



# Sample 2009 NY Bat Survey Data Sheet

Site: Hard Knox Cave      Date: 2/12/09

Surveyors (\* trip leader): Bill Jones\*, Anne Jones, Frank Ford

Survey start time: 9:15 am      Survey end time: 2:23 pm

Section (start/end time)	Species	# of individuals observed by group size (WNS present and/ or image #)
Entrance to end of Big room (9:15-9:30)	unkno wn	1-2-1(bat with WNS, image # 2546 to 49)-1-1-1-5-2-9(3 with WNS #2552 to 59)
	Little brown	1 (#2545)-3-5-1-1-1
	Big brown	1(#2547to 49)
End of big room to end of long crawl	norther n	1( WNS #2550 to 2551)
		Note: 5 dead bats collected in this section that we found on the floor, all within one meter of one another at the lemon squeeze(#2551), Bag labeled as hard Knox-long crawl 2/12/09
End of long crawl to end of the last stand (9:31-9:45)		0
		Note: frank did the last section by himself, as Bill and Anne we were collecting the dead bats.
		See attached map for details of where the bats were found.

# 2009 NY Bat Survey Data Sheet

## Instructions

Goals: We are trying to collect the following:

- A complete count of all the bats in the hibernacula with a clear written record of the effort

- An accurate ID of each bat

- An accurate assessment of the distribution of animals

- An accurate record of the effort expended to do the count. This includes the time (person hours) spent searching per section and a description of the area searched (preferably accompanied by a map).

- Quality control photographs for species identification and documentation of WNS.

- Document volunteer time which we can use as funding match.

Methods:

The count.

- Take your time, look behind and well as in front of you as the changing angles of view will hide/expose animals.

- Look in all the cracks and crevices, some species prefer those roost sites

- Do not go to extraordinary measures such as looking under rocks. If you search in what might be considered extraordinary locations (a difficult climb), make sure to note on the data sheet that the area was searched and what was found there.

- We suspect that group size changes as a result of WNS. Therefore, we want you to record the number of bats in each group. A group is defined as animals in physical contact to know how.

Bat identification:

- Check <ftp://ftp.dec.state.ny.us/dfwmmr/wildlife/bats> for the DC bat identification PowerPoint

- If you are not sure of the identification, take pictures, storage space is cheap. A single, face-on shot at close range to show the ears and tragus and a side view shot of the entire body should be enough.

- Photograph at least one in 10 bats just for the purposes of confirming the reported identification. Feel free to shoot more than that.

- Make sure that your notes link the image number to the predicted identification (see sample data sheet for an example).

- Do not feel bad about identifying a bat as unknown but photograph all the unknowns that you can.

WNS identification

- Photograph all suspect WNS animals. Either shoots both face-on and a profile shot or angle the image to include both if a single image can do so.

SITE	DEC REGION	DATE	TOTBAT	Priority	NOTE:
ARNOLD HILL MINE	5	1/10/1984	908	3	
BARTON HILL MINE	5	2/26/2001	0	1	
BARYTE'S CAVE	4	3/22/1986	38	2	
BARYTE'S MINE	4	3/22/1986	66	2	completed
BENNETT HILL HITCHCOCK MINE	5	1/29/2001	0	1	
BENNETT HILL MINE #2	5	2/26/1985	177	3	
BREWSTER MINE	3	3/16/1982	714	destroyed	
BULL MINE	3	1/10/1990	301	1	
BURROUGHS CAVE	5	4/2/1981	109		
CHEEVER MINE	5	2/26/1982	2694	3	
CLARKSVILLE CAVE					
CLINTON MINE	5	2/1/1984	1582	3	
CRANBERRY MINE	3	12/1/2000	262	2	
CRANE MOUNTAIN CAVE	5	3/12/1980	107		
DUFFY MINE		2/24/1989	131		
EAGLE CAVE	5	1/5/1985	2645	3	DEC taking care of
FAHNSTOCK SUNK MINE #1	3	2/10/2000	405	1	
FAHNSTOCK SUNK MINE #4	3	2/10/2000	443	1	
FISHER HILL MINE	5	12/3/1987	3999	1	
FRIENDS POINT MINE	5	1/20/2004	1286	2	
GAGE'S CAVE	4	3/10/1985	968	2	completed
GLEN PARK CAVES	6	2/21/2001	2513	1	
GREGORY CAVE	4	3/30/1985	18	2	
HAILE'S CAVE	4	3/15/2001	2566	1	
HASBROOK PARK MINE	3	3/16/2006	4581	2	Al Hicks needs to be on this trip - CT grotto
HOOPER MINE	5	12/20/1983	135	1	
HOWE CAVERNS	4	3/22/1986	577	2	completed
HOWES CAVE MINE	4	3/17/1995	96	2	
INDIAN OVEN CAVE	4	3/29/2004	63	3	
JAMESVILLE QUARY CAVE	7	2/2/2001	4101	1	
KINGSTON KNAUST MINE	3	3/26/1996	298		
KNOX CAVE	4	12/8/1986	571	2	completed
LAURENCEVILLE MINE	3	3/8/2004	771	1	
LEAD HILL MINE	5	2/4/1981	71		
LESSER GRAPHITE MINE	5	2/25/1982	1404	3	
LETCHWORTH TUNNEL	9	1/8/1982	2485	3	
LIMERICK CAVE	6	1/7/1983	59		
LINCOLN POND MINE	5	3/2/1989	52		
MAIN GRAPHITE MINE	5	3/15/2000	185022	1	
MCFAILES CAVE	4	12/10/1988	5726		
MERLINS	4			2	

MILLERS GARNET MINE	5	12/14/1982	626		
MITCHELLS CAVE	4	2/23/1985	315	3	
MOUNTAIN MINE		2/28/1991	77		
MT. HOPE IRON MINE	3	1/4/1984	21		
NORTON RANGE CAVE	5	2/17/1985	3241	3	
ROSENDALE- MARTIN MINE	3	1/21/2004	1209	3	
<b>SCHOHARIE CAVERN</b>	<b>4</b>	<b>2/23/1982</b>	<b>672</b>	<b>2</b>	<b>completed</b>
SCHOHARIE DAM	3	12/3/2004	98	2	
SINGLE X CAVE	4	1/10/1987	464	3	
SKULL CAVE	4	12/5/1981	3681		
SOUTH BETHLEHEM CAVE	4	12/20/1980	12	3	
<b>SURPRISE CAVE</b>	<b>3</b>	<b>1/8/1987</b>	<b>5113</b>	<b>2</b>	<b>completed</b>
TIP TOP MINE		2/5/1991	132		
WALTER WILLIAMS PRESERVE	3	3/23/1999	97084	1	
<b>WARDS CAVE</b>	<b>4</b>	<b>11/19/1981</b>	<b>14</b>		
<b>WILLIAMS FIRE PIT MINE</b>	<b>3</b>	<b>2/9/2002</b>	<b>11</b>		
WILLIAMS HOTEL MINE	3	3/9/2001	16294	1	
WILLIAMS LAKE MINE	3	2/10/2000	5791	1	
<b>WILLIAMS MINE #11</b>	<b>3</b>	<b>3/8/2002</b>	<b>299</b>		
WILLIAMS MINE #4a	3	3/8/2002	8580	2	
<b>WILLIAMS MINE #4b</b>	<b>3</b>	<b>3/8/2002</b>	<b>72</b>		
WILLIAMS MINE #7-8	3	3/8/2002	586	2	
<b>WILLIAMS MINE #9</b>	<b>3</b>	<b>3/8/2002</b>	<b>8</b>		
<b>WURTSBORO MINE (LOWER)</b>	<b>3</b>	<b>2/11/1982</b>	<b>54</b>		
<b>WURTSBORO MINE (UPPER)</b>	<b>3</b>	<b>2/11/1982</b>	<b>89</b>		