

GYPSY MOTH EGG MASS/PUPAL CASE SURVEY

Saratoga NHP employed the use of burlap banding of oak trees in the summer of 1988 to monitor egg mass deposition after noticing what seemed to be a larger than usual amount of caterpillar activity in the late spring, early summer.

The park placed five burlap wraps around five separate oak trees in five separate locations within the park (see map)

The locations of burlap banding were directly adjacent to the placement of the Gypsy Moth Male Traps.

Park personnel collected the burlap on Wednesday, September 31, 1988.

The following is the data collected from these sites.

Site # 1 - Ranger Station Area

<u>EGG MASSES FOUND</u>			
<u>DBH</u>	<u>OUTSIDE</u>	<u>INSIDE</u>	<u>ON TREE</u>
1. 12.3"	0	1 12 PUPAL CASES FOUND	0
2. 3.8"	0	0 1 PUPAL CASE FOUND	0
3. 30.6"	0	0 14 PUPAL CASES FOUND	1
4. 17.6"	0	0 31 PUPAL CASES FOUND	7
5. 18.3"	0	0 22 PUPAL CASES FOUND	5

SITE # 2 - STOP 3 AREA

1. 3.5"	0	0	0
2. 8.0"	0	0	1
3. 11.8"	0	0 2 PUPAL CASES FOUND	0
4. 12.8"	0	1 2 PUPAL CASES FOUND	0
5. 42.1"	3	2 18 PUPAL CASES FOUND	4

** NOTICED AT LEAST 6 MORE EGG MASS CLUSTERS **
ON THE SAME TREE BUT AWAY FROM THE BURLAP

SITE # 3 - ARNOLD BOOT MONUMENT AREA

EGG_MASSES_FOUND

<u>TREE_#</u>	<u>DBH</u>	<u>OUTSIDE</u>	<u>INSIDE</u>	<u>ON_TREE</u>
1.	17.1"	0 8 PUPAL CASES FOUND	2	3
2.	8.4"	0 2 PUPAL CASES FOUND	0	0
3.	11.2"	0 2 PUPAL CASES FOUND	0	1
4.	7.9"	0	0	0
5.	8.2"	0 6 PUPAL CASES FOUND	0	1

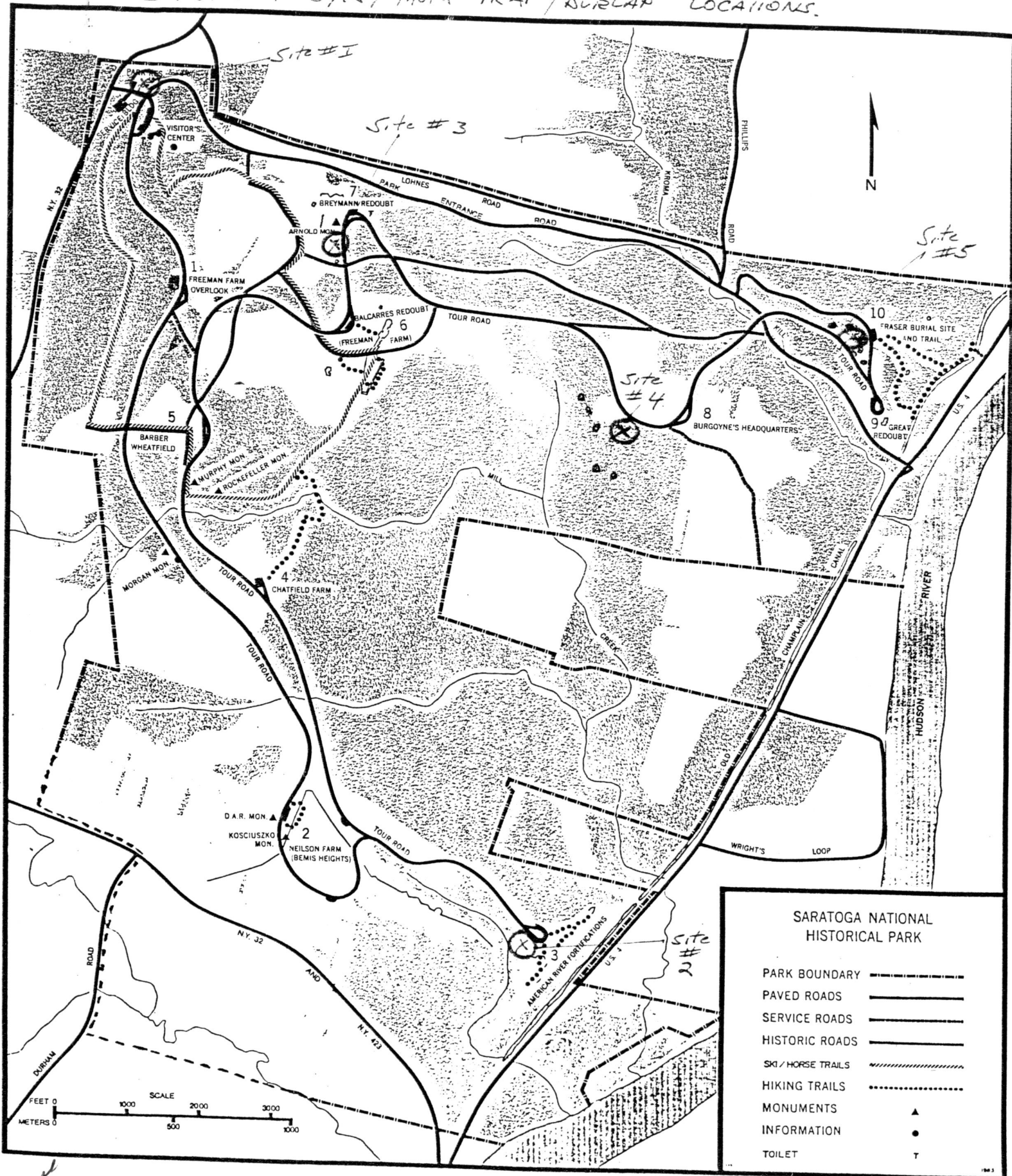
SITE # 4 - STOP 8 (BRITISH WOODS)

1.	5.5"	0 1 PUPAL CASE FOUND	0	1
2.	6.4"	0 1 PUPAL CASE FOUND	0	0
3.	5.0"	0 5 PUPAL CASES FOUND	0	1
4.	6.5"	0 3 PUPAL CASES FOUND	0	2
5.	6.9"	0 9 PUPAL CASES FOUND	0	3

SITE # 5 - STOP 10 (BETWEEN TOUR ROADS)

1.	7.5"	0 9 PUPAL CASES FOUND	0	0
2.	11.0"	0 6 PUPAL CASES FOUND	0	1
3.	11.4"	0 24 PUPAL CASES FOUND	2	9
4.	5.4"	0 8 PUPAL CASES FOUND	0	1
5.	5.5"	0 9 PUPAL CASES FOUND	0	2

SARATOGA GYPSY MOth TRAP / BURLAP LOCATIONS.



SARATOGA NATIONAL HISTORICAL PARK

- PARK BOUNDARY ————
- PAVED ROADS ————
- SERVICE ROADS ————
- HISTORIC ROADS ————
- SKI / HORSE TRAILS ————
- HIKING TRAILS ————
- MONUMENTS ▲
- INFORMATION ●
- TOILET T