

Field Survey of Small Mammals

**Roosevelt-Vanderbilt National Historic Sites, Hyde
Park, New York**

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Biological Survey
New York State Museum
Albany, New York**

20-23 August, 1991

FIELD SURVEY OF SMALL MAMMALS
AT NATIONAL HISTORIC SITES, HYDE PARK, NEW YORK

Biological Survey, New York State Museum, The State Education
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The purpose of this study was to collect and interpret
distributional and ecological data on small mammal communities at
the Roosevelt-Vanderbilt National Historic Sites, Hyde Park, New
York (Figure 1). Such data are important for land-use planning,
as well as for providing a starting point for future evaluation
of long-term trends or changes in terrestrial small mammal
communities along the Hudson River.

METHODS

Small mammal populations were sampled at four localities in
August 1991. By employing a removal-type sampling regime, our
trapping program provided a relatively stable estimate of density
while minimizing interspecific and intersite biases. At each
locality, we set up a transect consisting of 25 stations at 10 m
intervals. Each station was set with four traps for four nights.

Each transect was confined to a distinctive plant community (see Site Descriptions).

Four traps (1 Sherman live trap, 1 pit trap, 2 Museum Special snap traps) were placed at each trap station in four quadrants of a 3 m diameter circle. The live trap was placed appropriately for chipmunks and squirrels, such as in front of large holes, on logs, or at the base of trees. The pit trap was placed adjacent to natural runways such that animals would fall blindly into it. The edges of the pit were flush with the ground and filled half-way with water. Two snap traps were placed in the most likely situations within the quadrant for small mammal activity. This included runways in grass or duff, on top of logs, at the junctions of logs and the ground, holes, at the edge of water, or at the base of trees. Snap and live traps were baited with an oatmeal and peanut butter mixture.

The traplines were checked daily at 0700 hrs to reset traps and collect captured specimens. Each specimen was placed in a plastic bag (dispatched first with chloroform if required) with a field tag. Recorded on the tag were field number, date, transect identifier, station, species, sex, and trap type. The same information was recorded on the data sheet with additional notes on weather and the number of snapped traps. Specimens were placed in a cooler for transport back to the laboratory, where they were measured, evaluated for reproductive condition, and prepared as museum specimens (skeleton, skin/skull, or alcohol).

SITE DESCRIPTIONS

Locality 1. Northern hardwood forest, Franklin D. Roosevelt National Historic Site, Hyde Park Township, Dutchess County, New York (Figure 2). U.S.G.S. Hyde Park 7.5 minute Quad: UTMN 4624250, UTME 587890. NW exposure, average elevation 21 m. Isolated tract of forest.

Locality 2. Meadow, Franklin D. Roosevelt National Historic Site, Hyde Park Township, Dutchess County, New York (Figure 2). U.S.G.S. Hyde Park 7.5 minute Quad: UTMN 4624880, UTME 588370. W exposure, average elevation 21 m. Re-seeded following clearing of woods in 1989. Ca. 50% forbs (vetch, birdsfoot trefoil), ca. 50% grasses and sedges, but with proportion extremely variable from station to station. Wet portion (NE corner of grid through southern part) with some cattails, sedges, loosestrife. Mowed occasionally each year.

Locality 3. Meadow, Vanderbilt National Historic Site, Hyde Park Township, Dutchess County, New York (Figure 3). U.S.G.S. Hyde Park 7.5 minute Quad: UTMN 4626800, UTME 587750. Relatively flat, average elevation 14 m. Ca. 50% forbs, ca. 50% grasses and sedges, but with proportion extremely variable from station to station. Mowed occasionally each year.

Locality 4. Northern hardwood forest, Eleanor Roosevelt National Historic Site, Hyde Park Township, Dutchess County, New York

(Figure 4). U.S.G.S. Hyde Park 7.5 minute Quad: UTMN 4623480, UTME 591820. NE exposure, average elevation 92 m. Extensive tract of forest.

RESULTS

Collections, Database

We present to ROVA prepared specimens (study skins and associated skeletons, with data labels) that represent the 5 species of small mammals taken during our field work. This collection will be useful for educational purposes to both staff and visitors. The remaining specimens from the survey have been prepared and accessioned in the Mammal Collection of the New York State Museum, where they and their associated data may be examined for research and educational purposes.

We also present to ROVA a hard copy in three different formats (Appendix I) and a 3½" diskette that summarizes the collection data for each specimen. The software for the database is dBase 3+, a standardly used program for biological data. Appendix II is a copy of the field data sheets, which contain notes on weather, condition of traps, and specimen data (linear measurements, weight, reproductive data, etc).

Incidental to the mammal survey, we noted or collected the following amphibians (see Appendix II for details): Rana sylvatica (wood frog), Rana clamitans (green frog), spotted salamander (Ambystoma maculatum), Jefferson's salamander

(Ambystoma jeffersonianum), Notophthalmus viridescens (red eft stage of red-spotted newt), Plethodon glutinosus (slimy salamander), and Plethodon cinereus (red-backed salamander).

Species Present, Abundance, and Habitat Associations

Only five species of small mammals were captured during our field survey. The number of species at each site ranged from two to three. While not at all unusual, these values are slightly lower than average. In eastern New York, the same type of small mammal sampling regime usually yields 3 to 5 species in forested habitats and 2 to 4 species in open habitats.

There is strong site-to-site similarity in the small mammal communities within each habitat-type. In both northern hardwood forest sites (Tables 1, 4), Peromyscus leucopus (white-footed mouse) is the most common species, followed by Sorex fumeus (smokey shrew), and Blarina brevicauda (short-tailed shrew). In both meadow sites (Tables 2, 3), Microtus pennsylvanicus (meadow vole) is by far the most common species. The secondary species in the two meadow sites provide the only significant difference, this being the presence of Zapus hudsonius (meadow jumping mouse) at the Franklin D. Roosevelt N.H.S. meadow versus Blarina brevicauda (short-tailed shrew) at the Vanderbilt N.H.S. It may be that each of these species occurs at both sites, but in densities low enough that they might be overlooked in standard trapping programs.

There are five other species of small mammals that may occur

somewhere on the ROVA property, especially in forested areas, but were not captured in our surveys. These are Sorex cinereus (masked shrew), Clethrionomys gapperi (red-backed vole), Synaptomys cooperi (southern bog lemming), Microtus pinetorum (woodland vole), and Napaeozapus insignis (woodland jumping mouse). Of these, S. cooperi is the least likely to be recorded in future surveys.

Conservation Status

Each of the five species encountered at ROVA is common and widespread in eastern New York. None is classified as rare, threatened, or endangered by state or federal standards. Current land-use practices at ROVA seem to be compatible with maintaining a small mammal community that is more or less typical of eastern New York.

Table 1. Small mammals from locality 1: Northern hardwood forest, Franklin D. Roosevelt National Historic Site, Hyde Park Township, Dutchess County, New York. 20-23 August 1991. See text for additional details.

Date	Number of traps	<u>Blarina</u>	<u>Sorex</u>	<u>Pero-</u>	Total
		<u>brevi-</u> <u>cauda</u>		<u>myscus</u> <u>leucopus</u>	
20 Aug	97	-	2	3	5
21 Aug	100	2	1	-	3
22 Aug	100	-	-	2	2
23 Aug	100	-	1	-	1
Total	397	2	4	5	11

Table 2. Small mammals from locality 2: Meadow, Franklin D. Roosevelt National Historic Site, Hyde Park Township, Dutchess County, New York. 20-23 August 1991. See text for additional details.

Date	Number of traps	<u>Microtus</u>	<u>Zapus</u>	Total
		<u>pennsylv-</u> <u>vanicus</u>	<u>hud-</u> <u>sonius</u>	
20 Aug	100	6	1	7
21 Aug	100	3	-	3
22 Aug	100	1	-	1
23 Aug	100	4	1	5
Total	400	14	2	16

Table 3. Small mammals from locality 3: Meadow, Vanderbilt National Historic Site, Hyde Park Township, Dutchess County, New York. 20-23 August 1991. See text for additional details.

Date	Number of traps	<u>Blarina</u>	<u>Microtus</u>	Total
		<u>brevi-</u> <u>cauda</u>	<u>pennsylv-</u> <u>vanicus</u>	
20 Aug	100	4	7	11
21 Aug	100	-	3	3
22 Aug	100	-	1	1
23 Aug	100	-	1	1
Total	400	4	12	16

Table 4. Small mammals from locality 4: Northern hardwood forest, Eleanor Roosevelt National Historic Site, Hyde Park Township, Dutchess County, New York. 20-23 August 1991. See text for additional details.

Date	Number of traps	<u>Blarina</u>	<u>Sorex</u>	<u>Pero-</u>	Total
		<u>brevi-</u> <u>cauda</u>	<u>fumeus</u>	<u>myscus</u> <u>leucopus</u>	
20 Aug	100	-	-	2	2
21 Aug	100	1	5	4	10
22 Aug	100	1	1	4	6
23 Aug	100	4	1	3	8
Total	400	6	7	13	26

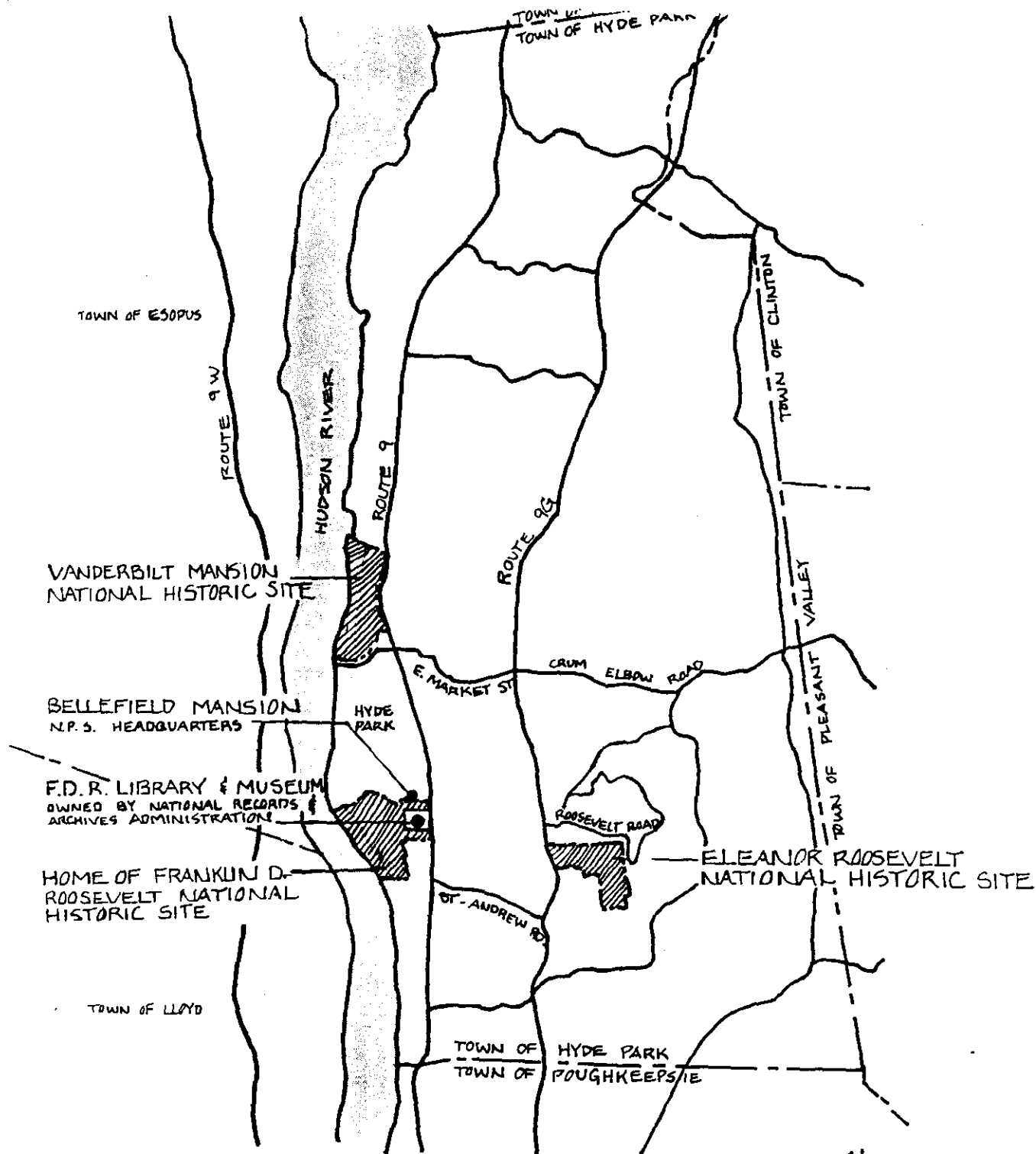


Figure 1.

HYDE PARK VICINITY

ELEANOR ROOSEVELT NATIONAL HISTORIC SITE

HOME OF FRANKLIN D. ROOSEVELT NATIONAL HISTORIC SITE

VANDERBILT MANSION NATIONAL HISTORIC SITE

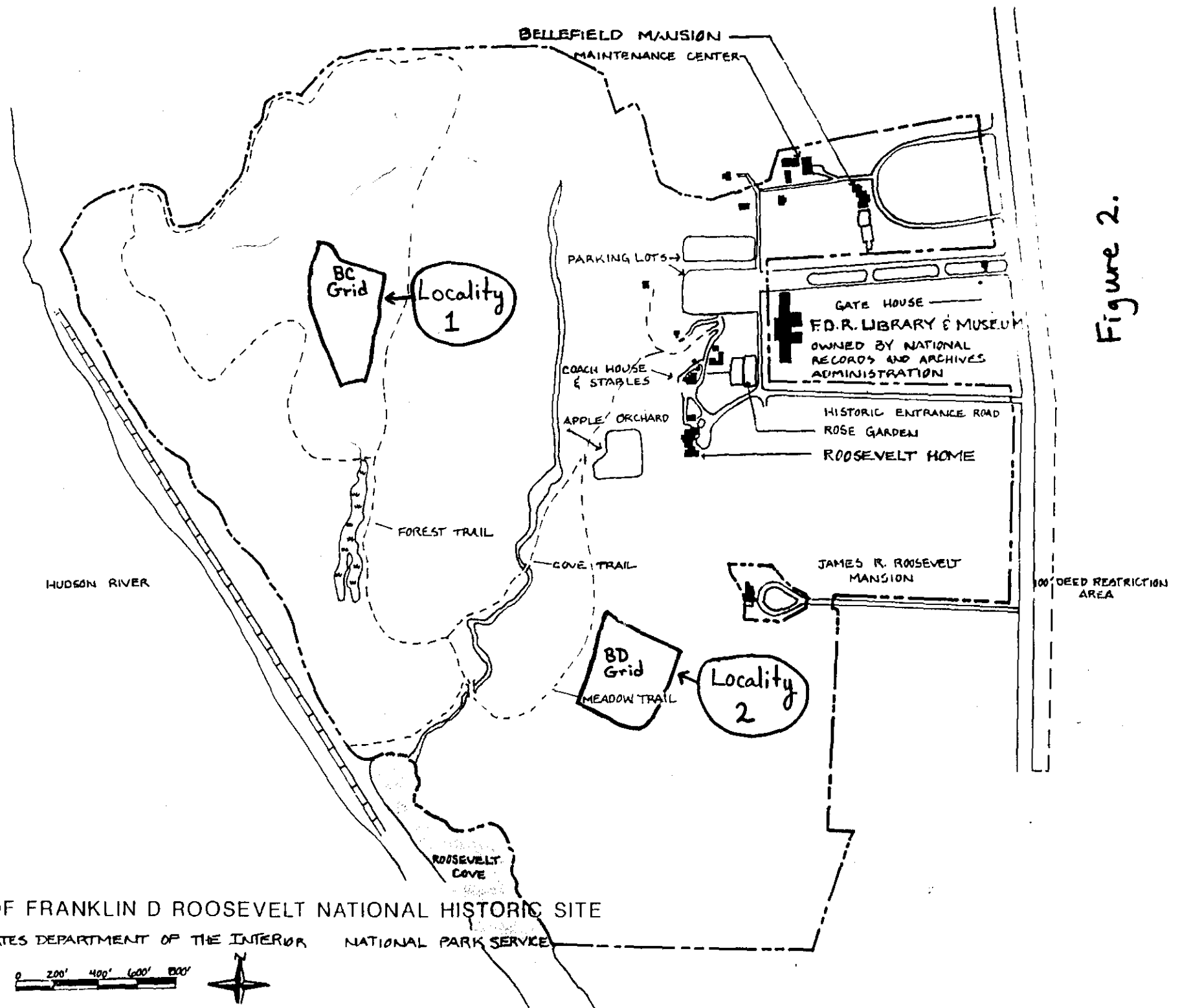
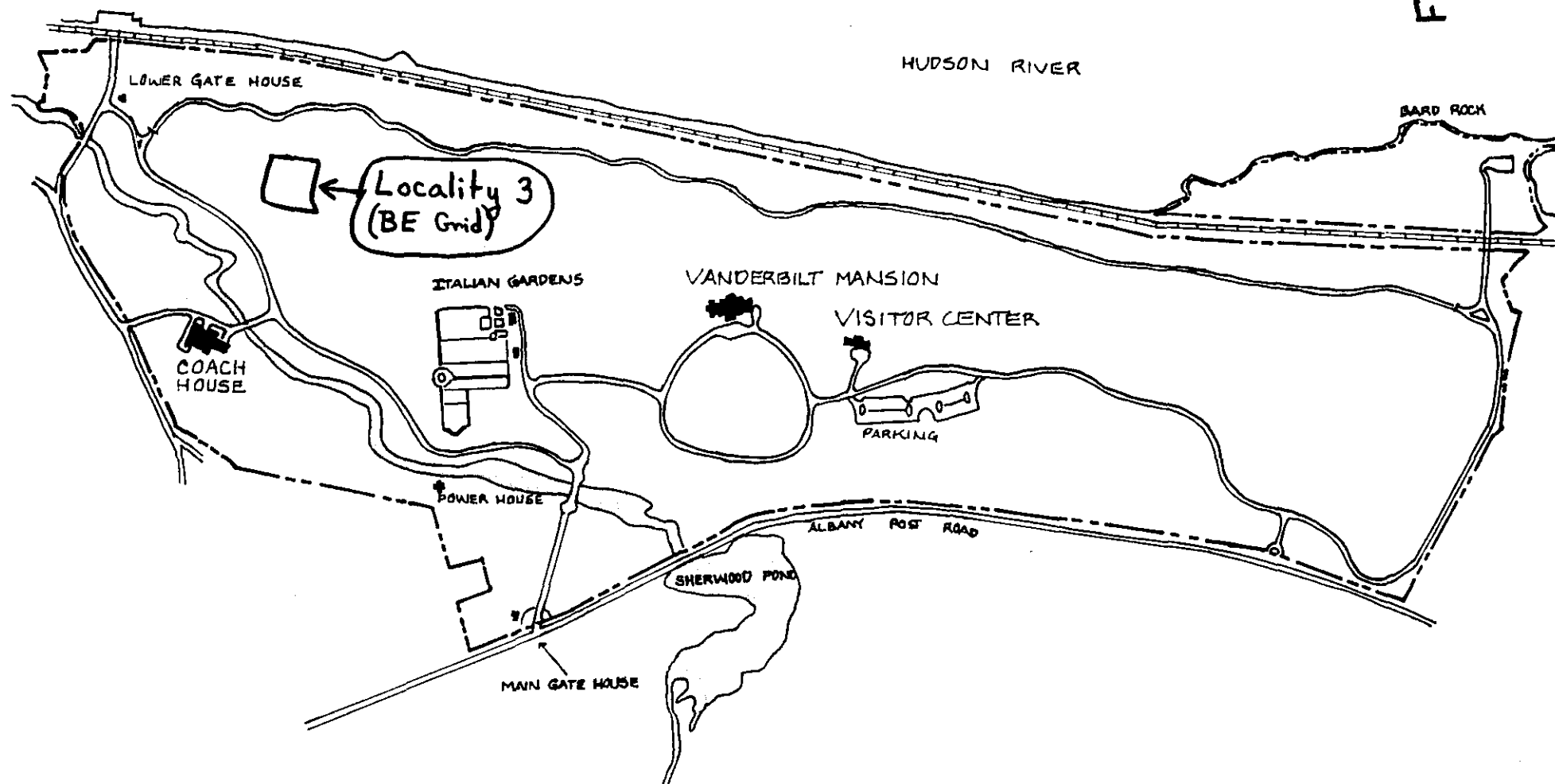


Figure 2.

HOME OF FRANKLIN D ROOSEVELT NATIONAL HISTORIC SITE

UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE

Figure 3.



VANDERBILT MANSION NATIONAL HISTORIC SITE
UNITED STATES DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

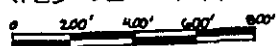
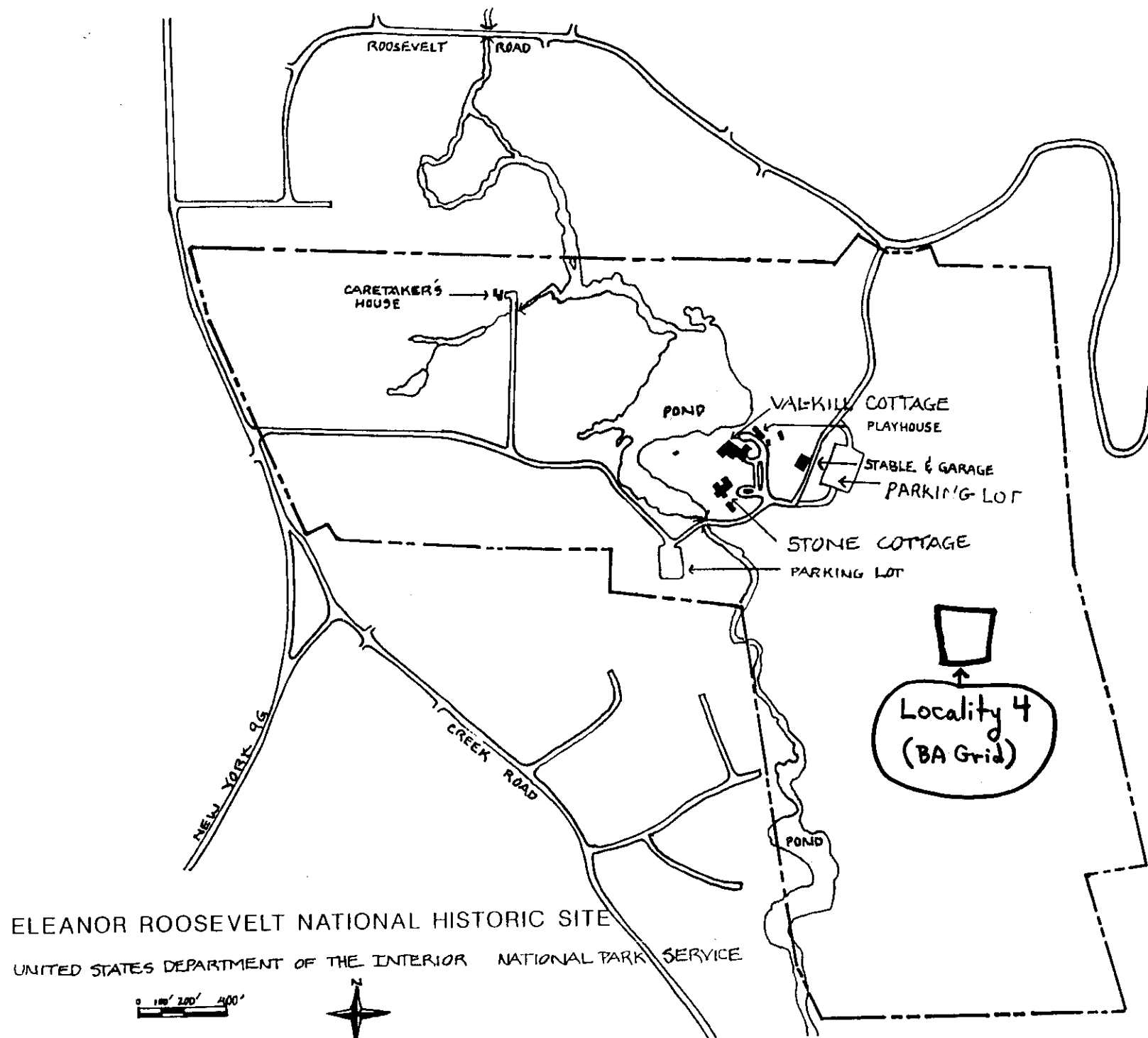


Figure 4.



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SUMMARY OF SPECIMENS COLLECTED AT HYDE PARK

LOCALITY	GENUS	SPECIES	FIELD #
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	BLARINA	BREVICAUDA	JB1145
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	BLARINA	BREVICAUDA	LC424
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	BLARINA	BREVICAUDA	LC434
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	BLARINA	BREVICAUDA	LC437
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	BLARINA	BREVICAUDA	LC438
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	BLARINA	BREVICAUDA	LC440
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	PEROMYSCUS	LEUCOPUS	JB1130
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	PEROMYSCUS	LEUCOPUS	JB1132
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	PEROMYSCUS	LEUCOPUS	JB1142
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	PEROMYSCUS	LEUCOPUS	JB1144
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	PEROMYSCUS	LEUCOPUS	JB1146A
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	PEROMYSCUS	LEUCOPUS	JB1147A
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	PEROMYSCUS	LEUCOPUS	LC421
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	PEROMYSCUS	LEUCOPUS	LC422
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	PEROMYSCUS	LEUCOPUS	LC423
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	PEROMYSCUS	LEUCOPUS	LC425
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	PEROMYSCUS	LEUCOPUS	LC432
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	PEROMYSCUS	LEUCOPUS	LC433
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	PEROMYSCUS	LEUCOPUS	LC435
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	PLETHODON	CINEREUS	PFS1500
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	PLETHODON	CINEREUS	LC439
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	PLETHODON	GLUTINOSUS	JB1131
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	SOREX	FUMEUS	JB1138
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	SOREX	FUMEUS	JB1139
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	SOREX	FUMEUS	JB1140
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	SOREX	FUMEUS	JB1141

SUMMARY OF SPECIMENS COLLECTED AT HYDE PARK

LOCALITY	GENUS	SPECIES	FIELD #
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	SOREX	FUMEUS	JB1143
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	SOREX	FUMEUS	LC426
E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS	SOREX	FUMEUS	LC436
F.D.R. NAT. HIST. SITE, WOODLAND	BLARINA	BREVICAUDA	JB1146B
F.D.R. NAT. HIST. SITE, WOODLAND	BLARINA	BREVICAUDA	JB1148
F.D.R. NAT. HIST. SITE, WOODLAND	PEROMYSCUS	LEUCOPUS	JB1134
F.D.R. NAT. HIST. SITE, WOODLAND	PEROMYSCUS	LEUCOPUS	JB1136
F.D.R. NAT. HIST. SITE, WOODLAND	PEROMYSCUS	LEUCOPUS	JB1137
F.D.R. NAT. HIST. SITE, WOODLAND	PEROMYSCUS	LEUCOPUS	LC430
F.D.R. NAT. HIST. SITE, WOODLAND	PEROMYSCUS	LEUCOPUS	LC431
F.D.R. NAT. HIST. SITE, WOODLAND	PLETHODON		LC431
F.D.R. NAT. HIST. SITE, WOODLAND	PLETHODON	CINEREUS	LC449
F.D.R. NAT. HIST. SITE, WOODLAND	SOREX	FUMEUS	JB1133
F.D.R. NAT. HIST. SITE, WOODLAND	SOREX	FUMEUS	JB1135
F.D.R. NAT. HIST. SITE, WOODLAND	SOREX	FUMEUS	JB1147B
F.D.R. NAT. HIST. SITE, WOODLAND	SOREX	FUMEUS	LC450
FDR NAT. HIST. SITE - MEADOW	MICROTUS	PENNSYLVANICUS	LC409
FDR NAT. HIST. SITE - MEADOW	MICROTUS	PENNSYLVANICUS	LC410
FDR NAT. HIST. SITE - MEADOW	MICROTUS	PENNSYLVANICUS	LC411
FDR NAT. HIST. SITE - MEADOW	MICROTUS	PENNSYLVANICUS	LC412
FDR NAT. HIST. SITE - MEADOW	MICROTUS	PENNSYLVANICUS	LC413
FDR NAT. HIST. SITE - MEADOW	MICROTUS	PENNSYLVANICUS	LC414
FDR NAT. HIST. SITE - MEADOW	MICROTUS	PENNSYLVANICUS	LC418
FDR NAT. HIST. SITE - MEADOW	MICROTUS	PENNSYLVANICUS	LC419
FDR NAT. HIST. SITE - MEADOW	MICROTUS	PENNSYLVANICUS	LC420
FDR NAT. HIST. SITE - MEADOW	MICROTUS	PENNSYLVANICUS	LC428
FDR NAT. HIST. SITE - MEADOW	MICROTUS	PENNSYLVANICUS	LC442
FDR NAT. HIST. SITE - MEADOW	MICROTUS	PENNSYLVANICUS	LC443
FDR NAT. HIST. SITE - MEADOW	MICROTUS	PENNSYLVANICUS	LC444
FDR NAT. HIST. SITE - MEADOW	MICROTUS	PENNSYLVANICUS	LC445
FDR NAT. HIST. SITE - MEADOW	MICROTUS	PENNSYLVANICUS	LC446
FDR NAT. HIST. SITE - MEADOW	RANA	CLAMITANS	LC429
FDR NAT. HIST. SITE - MEADOW	RANA	CLAMITANS	LC448
FDR NAT. HIST. SITE - MEADOW	ZAPUS	HUDSONIUS	LC447
VANDERBILT MANSION NAT. HIST. SITE - MEADOW	BLARINA	BREVICAUDA	LC403A

SUMMARY OF SPECIMENS COLLECTED AT HYDE PARK

LOCALITY		GENUS	SPECIES	FIELD #
VANDERBILT MANSION NAT. HIST. SITE - MEADOW		BLARINA	BREVICAUDA	LC404
VANDERBILT MANSION NAT. HIST. SITE - MEADOW		BLARINA	BREVICAUDA	LC405
VANDERBILT MANSION NAT. HIST. SITE - MEADOW		BLARINA	BREVICAUDA	LC406
VANDERBILT MANSION NAT. HIST. SITE - MEADOW		MICROTUS	PENNSYLVANICUS	LC397
VANDERBILT MANSION NAT. HIST. SITE - MEADOW		MICROTUS	PENNSYLVANICUS	LC398
VANDERBILT MANSION NAT. HIST. SITE - MEADOW		MICROTUS	PENNSYLVANICUS	LC399
VANDERBILT MANSION NAT. HIST. SITE - MEADOW		MICROTUS	PENNSYLVANICUS	LC400
VANDERBILT MANSION NAT. HIST. SITE - MEADOW		MICROTUS	PENNSYLVANICUS	LC401
VANDERBILT MANSION NAT. HIST. SITE - MEADOW		MICROTUS	PENNSYLVANICUS	LC402
VANDERBILT MANSION NAT. HIST. SITE - MEADOW		MICROTUS	PENNSYLVANICUS	LC403B
VANDERBILT MANSION NAT. HIST. SITE - MEADOW		MICROTUS	PENNSYLVANICUS	LC405
VANDERBILT MANSION NAT. HIST. SITE - MEADOW		MICROTUS	PENNSYLVANICUS	LC406
VANDERBILT MANSION NAT. HIST. SITE - MEADOW		MICROTUS	PENNSYLVANICUS	LC417
VANDERBILT MANSION NAT. HIST. SITE - MEADOW		MICROTUS	PENNSYLVANICUS	LC427
VANDERBILT MANSION NAT. HIST. SITE - MEADOW		MICROTUS	PENNSYLVANICUS	LC441

Specimens Collected at National Historic Sites - Aug 91

22:29 Monday, August 26, 1991

----- LOCALITY=E. ROOSEVELT NAT HIST SITE - VAL-KILL WOODS -----

FIELDNO	GENUS	SPECIES	DISPOS
JB1130	PEROMYSCUS	LEUCOPUS	SKIN AND SKELETON
JB1131	PLETHODON	GLUTINOSUS	
JB1132	PEROMYSCUS	LEUCOPUS	WET PRESERVE
JB1138	SOREX	FUMEUS	SKULL
JB1139	SOREX	FUMEUS	SKELETON
JB1140	SOREX	FUMEUS	WP AND SKULL
JB1141	SOREX	FUMEUS	SKELETON
JB1142	PEROMYSCUS	LEUCOPUS	SKELETON
JB1143	SOREX	FUMEUS	SKELETON
JB1144	PEROMYSCUS	LEUCOPUS	SKELETON
JB1145	BLARINA	BREVICAUDA	SKELETON
JB1146A	PEROMYSCUS	LEUCOPUS	UNKNOWN
JB1147A	PEROMYSCUS	LEUCOPUS	WP AND SKULL
LC421	PEROMYSCUS	LEUCOPUS	SKIN AND SKULL
LC422	PEROMYSCUS	LEUCOPUS	WET PRESERVE
LC423	PEROMYSCUS	LEUCOPUS	WET PRESERVE
LC424	BLARINA	BREVICAUDA	WET PRESERVE
LC425	PEROMYSCUS	LEUCOPUS	WET PRESERVE
LC426	SOREX	FUMEUS	WET PRESERVE
LC432	PEROMYSCUS	LEUCOPUS	WET PRESERVE
LC433	PEROMYSCUS	LEUCOPUS	WET PRESERVE
LC434	BLARINA	BREVICAUDA	WET PRESERVE
LC435	PEROMYSCUS	LEUCOPUS	WET PRESERVE
LC436	SOREX	FUMEUS	WP AND SKULL
LC437	BLARINA	BREVICAUDA	WET PRESERVE
LC438	BLARINA	BREVICAUDA	WET PRESERVE
LC439	PLETHODON	CINEREUS	WET PRESERVE
LC440	BLARINA	BREVICAUDA	SKULL
PFS1500	PLETHODON	CINEREUS	WET PRESERVE

FIELD NO	GENUS	SPECIES	DISPOS
LC409	MICROTUS	PENNSYLVANICUS	WET PRESERVE
LC410	MICROTUS	PENNSYLVANICUS	SKELETON
LC411	MICROTUS	PENNSYLVANICUS	WET PRESERVE
LC412	MICROTUS	PENNSYLVANICUS	WET PRESERVE
LC413	MICROTUS	PENNSYLVANICUS	SKELETON
LC414	MICROTUS	PENNSYLVANICUS	WET PRESERVE
LC418	MICROTUS	PENNSYLVANICUS	WP AND SKULL
LC419	MICROTUS	PENNSYLVANICUS	WP AND SKULL
LC420	MICROTUS	PENNSYLVANICUS	WP AND SKULL
LC438	MICROTUS	PENNSYLVANICUS	SKULL
LC439	RANA	CLAMITANS	
LC442	MICROTUS	PENNSYLVANICUS	WET PRESERVE
LC443	MICROTUS	PENNSYLVANICUS	WET PRESERVE
LC444	MICROTUS	PENNSYLVANICUS	SKULL
LC445	MICROTUS	PENNSYLVANICUS	WET PRESERVE
LC446	MICROTUS	PENNSYLVANICUS	WET PRESERVE
LC447	ZAPUS	HUDSONIUS	SKELETON
LC448	RANA	CLAMITANS	WET PRESERVE

22:29 Monday, August 25, 1991

(6)

----- LOCALITY=HOME OF F.D.R. NAT. HIST. SITE, WOODLAND -----

FIELDNO	GENUS	SPECIES	DISPOS
JB1133	SOREX	FUMEUS	SKIN AND SKELETON
JB1134	PEROMYSCUS	LEUCOPUS	SKIN AND SKULL
JB1135	SOREX	FUMEUS	SKIN AND SKELETON
JB1136	PEROMYSCUS	LEUCOPUS	SKELETON
JB1137	PEROMYSCUS	LEUCOPUS	SKELETON
JB1146B	BLARINA	BREVICAUDA	SKELETON
JB1147B	SOREX	FUMEUS	SKELETON
JB1148	BLARINA	BREVICAUDA	SKULL
LC430	PEROMYSCUS	LECOPUS	WET PRESERVE
LC431	PEROMYSCUS	LECOPUS	WET PRESERVE
LC449	PLETHODON	CINEREUS	WET PRESERVE
LC450	SOREX	FUMEUS	WET PRESERVE
LC451	PLETHODON		WET PRESERVE

FIELD NO	GENUS	SPECIES	DISPOS
LC397	MICROTUS	PENNSYLVANICUS	SKELETON
LC398	MICROTUS	PENNSYLVANICUS	WET PRESERVE
LC399	MICROTUS	PENNSYLVANICUS	WET PRESERVE
LC400	MICROTUS	PENNSYLVANICUS	SKIN AND SKULL
LC401	MICROTUS	PENNSYLVANICUS	SKELETON
LC402	MICROTUS	PENNSYLVANICUS	SKIN AND SKULL
LC403A	BLARINA	BREVICAUDA	SKIN AND SKELETON
LC403B	MICROTUS	PENNSYLVANICUS	SKELETON
LC404	BLARINA	BREVICAUDA	SKELETON
LC405	BLARINA	BREVICAUDA	SKIN AND SKELETON
LC406	BLARINA	BREVICAUDA	SKELETON
LC415	MICROTUS	PENNSYLVANICUS	SKELETON
LC416	MICROTUS	PENNSYLVANICUS	WP AND SKULL
LC417	MICROTUS	PENNSYLVANICUS	WP AND SKULL
LC427	MICROTUS	PENNSYLVANICUS	WET PRESERVE
LC441	MICROTUS	PENNSYLVANICUS	WET PRESERVE

Vh...

Record#	FIELDNO	GENUS	SPECIES
58	5B1145	BLARINA	BREVICAUDA
54	LC424	BLARINA	BREVICAUDA
70	LC434	BLARINA	BREVICAUDA
72	LC437	BLARINA	BREVICAUDA
74	LC438	BLARINA	BREVICAUDA
76	LC440	BLARINA	BREVICAUDA
49	5B1140	PEROMYSCUS	LEUCOPUS
50	5B1142	PEROMYSCUS	LEUCOPUS
55	5B1143	PEROMYSCUS	LEUCOPUS
57	5B1144	PEROMYSCUS	LEUCOPUS
59	5B1145	PEROMYSCUS	LEUCOPUS
60	5B1147	PEROMYSCUS	LEUCOPUS
61	LC421	PEROMYSCUS	LEUCOPUS
62	LC422	PEROMYSCUS	LEUCOPUS
53	LC423	PEROMYSCUS	LEUCOPUS
65	LC425	PEROMYSCUS	LEUCOPUS
58	LC426	PEROMYSCUS	LEUCOPUS
59	LC428	PEROMYSCUS	LEUCOPUS
71	LC435	PEROMYSCUS	LEUCOPUS
65	5B1150	PLETHODON	CINEREUS
75	LC439	PLETHODON	CINEREUS
43	5B1151	PLETHODON	GLUTINOSUS
51	5B1158	SOREX	FUMEUS
52	5B1159	SOREX	FUMEUS
53	5B1140	SOREX	FUMEUS
54	5B1141	SOREX	FUMEUS
56	5B1149	SOREX	FUMEUS
57	LC436	SOREX	FUMEUS
70	LC439	SOREX	FUMEUS

Record-	FIELD NO	GENUS	SPECIES
1	531145B	BLARINA	BREVICAUDA
2	531148	BLARINA	BREVICAUDA
3	531134	PEROMYSCUS	LEUCOPUS
4	531135	PEROMYSCUS	LEUCOPUS
5	531137	PEROMYSCUS	LEUCOPUS
6	10430	PEROMYSCUS	LEUCOPUS
10	10431	PEROMYSCUS	LEUCOPUS
12	10431	PEROMYSCUS	LEUCOPUS
14	10433	PEROMYSCUS	LEUCOPUS
15	531136	PEROMYSCUS	LEUCOPUS
16	531135	PEROMYSCUS	LEUCOPUS
17	531147B	PEROMYSCUS	LEUCOPUS
18	10430	PEROMYSCUS	LEUCOPUS
19	10431	PEROMYSCUS	LEUCOPUS
20	10433	PEROMYSCUS	LEUCOPUS
21	531136	PEROMYSCUS	LEUCOPUS
22	531135	PEROMYSCUS	LEUCOPUS
23	531147B	PEROMYSCUS	LEUCOPUS
24	10430	PEROMYSCUS	LEUCOPUS
25	10431	PEROMYSCUS	LEUCOPUS
26	10433	PEROMYSCUS	LEUCOPUS
27	531136	PEROMYSCUS	LEUCOPUS
28	531135	PEROMYSCUS	LEUCOPUS
29	531147B	PEROMYSCUS	LEUCOPUS
30	10430	PEROMYSCUS	LEUCOPUS
31	10431	PEROMYSCUS	LEUCOPUS
32	10433	PEROMYSCUS	LEUCOPUS
33	531136	PEROMYSCUS	LEUCOPUS
34	531135	PEROMYSCUS	LEUCOPUS
35	531147B	PEROMYSCUS	LEUCOPUS
36	10430	PEROMYSCUS	LEUCOPUS
37	10431	PEROMYSCUS	LEUCOPUS
38	10433	PEROMYSCUS	LEUCOPUS
39	531136	PEROMYSCUS	LEUCOPUS
40	531135	PEROMYSCUS	LEUCOPUS
41	531147B	PEROMYSCUS	LEUCOPUS
42	10430	PEROMYSCUS	LEUCOPUS
43	10431	PEROMYSCUS	LEUCOPUS
44	10433	PEROMYSCUS	LEUCOPUS
45	531136	PEROMYSCUS	LEUCOPUS
46	531135	PEROMYSCUS	LEUCOPUS
47	531147B	PEROMYSCUS	LEUCOPUS
48	10430	PEROMYSCUS	LEUCOPUS
49	10431	PEROMYSCUS	LEUCOPUS
50	10433	PEROMYSCUS	LEUCOPUS
51	531136	PEROMYSCUS	LEUCOPUS
52	531135	PEROMYSCUS	LEUCOPUS
53	531147B	PEROMYSCUS	LEUCOPUS
54	10430	PEROMYSCUS	LEUCOPUS
55	10431	PEROMYSCUS	LEUCOPUS
56	10433	PEROMYSCUS	LEUCOPUS
57	531136	PEROMYSCUS	LEUCOPUS
58	531135	PEROMYSCUS	LEUCOPUS
59	531147B	PEROMYSCUS	LEUCOPUS
60	10430	PEROMYSCUS	LEUCOPUS
61	10431	PEROMYSCUS	LEUCOPUS
62	10433	PEROMYSCUS	LEUCOPUS
63	531136	PEROMYSCUS	LEUCOPUS
64	531135	PEROMYSCUS	LEUCOPUS
65	531147B	PEROMYSCUS	LEUCOPUS
66	10430	PEROMYSCUS	LEUCOPUS
67	10431	PEROMYSCUS	LEUCOPUS
68	10433	PEROMYSCUS	LEUCOPUS
69	531136	PEROMYSCUS	LEUCOPUS
70	531135	PEROMYSCUS	LEUCOPUS
71	531147B	PEROMYSCUS	LEUCOPUS
72	10430	PEROMYSCUS	LEUCOPUS
73	10431	PEROMYSCUS	LEUCOPUS
74	10433	PEROMYSCUS	LEUCOPUS
75	531136	PEROMYSCUS	LEUCOPUS
76	531135	PEROMYSCUS	LEUCOPUS
77	531147B	PEROMYSCUS	LEUCOPUS
78	10430	PEROMYSCUS	LEUCOPUS
79	10431	PEROMYSCUS	LEUCOPUS
80	10433	PEROMYSCUS	LEUCOPUS
81	531136	PEROMYSCUS	LEUCOPUS
82	531135	PEROMYSCUS	LEUCOPUS
83	531147B	PEROMYSCUS	LEUCOPUS
84	10430	PEROMYSCUS	LEUCOPUS
85	10431	PEROMYSCUS	LEUCOPUS
86	10433	PEROMYSCUS	LEUCOPUS
87	531136	PEROMYSCUS	LEUCOPUS
88	531135	PEROMYSCUS	LEUCOPUS
89	531147B	PEROMYSCUS	LEUCOPUS
90	10430	PEROMYSCUS	LEUCOPUS
91	10431	PEROMYSCUS	LEUCOPUS
92	10433	PEROMYSCUS	LEUCOPUS
93	531136	PEROMYSCUS	LEUCOPUS
94	531135	PEROMYSCUS	LEUCOPUS
95	531147B	PEROMYSCUS	LEUCOPUS
96	10430	PEROMYSCUS	LEUCOPUS
97	10431	PEROMYSCUS	LEUCOPUS
98	10433	PEROMYSCUS	LEUCOPUS
99	531136	PEROMYSCUS	LEUCOPUS
100	531135	PEROMYSCUS	LEUCOPUS

Record#	FIELD NO	GENUS	SPECIES
00	10103A	BLARINA	BREVICAUDA
01	10104	BLARINA	BREVICAUDA
02	10105	BLARINA	BREVICAUDA
03	10106	BLARINA	BREVICAUDA
04	10107	MICROCTUS	PENNSYLVANICUS
05	10108	MICROCTUS	PENNSYLVANICUS
06	10109	MICROCTUS	PENNSYLVANICUS
07	10110	MICROCTUS	PENNSYLVANICUS
08	10111	MICROCTUS	PENNSYLVANICUS
09	10112	MICROCTUS	PENNSYLVANICUS
10	10113	MICROCTUS	PENNSYLVANICUS
11	10114	MICROCTUS	PENNSYLVANICUS
12	10115	MICROCTUS	PENNSYLVANICUS
13	10116	MICROCTUS	PENNSYLVANICUS
14	10117	MICROCTUS	PENNSYLVANICUS
15	10118	MICROCTUS	PENNSYLVANICUS
16	10119	MICROCTUS	PENNSYLVANICUS

TRAP LINE RECORD

Project No. Mammals of New York
Name Paul F. Steblein

Locality 1

Trap Line No. BC Grid Total Trap Nights 397 Total Catch 11 mammals
Locality NY, Dutchess Co., Hyde Park Twp., Home of F.D. Roosevelt of Nat. Hist. Site
U. S. G. S. Quadrangle Hyde Park 7.5 min. USGS Photos UTM N. 462425D UTM E. 58789D
Cover Northern Hardwood Forest

Soil..... Exposure NW..... Altitude 70' 21.3 m.....

Habitat: Extensive..... Isolated ^{Yes}..... Approximate Size.....

Adjoining habitats.....

Description of trap line 5 lines of 5 stations - 4 traps/station - 1 pit 2 misspec, + 1 mus or Rat
Bait: Peanut butter/rolled oats

Kind of trap Pit Museum Special Rat Date set 20 Aug 1991 Date removed 23 Aug 1991

Weather.....

Date	E.S.T.	Number of Traps	<i>Blarina brevicauda</i>	<i>Sorex fumeus</i>	<i>Peromyscus leucopus</i>	<i>Microtus pennsylvanicus</i>	<i>Fleothodon citreus</i>	<i>Ambystoma</i>	Total
20 Aug 1991		97 (3 added)		2	3	—			5
21 Aug 1991		100	2	1	—	—			3
22 Aug 1991		100	—	—	2	—			2
23 Aug 1991		100	—	—	—	—			1
Totals			2	4	5				11

Date _____

Comments and sight records

29 Aug 1991

obs Strong Salamander while setting, and many Ran sylvatica

20 Aug 1991

Obs wwd frog

21 Aug' 1991

Capture 2 Spotted Salamanders in Pit traps

Observed Tamias striatus 100m from Grid, half way between BC + BD grid

Weather: Temp: _____ Max: _____ Min: _____ Precip: _____ Amt: _____ Humidity: 60% Wind: 3 mph CC: 100%
Starting no: 78136 Comments: _____

[illegible]

Weather: Temp: _____ Max: _____ Min: _____ Precip: Rain Amt: _____ Humidity: _____ Wind: _____ CC: _____
Starting no: JB 1146 Comments: NYSM 10388-10390

[illegible]

Date: 21 Aug 191 Time: 9²⁶ State: NY Co: Dutchess Town: Hyde Park Loc: Home of FDR, Nat. Hist. Site
 Observers: Stablein/Bupp Habitat: Northern Hardwoods Grd: BC
 Weather: Temp: _____ Max: _____ Min: _____ Precip: Rain Amt: _____ Humidity: _____ Wind: _____ CC: _____
 Starting no: JB1148 Comments: _____

Stat	Trap	Spp	Spec #	Microhabitat/setting	TL	TV	HF	ER	WT	SEX	Age	Reproduction	Tis/Par	Disp
BC15	2 mus snap			pit set										
BC16	3 mus snap			pit set										
BC17	3 mus snap			/ pit set										
BC18	mus snap			/ 2 mus set										
BC18	Pit			Settled Ambystoma - released										
BC19	Mus	B1br	JB1148	Set by 10% (80%) 70% 10% left	118	26	14	9	14.0g	♀	SA	small uterus no scars	HKL	skel Skull + W
BC19	2 mus snap			/ pit set										
BC20	3 mus snap			/ pit set										
BC25	2 mus snap			/ pit pulled / mus set										
BC24	3 mus snap			/ pit set										
BC23	3 mus snap			/ pit set										
BC22	3 mus snap			pit pulled										
BC21	3 mus snap			/ pit set										
BC22	Pit			Settled Ambystoma										
	obs	T ₁		bin road by stream										

NYSM
10390

LC 421

[illegible]

Starting no: LC 430 Comments: _____

NYSM
1039/1

Weather: Temp: _____ Max: _____ Min: _____ Precip: _____ Amt: _____ Humidity: _____ Wind: _____ CC: _____
Starting no: LC 450 Comments: _____

[illegible]

Locality 2

Trap Line No. 806. Total Trap Nights 400 Total Catch 15 Mice.

U.S.C.S. Quadrangle Hyde Park 75 n.w. Quad Photos. WINN 4/27/80 WINN 588370

Let P be a point in the interior of the circle.

Approximate Size	Habitat: Extensive	Isolated	
		X	

BC, I... 125 cm x 100 mm

Weather

Year	Percentage of population aged 65 and over
1960	12.5
1965	13.0
1970	13.5
1975	14.0
1980	14.5
1985	15.0
1990	15.5
1995	16.0
2000	16.5
2005	17.0
2010	22.5

Date	E.S.T.	Number of Traps
20 Aug 91	100 (-5)	6 Microtus pennsylvanicus
21 Aug 91	100	3 Blarina brevicauda
22 Aug 91	180	1 Zapus hudsonius
23 Aug 91	180	4 Green frog
Totals	14	15

Weather: Temp: _____ Max: _____ Min: _____ Precip: _____ Amt: _____ Humidity: _____ Wind: _____ CC: _____
Starting no: _____ Comments: NYSM# 10412-10417

[illegible]

Weather: Temp: _____ Max: _____ Min: _____ Precip: _____ Amt: _____ Humidity: _____ Wind: _____ CC: _____
Starting no: _____ Comments: _____

[illegible]

Date: 21 Aug 91 Time: 905 State: NY Co: DUTCHESS Town: HYDE PARK Loc: FDR Lawngrove
Observers: Buckley/Craig Habitat: Mowed field Grd: BD
Weather: Temp: _____ Max: _____ Min: _____ Precip: Raining Amt: _____ Humidity: _____ Wind: _____ CC: 100%
Starting no: 418 Comments: NYSM # 10418-10420

[illegible]

Weather: Temp: 62 Max: 62 Min: 50 Precip: Light Amt: 0.0 Humidity: 70 Wind: 10 CC: 100%
Starting no: 10420 Comments:

[illegible]

Date: 22 Aug 91 Time: 0910 State: NY Co: Dutchess Town: Hyde Park Loc: FDR Meadow
 Sd: RD

Date: 10/1/81 Observers: Bopp/Craig Habitat: Mowed field Grd: BV

Heather: Temp: Max: Min: Precip: Amt: Humidity: Wind: CC:

Starting no: LC429 Comments: _____

[illegible]

Date: 23 Aug 1991 Time: 955 State: NY Co: Dutchess Town: Hyde Park Loc: FDR Meadow
 Observers: Craig/Buckley/Bopp Habitat: Mowed field Grd: BD

Weather: Temp: _____ Max: _____ Min: _____ Precip: _____ Amt: _____ Humidity: _____ Wind: _____ CC: _____
 Starting no: LC442 Comments: NYSM 10422-10427

Stat	Trap	Spp	Spec #	Microhabitat/setting	TL	TV	HF	ER	WT	SEX	Age	Reproduction	Tis/Par	Disp
BD1	all	set	pit	OK										
BD2	"	"	"											
BD3	"	"	"											
BD4	1 snap	2 set	pit	OK										
BD5	all	set		" "										
BD6	"	"		" "										
BD7	"	"		" "										
BD8	2	set	1 snap											
BD9	all	set	pit	OK										
BD10	all	set	" "											
BD11	all	set	" "											
BD12	"	"	" "											
BD13	1 snap	2 set	pit	OK										
BD14	all	set		" "										
45M 422 BD15	mns	mipo	LC442	100% Grass Cover	—	—	20	15	22.4	Fe	SA	Small uterus Eaten on tail, skull, feet	—	wp

Weather: Temp: _____ Max: _____ Min: _____ Precip: _____ Amt: _____ Humidity: _____ Wind: _____ CC: _____
Starting no: LC 442 Comments: _____

[illegible]

Locality 3

39

Locality Vashlybait Meadow New York, Dutchess Co., Hyde Park Inn, Vondickbait Nekt. Hirt Park.

Photos UTMN 462600

COVER ~ 50% Forbs 50% Grasses + Cereals
Meadow - Mowed couple times a year

Altitude 451

Habitat: Extensive..... Isolated..... Approximate Size.....

Adjoining habitats: Deciduous Woodland

De. J. van der Woude

Description of trap line: 5x5 grid with 10 meter spacing. Each station had 4 traps (3 must + 1 pit).

Peanut butter collected eggs for bait

Kind of traps $\frac{75\%}{25\%}$ $\frac{\text{Museum special}}{\text{pit traps}}$

Date rec'd. 20 Aug 1971

23 Aug 1991 Date removed

Walter.

Date	E. S. I.	Number of Traps	Totals	Comments and sight records
20 Aug 91		100	7	<i>Microtus pennsylvanicus</i>
21 Aug 91		100	3	<i>Blarina brevicauda</i>
22 Aug 91		100	1	<i>Blarina brevicauda</i>
23 Aug 91		100	1	<i>Blarina brevicauda</i>
			16	Total

Weather: Temp: 70 Max: Min: Precip: overcast Amt: Humidity: Wind: CC:
Starting no: LC 397 Comments: 19-Aug-91 12 hours of rain NYSM 10396-10406

[illegible]

Date: 21 / Aug 91 Time: 8⁰⁵ - 8³⁵ State: NY Co: DUTCHESS Town: HYDE PK Loc: Vander built meadows
 Observers: Buckley / Craig Habitat: Mowed field - Black-eyed Grd: BE
sugars, Plantain, grasses, rubus
 Weather: Temp: Max: Min: Precip: Amt: Humidity: Wind: slight CC: 100 %
 Starting no LC 415/1 Comments:

415
 416
 417

[illegible]

[illegible]

Date: 23 Aug 91 Time: 9:10 State: N.Y. Co: Dutchess Town: Hyde Park Loc: Vanderbilt Meadow
 Observers: Craig/Buckley/Bopp Habitat: Mowed field - Black-eyed Susans Grd: BE Vanderbilt Meadow
 Weather: Temp: _____ Max: _____ Min: _____ Precip: _____ Amt: _____ Humidity: _____ Wind: _____ CC: _____
 Starting no: LC441 Comments: NYSM 10411

[illegible]

Date: 23 Aug 91 Time: 9:55 State: NY Co: Dutchess Town: Hyde Park Loc: Vanderbilt Meadow
Observers: Bopp/Buckley/Craig Habitat: Meadow-Field, Black-eyed Susan Grd: BE Vanderbilt
plantain, grasses, rubus
Weather: Temp: _____ Max: _____ Min: _____ Precip: _____ Amt: _____ Humidity: _____ Wind: _____ CC: _____
Starting no: LC441 Comments: _____

[illegible]

Locality 4

Trap Line No. BA 6nd Total Trap Nights 400 Total Catch 36 mammals

Northwood Forest

Exposure: Not East.

Isolated.

25 stations (5 links w/ 5 stations) + 10 m b/s hours All but one

Date removed 23 Aug 1971.

WOLFE

Comments and sign records

Date	Location	Notes
30 Aug 1991	3 Red backed Salamander, 1 Slimy Salamander, 2 Red eft Warts	
21 Aug 1991	Obs Jefferson Salamander	
22 Aug 1991	Red backed and Slimy Salamanders	Caught - Slimy released
23 Aug 1991	Obs wood frog	

Date: 20 / Aug / 91 Time: 758 State: NY Co: Dutchess Town: Huyle Park Loc: Elmer Rogers H. Nat. Hist. Site
Observers: P. Sklar, J. Bopp, D. Hayes Habitat: North Hardwood Grd: BA and - Valkill Woods
Weather: Temp: _____ Max: _____ Min: _____ Precip: 1 in. Amt: _____ Humidity: 60% Wind: 0 cc: 100%
Starting no: JB 1130 Comments: NYSM 10428 - 10429

[illegible]

Date: 20/ Aug/ 91 Time: 7⁵⁸ State: NY Co: Dutchess Town: Hyde Park Loc: Eleanor Roosevelt - Woods
Observers: Stebelin/Boep/Hayes Habitat: Northern Hardwoods Grd: BA Grd Val-Kill Woods
Weather: Temp: Max: Min: Precip: Raining Amt: Humidity: 60% Wind: 0 CC: 100%
Starting no: 38/131 Comments:

[illegible]

Yal-Kill Woods

[illegible]

Date: 21 Aug 1991 Time: 0810 State: NY Co: Dutchess Town: Hyde Park Loc: Val Kill Woods - E. Roosevelt
 Observers: P. Steblein, J Bopp Habitat: Northern Hardwoods Grd: BA woods

Weather: Temp: _____ Max: _____ Min: _____ Precip: Rain Amt: _____ Humidity: 60% Wind: 0-2 CC: 100%
 Starting no: LC415 Comments: NYSM # 10430 - 10439

JB 1138

Stat	Trap	Spp	Spec #	Microhabitat/setting	TL	TV	HF	ER	WT	SEX	Age	Reproduction	Tis/Par	Disp
BA1	2 mus	snap/pit	mus set											
BA2	mus snap	/ 2 mus	pit set											
BA3	2 mus	/ Rat	pit set											
BA4	mus snap	/ 2 mus	pit set											
BA5	mus snap	/ 2 mus	pit set											
BA6	2 mus	snap / mus	pit set											
BA7	2 mus	snap / mus	set											
NYSM 10430	BA7	Pit	Sofu	JB1138	set by vertical rock - Ash fern shrub sealings 90% leaf cover	117	45	12	9	5.15	♀	SA	uterus small	HKL ~~WP + SKel~~
NYSM 10431	BA7	Pit	Sofu	JB1139		114	46	13	10	5.8	♂	SA	test 1x1 epid non conc.	HKL ~~WP~~ skel
NYSM 10432	BA7	Pit	Sofu	JB1140		112	44	13	9	5.5	♀	SA	uterus small	~~WP + SKel~~
NYSM 10433	BA7	Pit	Sofu	JB1141		115	47	12	9	5.5	♀	SA	uterus small	~~WP + SKel~~
BA8	2 mus	snap	mus pit set											
BA9	2 mus	snap / 2 Pit	mus set											
BA10	3 mus	snap / pit	set											
BA11	2 mus	snap	pit set											

Sofu Pile Blkr
 5 4 1

Date: 21 Aug 1991 Time: 8¹⁰ State: NY Co: Dutchess Town: Hyde Park Loc: Val Kill Woods - E. Roosevelt Wood
 Observers: Stebblein / Bopp Habitat: Northern Hardwoods Grd: BA
 Weather: Temp: _____ Max: _____ Min: _____ Precip: Rain Amt: _____ Humidity: 100% Wind: 0-2 mph CC: 100%
 Starting no: JB1142 Comments: _____

	Stat	Trap	Spp	Spec #	Microhabitat/setting	TL	TV	HF	ER	WT	SEX	Age	Reproduction	Tis/Par	Disp
NYSM 10434	BA11	Mus	Pele	JB1142	Set at holes under boards at base of hornbeam tree	150	73	20	16	17.2	♂	SA	1st 7x5	HKL	Skel
					55% leaf, 25% rock, 5% fern seedlings										
	BA12	3 mus	snare	Pit set											
	BA13	2 mus	/rat	Pit set											
	BA14	4 mus	snare												
	BA15	Mus	snare	Pit set	Mus snapped had Pele eye										
	BA16	2 mus	snare	Mus Pit set											
	BA17	2 mus	snare	Mus pit set											
	BA18	2 mus	snare	2 mus Pit set											
NYSM 10435	BA19	Pit	Salv	JB1143	Set by root of hornbeam scattered herbs 95% leaf	118	46	14	10	6.1	♀	SA	Small uterus	HKL	Skeleton
	BA19	Rat	2 mus	set											
	BA20	obs	Jefferson Salamander	- definite											
		obs	red eft												
	BA20	mus	snare	Mus Pit set											
NYSM 10436	BA20	Mus	Pele	JB1144	set under stem log maple leaf viburnum rel. common	174	80	21	19	30.5	♀	Ad	Emb. = 5 2L 3R CR = 16mm	HKL	Skeleton

Date: 22 Aug 91 Time: 800

State: NY Co: Dutchess Town: Hyde pk. Loc: Val-Kill Woods - E. Road

Observers: BOPP, CRAIG

Habitat: Northern Hardwoods

Grd: BA

Wood

Weather: **Temp:** _____ **Max:** _____ **Min:** _____ **Precip:** _____ **Amt:** _____ **Humidity:** _____ **Wind:** _____ **CC:** _____

Starting no: LC 421 Comments: NYSM # 10440-10445

~~JB 1149~~

[illegible]

Date: 23 Aug 91 Time: 800 State: NY Co: Dutchess Town: Hyde Pk. Loc: BA - E. Roosevelt Woods
 Observers: Bopp/Buckley/Craig Habitat: Northern Hardwoods Grd: Val-Kill Woods
 Weather: Temp: _____ Max: _____ Min: _____ Precip: _____ Amt: _____ Humidity: _____ Wind: _____ CC: 50%
 Starting no: _____ Comments: NYSM 10446-10451 and 10394 + 10395

Stat	Trap	Spp	Spec #	Microhabitat/setting	TL	TV	HF	ER	WT	SEX	Age	Reproduction	Tis/Par	Disp
BA1	3	mus	set	pit OK										
BA2	mus	oven bird	no #	escaped - log trapped										
BA2	mus	set rat	set	pit empty										
BA3	all	set	pit	OK										
BA4	all	set	pit	OK										
BA5	2 set		pit OK	1 mus E blood escaped animal										
BA6	2 set		pit	OK										
NYSM 10446 BA6	mus	Pek	LC 432	seedlings (tree) 10% leaf litter 80, rock 10%	187	92	22	19	26.4	Ma	Ad	Testis 7x12 Conv. Epi Surt	—	WP
NYSM 10447 BA7	mus	Pek	LC 433	40% rock 60% leaf litter	162	80	21	19	16.6	Ma	SA/Ad	Testis 4x7 Surtissue from Bot Fly larva	—	WP
BA7	2 set		pit	OK										
BA8	1 snap		rest	OK										
BA9	all	set												
NYSM 10448 BA10	mus	Blbr	LC 434	50% lg. branches 10% seedling rest leaf litter	128	28	16	10	20.1	Ma	Ad	Testis 6x8 Conv. Epi	—	WP
BA10	2 mus		pit	OK										
NYSM 10449 BA11	mus	Pek	LC 435	10% rock 90% leaf litter	170	[82]	22	19	17.2	Ma	SA/Ad	Testis eaten by another animal	—	WP
BA11	2 set		pit	OK										

BA11 2 set pit OK under hemlock

Weather: Temp: _____ Max: _____ Min: _____ Precip: _____ Amt: _____ Humidity: _____ Wind: _____ CC: 50%
Starting no: _____ Comments: _____

Stat	Trap	Spp	Spec #	Microhabitat/setting	TL	TV	HF	ER	WT	SEX	Age	Reproduction	Tis/Par	Disp
BA12	all	set	pit	OK										
BA13	all	set	pit	OK										
BA14	all	set	no pit	4 mus										
NYSM 0450 BA15	Mus	Sofu	LC436		116	46	13	10	5.1	Ma	SA	Testis 1x2	—	WP + Skull
BA16	all	set	pit	OK										
BA17	all	set	2 mus pit	OK										
NYSM 10451 BA17	Mus	Bibr	LC437	slope covered w leaf litter (70%) rocks (20%) and mud (10%)	128	31	16	10	17.1	Ma	SA	Testis 2x3	—	WP
BA18	all	set												
BA19	all	set												
BA20	all	set	(3 mus)											
BA21	all	set												
BA22	all	set		(wood frag) observed										
NYSM 10094 BA23	Mus	Bibr	LC438	by lg. rock covered w 100% leaf litter	117	26	13	10	13.6	Fe	SA	Sm uterus	—	WP
BA24	PIT	Pici	LC439						0.3			Tail missing	—	WP
BA25	nest	set												
NYSM 10395 BA25	Mus	Bibr	LC440	set by 13cm log 15% rock 15% fern/secadling	26	16	—	—	—	Ma	Ad	Testis 6x8 Conu. Epi	—	Skull

SPECIMENS SENT TO HYDE PARK

<u>SPECIMEN</u>	<u>MUSEUM NUMBER</u>	<u>LOCALITY</u>
<u>Sorex fumeus</u> female	10383	Hyde Park
<u>Sorex fumeus</u> male	9116	Cobleskill
<u>Microtus pennsylvanicus</u> female	10399	Hyde Park
<u>Microtus pennsylvanicus</u> male	5307	Oswego Co.
<u>Blarina brevicauda</u> male	10405	Hyde Park
<u>Blarina brevicauda</u> female	5317	Oswego Co.
<u>Peromyscus leucopus</u> male	10384	Hyde Park
<u>Peromyscus leucopus</u> female	4641	Oswego Co.
<u>Zapus hudsonius</u> male	5324	Oswego Co.
<u>Zapus hudsonius</u> female	9825	Lewis Co.