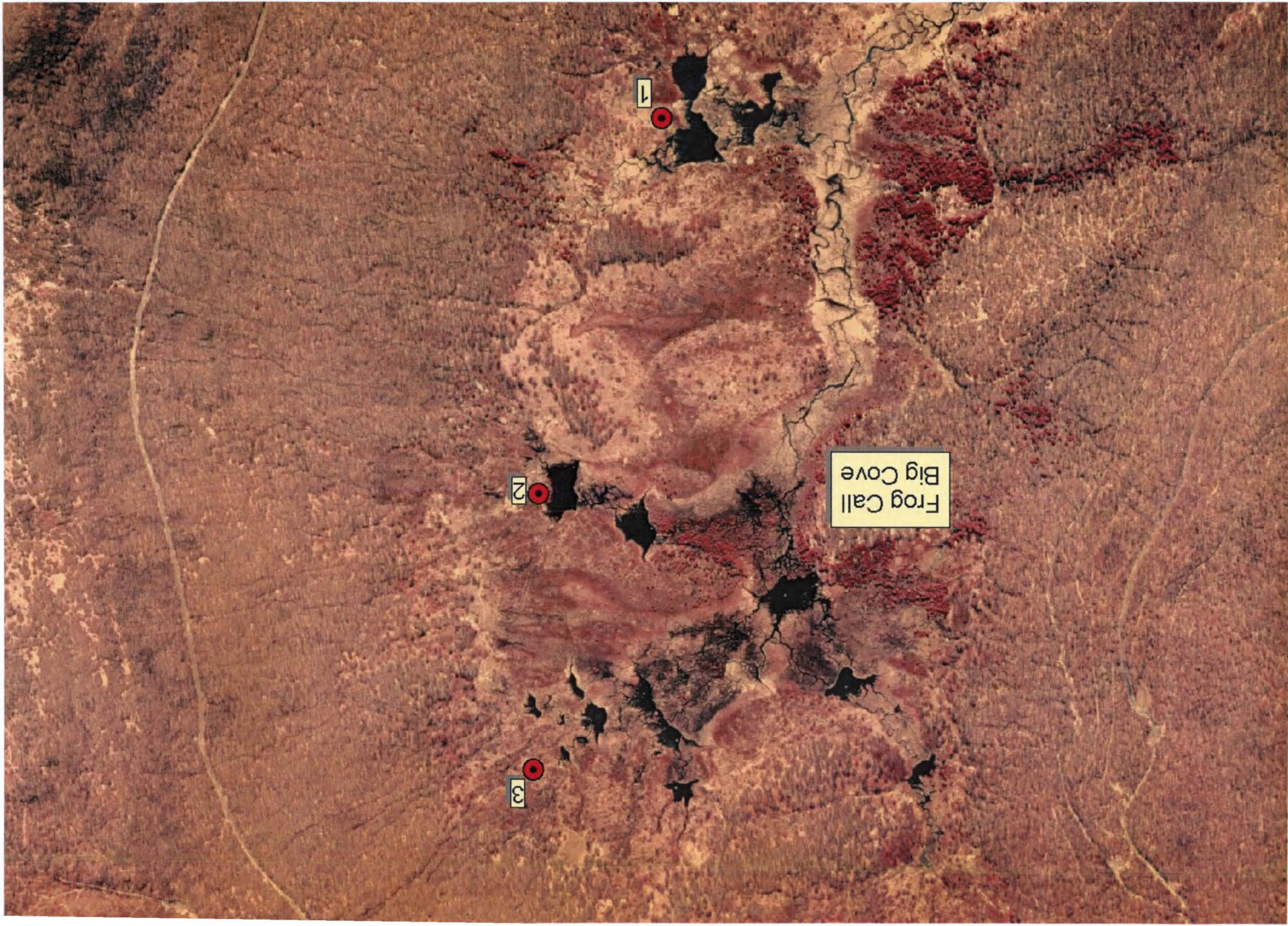
Camp 70 Frog Call
Points

2

1

3





1

2

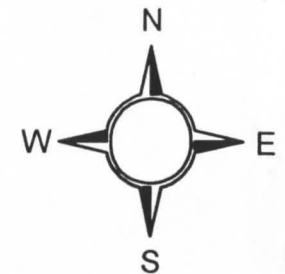
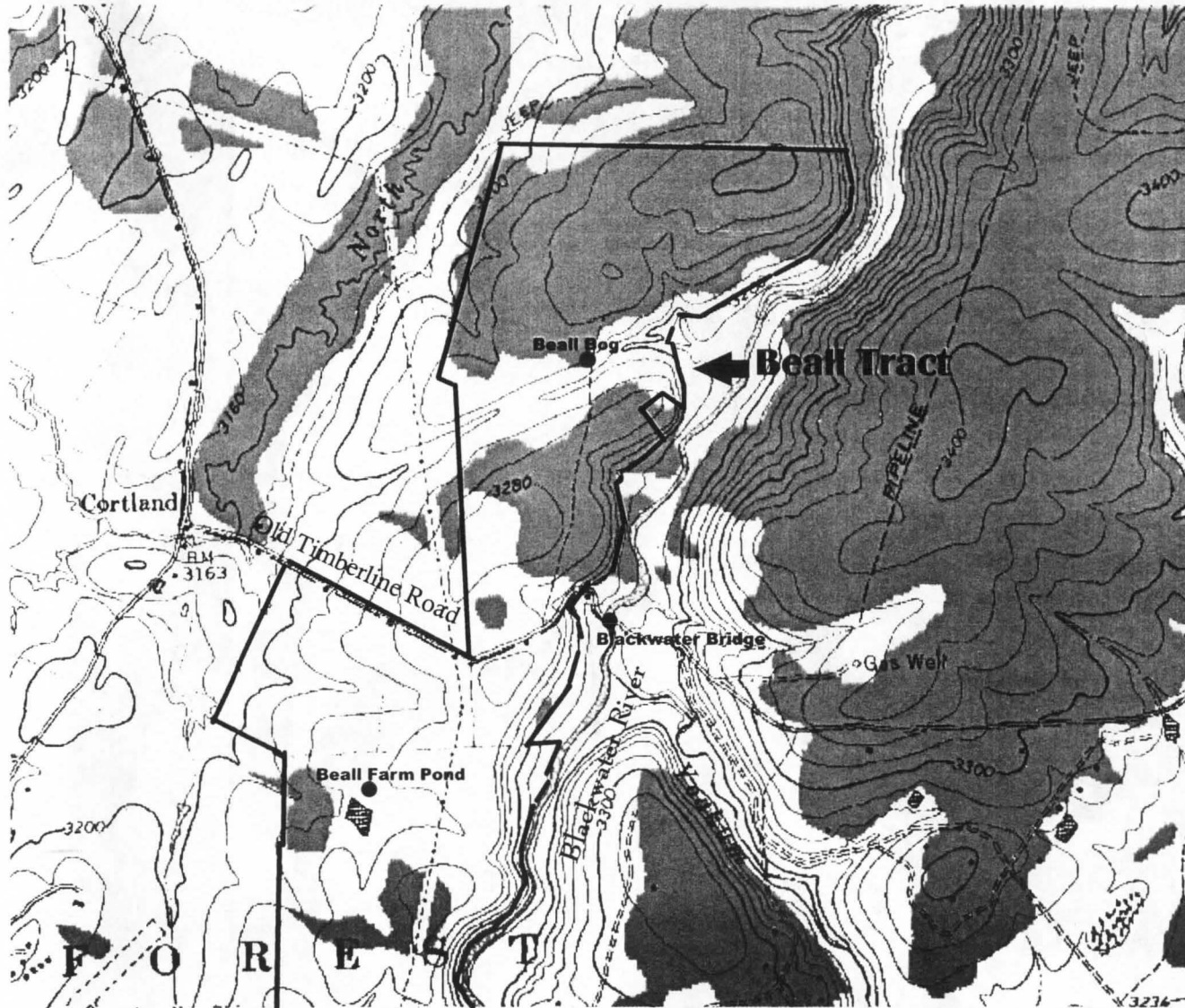
3

Frog Call
Big Cove

Anuran Call Survey Points

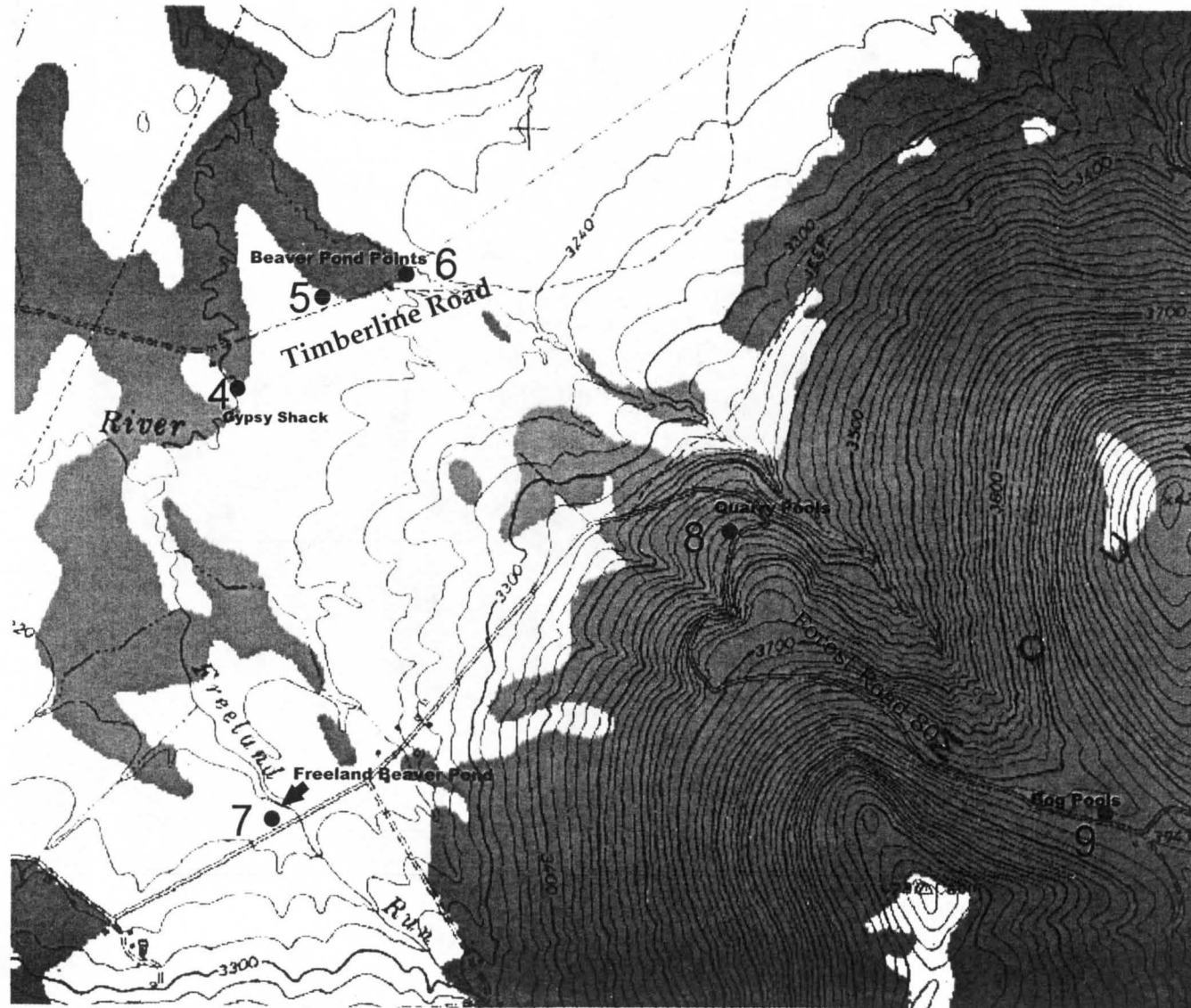
Beall Tract


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 Crockett Refuge Route: NAAMP-2008 Survey Date: 10-April 2008 Run Number: 1

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	8:17	51.8°F	1	2
Finish	11:04	60.8	2	2

Point Data

	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
Gray Treefrog	0	0	1	0	0

Comments:

#1 - 2 to 3 Eam. Snipe calling. Heard Wood Frog + Gray Treefrog on walk between 1+2
 #3 - Spring Peepers recorded were on other side of river
 #4 - Chorus of Spring peepers 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
 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

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

Refuge Route: NAAMP 2008Survey Date: April 10, 2008

Point Data

	6	7	8	9	10
Start Time	9:59	10:11	10:34	10:47	10:57
Air Temperature (°F)	60.8°F	60.8°F	60.8°F	59°F	60.8°F
Sky Code	1	1	1	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
NSPE Spring Peeper	1	3	2	2	0
American Toad	0	1	0	0	0

Comments:

#8 - Heard 1 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 Crockett Refuge Route: NAAMP 2008 Survey Date: 5/27/08 Run Number: 2

Survey Data

	Time	Temp (°F)	Wind Scale	Sky Code
Start	8:58	61.6°F	0	2
Finish	11:33	59.5	2	5

Point Data

	1	2	3	4	5
Start Time	8:58	9:24	9:43	10:12	10:23
Air Temperature (°F)	62.6	61.4	61.1	60.0	60.6
Sky Code	2	5	5	2	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	0	0	1	0
Species Heard	5 min	5 min	5 min	5 min	5 min
SPPE NSPE	3	3	2	3	3
AMTO	3	1	0	1	2
GRFR	1	1	0	0	0

Comments:

#1 - Am. Bittern, 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 1 - Partly cloudy (scattered) or variable sky 2 - Cloudy or overcast
4 - Fog or smoke 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 (<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 2008Survey Date: 5/27/08

Accidentally
Did these but
of order Bridge
B Pond

Point Data

	7	6	8	9	10
Start Time	10:40	10:52	11:11	11:23	11:33
Air Temperature (°F)	59.5	64.2	60.8	59.5	59.5
Sky Code	2	2	2	5	5
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	0 0	0	0	0

Species Heard	5 min	5 min	5 min	5 min	5 min
SPPE	3 2	2	3	3	2
AMTO	1 0	0	2	2	0
GRFR	0 0	0	1	0	0

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
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

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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

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

Refuge Route: NAAMP 2008

Survey Date: 6-19-2008

Point Data

[illegible]**Comments:**

Plane went over during #7 - Took 1 min to react.
#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

Beaufort Wind Codes

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: Margarette 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

	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	0	0	1	0
Species Heard	5 min	5 min	5 min	5 min	5 min
SPPE	2	1	2	2	1
PIFR	1	0	0	0	0
GRFR	1	1	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

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 (<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

Site Locations and Descriptions

12/17/2008

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

Species Codes from R5 Draft IMP March, 1999

Anuran Call Count IMP

WORKING DRAFT

Appendix 10.

Anuran Species Alpha Codes

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



NAAMP - Canaan Valley NWR
Anuran Call Count Points
Created April, 2008, UTM NAD 83
Marquette Crockett