Natural Heritage

A STUDY OF EFFECTS OF PRESECRIBED BURNING ON OAK WOODLAND AND SAVANNA PLANTS AND ANIMALS: SMALL MAMMAL INVESTIGATIONS.

prepared by

Steven Byers

Robert Montgomery

and

Brad Semel

Max McGraw Wildlife Foundation
Dundee, Illinois

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INTRODUCTION

This report represents the results of small mammal surveys conducted at four savanna sites in northeastern Illinois. These surveys are part of a more inclusive, long-term study designed to document the effects of prescribed burning on oak woodland and savanna plants and animals (Bowles et al. 1986).

This report is preliminary in scope, reporting primarily on the results of the first small mammal surveys conducted in August, 1986. Analysis and relevant literature citations, therefore, are not a major feature of this initial report.

METHODS

Species composition and relative abundance of small mammals at four savanna study sites was surveyed with modified linear traplines (Calhoun and Casby 1958). The configuration of traplines was modified (several traplines rather than one) to accommodate the smaller, block-sized savanna sites. Briefly, traps were set at vegetative sampling stations along previously established transects. A thorough description of the trapline configuration, the number of trapping stations, and traps set at each savanna site is provided in Appendix A. Three traps, usually two Museum Special snap traps (7 x 14 cm) and one Victor snap trap (4.5 x 10 cm), were set at each station. At a few randomly selected stations, a larger Victor snap trap (8.5 x 17.5 cm) was used rather than a Museum Special trap.

The traps were baited with peanut butter and checked daily for 3

consecutive mornings. The number of traps sprung each night (usually due to interference by larger mammals) was tallied. The relative abundance of small mammals was expressed as the number captured per 100 trap nights (this compensated for differences in the number of trap nights recorded for each trapline). The age and sex of all captured animals was recorded, with few exceptions. The animals were given an indentification number, when possible, and frozen. These animals are currently stored at the Max McGraw Wildlife Foundation.

Small mammal surveys were conducted at four different savanna study sites. The locations of trap lines at each site are provided in Figures 1-4. The traps were set on 5 August 1986, during a new moon lunar phase, and monitored daily (from 0700 to 1000 hrs) during the period 6-8 August 1986.

Vegetative parameters, including percent canopy, dominant live cover and litter type near the location of the snap traps (herbaceous vs. woody), and distance to nearest edge, were recorded at each trapping station location (Appendices B, C, D, and E).

RESULTS

Five small mammal species were recorded in conjunction with small mammal trapping at the four savanna sites. The species composition and relative abundance of small mammals at each site is summarized in Table 1. White-footed mice (*Peromyscus leucopus*) were most abundant at each site, accounting for 95.3% of all animals captured. The percentage of white-footed mice ranged from 91.9% at Middle Fork to 100% at Reed Turner (Table 1). The remaining four species, eastern chipmunk (*Tamias striatus*), meadow vole (*Microtus*

pennsylvanicus), meadow jumping mouse (Zapus hudsonius), and masked shrew (Sorex cinereus), represented less than 5% of the total captures. The age, sex, and reproductive status of each mammal captured at each site is presented in Appendices F, G, H, and I.

The total trapping effort (the number of trapnights potentially available) for the 3-day trapping period and the actual number of trapnights available (less due to the interference from larger animals) each night is presented in Table 2. The disparity in total trapping effort and actual trapnights available (particularly Transects 3C and 4C at Somme Woods, and three transects at Reed Turner) demonstrate the serious problem we encountered with larger animals, particularly raccoons (Procyon lotor), setting off traps.

Wadsworth Savanna Site: This savanna site was predominantly "woody" in nature with most (52 of 72, 72.2%) trapping station locations dominated by woody vegetation (Table 3). Further, the distance to the nearest edge of these stations was often greater than 10 m suggesting little juxtaposition of different habitat types (Table 3).

The number of animals captured and their relative abundance for each transect is presented in Table 4. White-footed mice were abundant along each transect, with relative abundance ranging from 17.7 to 47.2/100TN (Table 4). During the trapping period, relative abundance of this species increased from 17.2 to 36.2/100TN, Table 4. Meadow voles, although uncommon, were captured along three of the four transects.

The age and sex of animals captured at this site are presented in Table 5. Of the 49 white-footed mice captured, 45 or 91.8% were

adults. Over two-thirds (68.9%) of the adult white-footed mice captured were males (Table 5).

Middle Fork Savanna Site: Of the four savanna sites, this site demonstrated the greatest amount of herbaceous cover as 35 of 60 (58.3%) trapping locations were predominantly herbaceous (Table 3). Distance to the nearest edge seldom exceeded 10 m (Table 3), confirming a high degree of juxtaposition of different habitat types at this site.

This savanna site harbored the greatest species richness (4 species). Never-the-less, white-footed mice were the most frequently encountered species, accounting for 57 of 62 (91.9%) animals captured (Table 6). The eastern chipmunk, masked shrew, and meadow jumping mouse were also recorded at this site. The latter two species were recorded from only this savanna site during the entire survey period (Table 1). It is interesting to note that species richness along Transects 1-4 (those transects with the greatest amount of herbaceous cover) was higher (2-3 species) than Transects 5 and 6. Transects 5 and 6 were predominantly woody cover and harbored only one species, the white-footed mouse. The relative abundance of white-footed mice decreased throughout the trapping period from 31.2 to 15.8/100TN (Table 6).

The age and sex of animals captured at this site are presented in Table 7. The percentage of white-footed mice captured which were adults was 91.2%. Approximately two-thirds (61.5%) of the adults were males (Table 7.)

Somme Woods Savanna Site: This site consisted of a well-defined treatment area, characterized by a greater amount of herbaceous cover and habitat juxtaposition, than the nearby control area (Table 3).

White-footed mice accounted for 96.7% (117 of 121) of the captures at this site (Table 8). Two other species, the eastern chipmunk and meadow vole, were also captured at this site. The relative abundance of white-footed mice was higher along the more wooded control transects (60.0 and 73.8/100TN) than the treatment transects (16.2 and 32.7/100TN, Table 8). The frequency of interference of traps by raccoons and white-tailed deer (*Odocoileus virginianus*) along the control transects may have prevented an accurate assessment of relative abundance along these transects, however, because of the reduced number of available trapnights. The relative abundance of white-footed mice for the entire site was 35.6/100TN (Table 8). The data suggests that relative abundance of white-footed mice decreased during the trapping period (Table 8).

The age and sex of animals captured at this site are summarized in Table 9. Approximately 83% (93 of 112) of the white-footed mice captured, which could be accurately aged and sexed, were adults (Table 9). Of the adults, 57 of 93 (or 61.3%) were males.

Reed Turner Savanna Site: This savanna site demonstrated the greatest amount of woody cover as 43 of 49 (87.8%) trapping station locations were predominantly woody (Table 3).

The white-footed mouse was the only species captured at this site, and their relative abundance ranged from 36.0 to 50.0/100TN along the four transects (Table 10). The higher estimates of relative abundance may have resulted from fewer total available

trapnights at this site. Total available trapnights (only 54) was greatly reduced from 450 potential trapnights (Table 2) because of interference from larger mammals, primarily raccoons.

Most of the white-footed mice captured (19 of 20) were adults (Table 11). Of the adults captured, 57.9% were males (Table 11).

Habitat Preference: The white-footed mouse was the most frequently captured species at each savanna site. This is not surprising, given the high amount of woody cover available at each site. In Illinois, Wetzel (1958) noted that the vast majority of white-footed mice captured were in wooded communities. The eastern chipmunk, which is commonly associated with woodland edges (Hoffmeister and Mohr 1957) was captured in typical habitat at two of the savanna sites.

The meadow vole and meadow jumping mouse were both captured at trapping stations within or very near herbaceous cover. Their affinity for herbaceous cover is well documented (Hoffmeister and Mohr 1957).

It is unusual that more masked shrews were not captured. This species occurs in a variety of habitats which support dense ground cover (Hoffmeister and Mohr 1957). It is also unusual that we did not trap short-tailed shrews (*Blarina brevicauda*), which are also common in habitat types with dense ground cover.

SUMMARY

A total of 255 small mammals were trapped at four savanna study sites during the period 6-8 August, 1986. White-footed mice accounted for 95.3% of the captures. The remaining four species, eastern chipmunk, meadow vole, meadow jumping mouse, and masked shrew, accounted for less than 5% of the captures.

Observed species richness (from 1 to 4 species) seemed to be related to the diversity and juxtaposition of habitat types at each site. For example, the highest species richness (4 species) was recorded at the Middle Fork savanna site. This site supported the most herbaceous cover with a high degree of juxtaposition of herbaceous and woody cover. The Reed Turner site, on the other hand, was predominantly "woody" and only a single species was captured at this site. The observed distribution of small mammals at the four savanna sites was consistent with habitat affinities reported in the literature.

Relative abundance of small mammals was relatively consistent among the four savanna sites, ranging from 23.1 to 37.0/100TN. The two higher estimates of relative abundance (36.8 and 37.0/100TN) at Somme Woods and Reed Turner sites, respectively, may have been related to lower numbers of available trapnights at these two sites. There were fewer available trapnights because many traps were "set off" by larger mammals, usually raccoons.

Most small mammals captured at each site were adults. The percentage of adult white-footed mice captured at each site ranged from 83.0% to 95.0%. The proportion of the adult white-footed mice which were males ranged from 57.9% to 68.9%.

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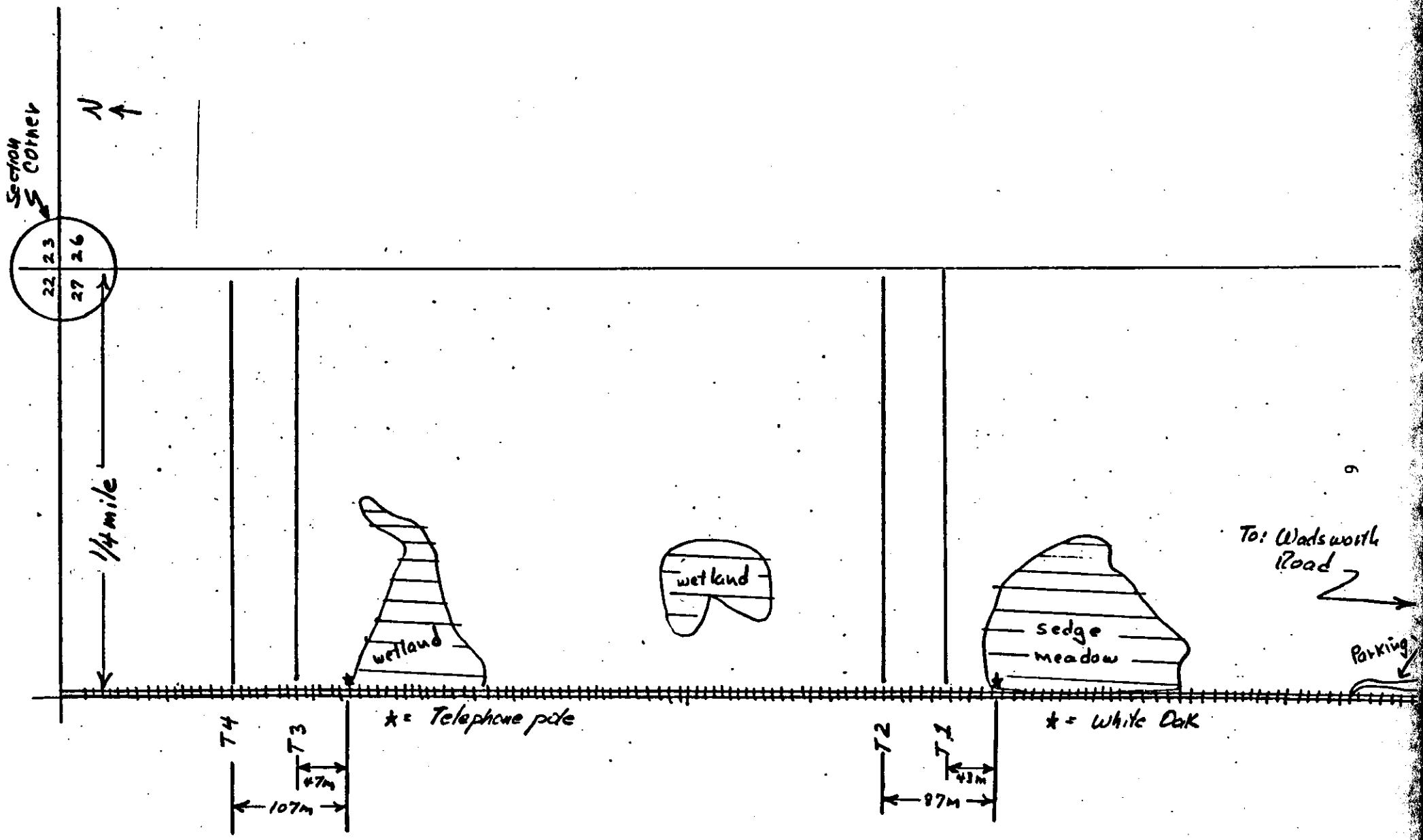

Fig. 1. Location of small mammal traplines at the Wadsworth savanna site.

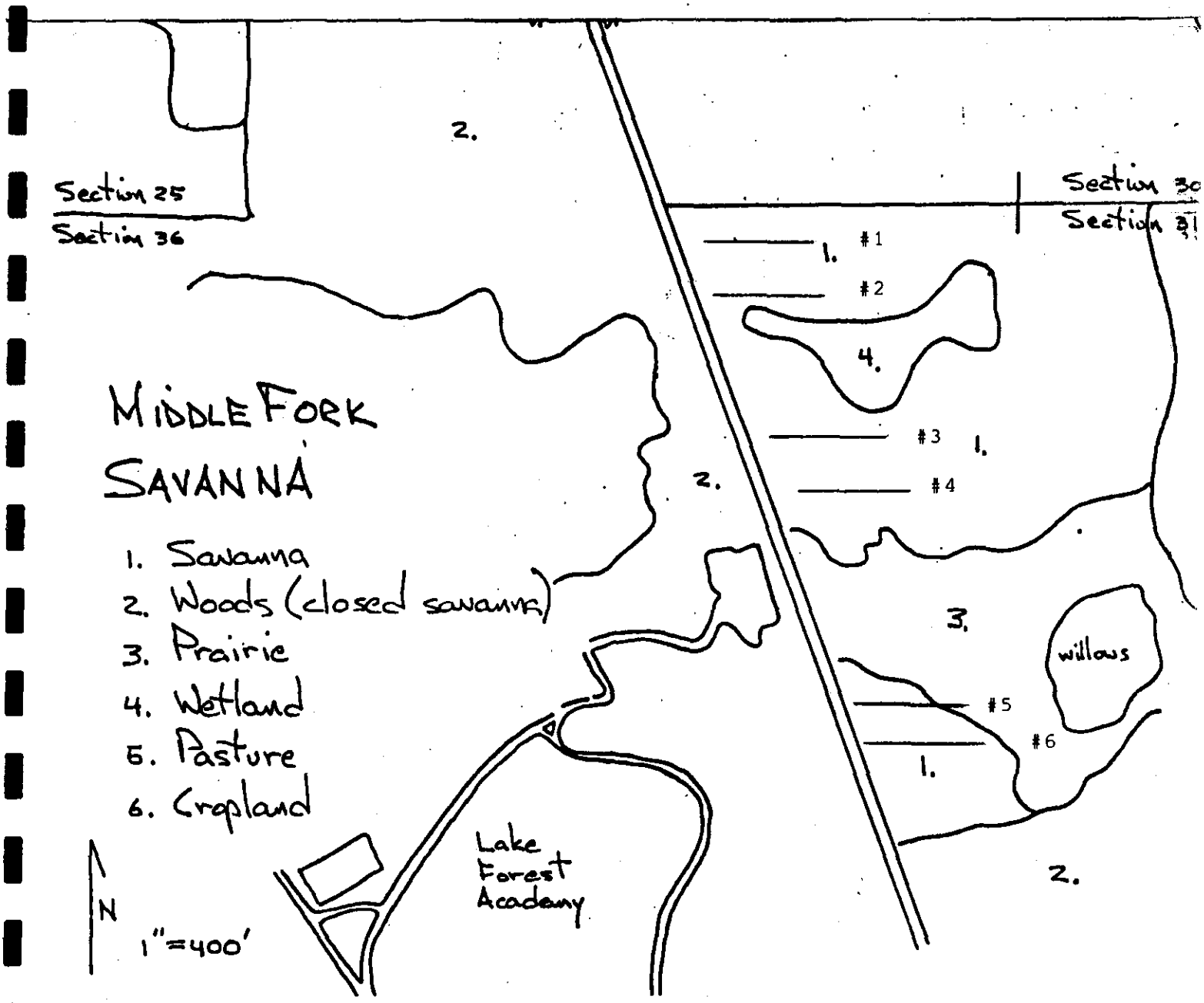

Fig. 2. Location of small mammal traplines at the Middle Fork savanna site.

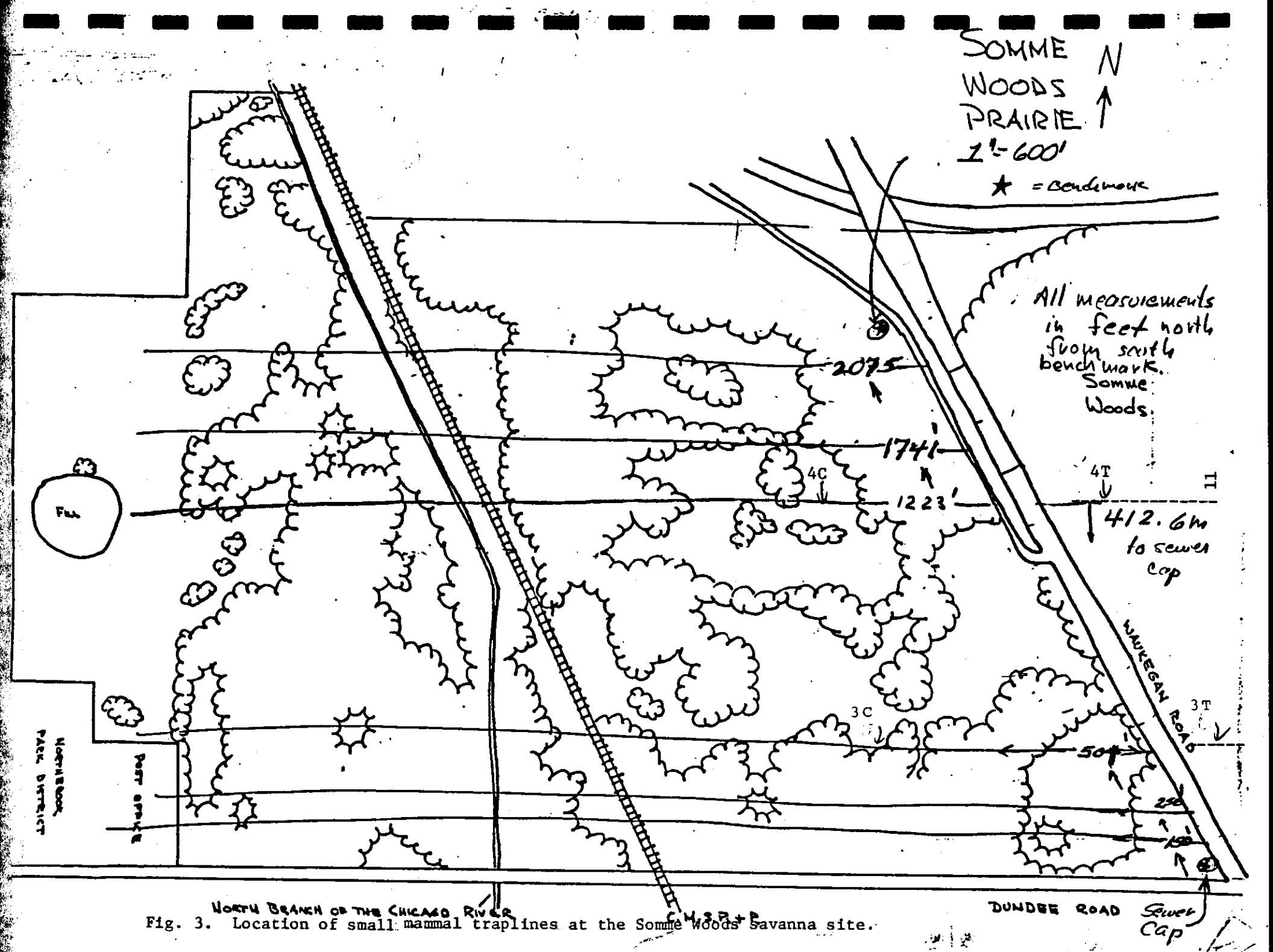

Fig. 3. Location of small mammal traplines at the Somme Woods Savanna site.

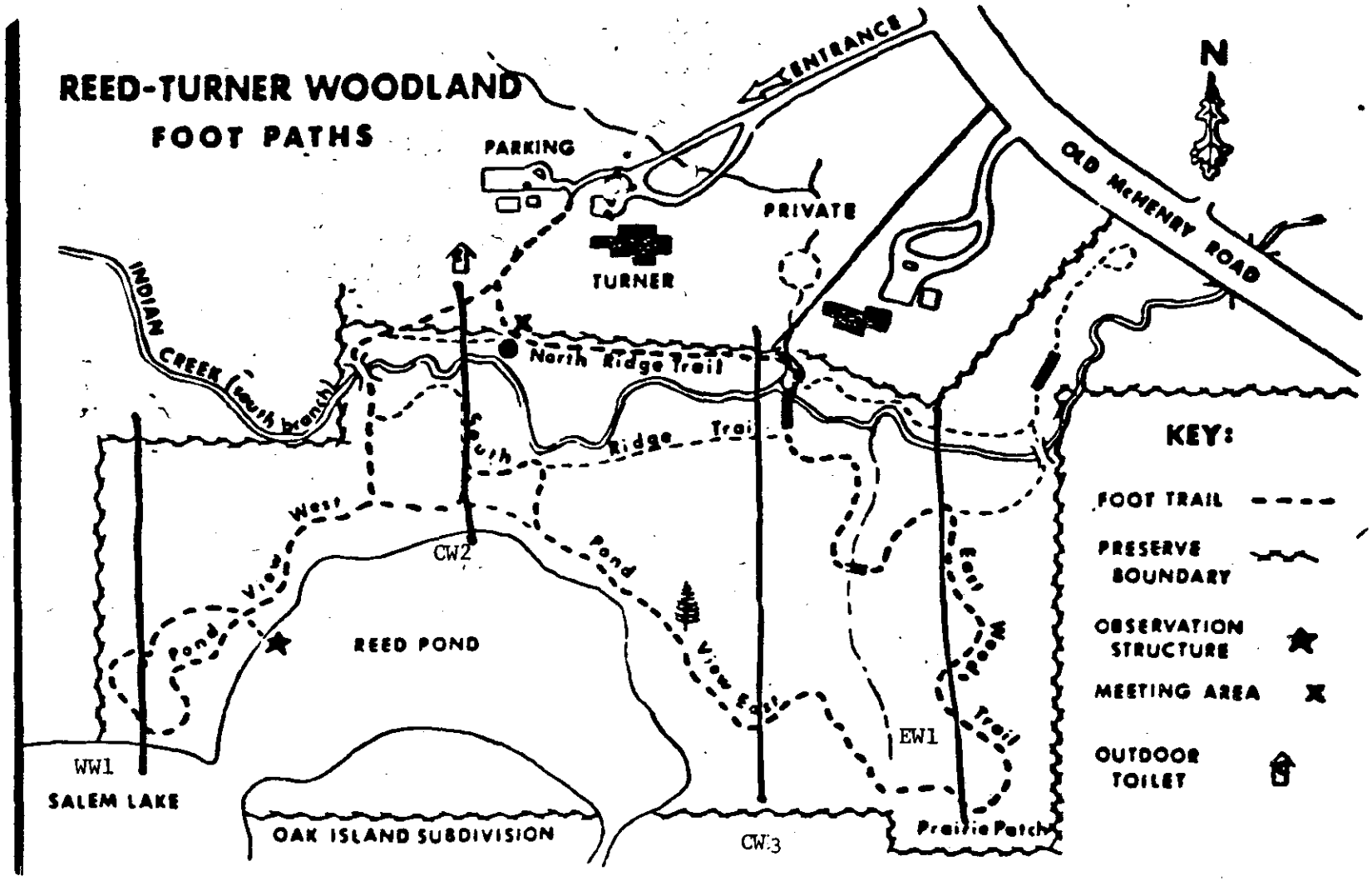

Fig. 4. Location of small mammal traplines at the Reed Turner savanna site.

Table 1. Summary of numbers of captures, relative abundance, and species richness of small mammals at four savanna sites during the period 6-8 August, 1986.

	Wadsworth		Middle Fork		Somme Woods		Reed Turner		Subtotals	
Species	No. Captured	No./ 100TN	No. Captured	No./ 100TN	No. Captured	No./ 100TN	No. Captured	No./ 100TN	No. Captured	No./ 100TN
Peromyscus leucopus	49	24.9	57	21.3	117	35.6	20	37.0	243	28.7
Tamias striatus	-	-	2	0.7	3	0.9	-	-	5	0.6
Microtus pennsylvanicus	3	1.5	-	-	1	0.3	-	-	4	0.5
Zapus hudsonius	-	-	2	0.7	-	-	-	-	2	0.2
Sorex cinereus	-	-	1	0.4	-	-	-	-	1	0.1
Subtotals	52	26.4	62	23.1	121	36.8	20	37.0	255	30.1
Specie richness	2		4		3		1		5	

Table 2. Summary of trapping effort and available trapnights by savanna site and by transect within each site for the trapping period, 6-8 August 1986. The fewer numbers of available trapnights is because larger mammals "set off" many of the traps.

	Total Trapping* Effort	Trapnights Available Aug. 6	Aug. 7	Aug.8	Total Trapnights Available
Wadsworth site					
Transect 1	165	29	35	14	78
Transect 2	164	6	8	7	21
Transect 3	163	25	23	14	62
Transect 4	162	4	20	12	36
Subtotal	654	64	86	47	197
Middle Fork site					
Transect 1	96	13	15	9	37
Transect 2	96	14	19	10	43
Transect 3	96	20	32	24	76
Transect 4	95	14	20	15	49
Transect 5	96	15	1	17	33
Transect 6	96	17	12	1	30
Subtotal	575	93	99	76	268
Somme Woods site					
Transect 3C	192	4	0	6	10
Transect 3T	207	32	42	37	111
Transect 4C	203	22	31	4	61
Transect 4T	209	44	51	52	147
Subtotal	811	102	124	99	329
Reed Turner site					
Transect WW1	87	12	9	4	25
Transect CW2	88	6	1	1	8
Transect CW3	180	7	2	2	11
Transect EW1	95	9	1	0	10
Subtotal	450	34	13	7	54
Total	2490	293	322	229	848

* Total trapping effort expressed at number of "potential" trapnights.

Table 3. Summary of selected vegetative parameters recorded at four savanna sites during the period 6-8 August, 1986.

Savanna site	No. Trapping Stations	No. "Woody" Stations	No. "Woody" Stations Where > 10m to Edge	No. Herbaceous Stations	No. Herbaceous Stations Where > 10m to Edge
Wadsworth	72	52	46	17	1
Middle Fork	60	25	12	35	17
Somme Woods					
Treatment	46	29	8	17	10
Control (woods)	46	34	30	12	10
Reed Turner	49	43	37	6	1

Table 4. Summary of numbers of animals captured (and numbers captured /100 trapnights) along four transects at the Wadsworth savanna study site, August 6-8, 1986.

	AUGUST 6		AUGUST 7		AUGUST 8		SUBTOTALS	
	NO. CAPTURED	NO./ 100TN	NO. CAPTURED	NO./ 100TN	NO. CAPTURED	NO./ 100TN	NO. CAPTURED	NO./ 100TN
Transect 1								
P. leucopus	4	13.8	8	22.9	2	14.3	14	17.9
M. pennsylvanicus	-	-	-	-	1	7.1	1	1.3
Transect 2								
P. leucopus	2	33.3	-	-	5	71.4	7	33.3
M. pennsylvanicus	-	-	-	-	1	14.3	1	4.7
Transect 3								
P. leucopus	4	16.0	4	17.4	3	21.4	11	17.7
M. pennsylvanicus	1	4.0	-	-	-	-	1	1.6
Transect 4								
P. leucopus	1	25.0	9	45.0	7	58.3	17	47.2
SUBTOTALS								
P. leucopus	11	17.2	21	24.4	17	36.2	49	24.9
M. pennsylvanicus	1	1.6	-	-	2	4.3	3	1.5

Table 5. Summary of the age and sex of animals captured along four transects at the Wadsworth savanna study site, August 6-8, 1986.

	August 6				August 7				August 8				Subtotals			
	ADULT		IMM[a]		ADULT		IMM		ADULT		IMM		ADULT		IMM	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Transect 1																
P. leucopus	2	1	-	1	5	3	-	-	1	1	-	-	8	5	-	1
M. pennsylvanicus	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Transect 2																
P. leucopus	-	2	-	-	-	-	-	-	4	1	-	-	4	3	-	-
M. pennsylvanicus	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
Transect 3																
P. leucopus	4	-	-	-	4	-	-	-	2	-	-	1	10	-	-	1
M. pennsylvanicus	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Transect 4																
P. leucopus	-	-	-	1	5	3	-	1	4	3	-	-	9	6	-	2
Subototals																
P. leucopus	6	3	-	2	14	6	-	1	11	5	-	1	31	14	-	4
M. pennsylvanicus	-	1	-	-	-	-	-	-	1	1	-	-	1	2	-	-

[a] The age designation IMM, for immatures, includes both juveniles and subadults.

Table 6. Summary of numbers of animals captured (and numbers captured / 100 trapnights) along six transects at the Middle Fork savanna study site, August 6-8, 1986.

	August 6		August 7		August 8		Subtotals	
	NO. CAPTURED	NO./ 100TN	NO. CAPTURED	NO./ 100TN	NO. CAPTURED	NO./ 100TN	NO. CAPTURED	NO./ 100TN
Transect 1								
P. leucopus	6	46.2	4	26.7	4	44.4	14	37.8
S. cinereus	-	-	-	-	1	11.1	1	2.7
Transect 2								
P. leucopus	6	42.9	6	31.6	-	-	12	27.9
T. striatus	1	7.1	-	-	-	-	1	2.3
Transect 3								
P. leucopus	7	35.0	4	12.5	-	-	11	14.5
T. striatus	1	5.0	-	-	-	-	1	1.3
Z. hudsonius	-	-	-	-	1	4.2	1	1.3
Transect 4								
P. leucopus	3	21.4	1	5.0	4	26.7	8	16.3
Z. hudsonius	1	7.1	-	-	-	-	1	2.0
Transect 5								
P. luecopus	4	26.7	-	-	2	11.8	6	18.2
Transect 6								
P. leucopus	3	17.6	3	25.0	-	-	6	20.0
Subtotals								
P. leucopus	29	31.2	18	18.2	10	15.8	57	21.3
Z. hudsonius	1	1.1	-	-	1	1.3	2	0.7
T. striatus	2	2.2	-	-	-	-	2	0.7
S. cinereus	-	-	-	-	1	1.3	1	0.4

Table 7. Summary of the age and sex of animals captured along six transects at the Middle Fork savanna study site, August 6-8, 1986.

	August 6				August 7				August 8				Subtotals			
	ADULT		IMM[a]		ADULT		IMM		ADULT		IMM		ADULT		IMM	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Transect 1																
P. leucopus	4	-	-	2	3	1	-	-	3	1	-	-	10	2	-	2
S. cinereus	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Transect 2																
P. leucopus	3	2	-	1	3	3	-	-	-	-	-	-	6	5	-	1
T. striatus	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Transect 3																
P. leucopus	4	2	-	1	2	2	-	-	-	-	-	-	6	4	-	1
T. striatus	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Z. hudsonius	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
Transect 4																
P. leucopus	3	-	-	-	-	1	-	-	2	1	-	1	5	2	-	1
Z. hudsonius	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Transect 5																
P. leucopus	1	3	-	-	-	-	-	-	2	-	-	-	3	3	-	-
Transect 6																
P. leucopus	-	3	-	-	2	1	-	-	-	-	-	-	2	4	-	-
Subtotals																
P. leucopus	15	10	-	4	10	8	-	-	7	2	-	1	32	20	-	5
Z. hudsonius	-	1	-	-	-	-	-	-	1	-	-	-	1	1	-	-
T. striatus	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1
S. cinereus	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-

[a] The age designation IMM, for immatures, includes both juveniles and subadults.

Table 8. Summary of numbers of animals captured (and numbers captured / 100 trapnights) along four transects at the Somme Woods savanna study site, August 6-8, 1986.

	August 6		August 7		August 8		Subtotals	
	NO. CAPTURED	NO./ 100TN	NO. CAPTURED	NO./ 100TN	NO. CAPTURED	NO./ 100TN	NO. CAPTURED	NO./ 100TN
Transect 3T								
P. leucopus	10	31.3	5	11.9	3	8.1	18	16.2
M. pennsylvanicus	1	3.1	-	-	-	-	1	0.9
Transect 3C								
P. leucopus	2	50.0	-	-	4	66.7	6	60.0
T. striatus	-	-	-	-	1	16.7	1	10.0
Transect 4T								
P. leucopus	17	38.6	18	35.3	13	25.0	48	32.7
T. striatus	-	-	2	3.9	-	-	2	1.4
Transect 4C								
P. leucopus	19	86.4	23	74.2	3	75.0	45	73.8
Subtotals								
P. leucopus	48	47.1	46	37.1	23	23.2	117	35.6
T. striatus	-	-	2	1.6	1	1.0	3	0.9
M. pennsylvanicus	1	1.0	-	-	-	-	1	0.3

Table 9. Summary of the age and sex of animals captured along four transects at the Somme Woods savanna study site, August 6-8, 1986.

	August 6					August 7					August 8					Subtotals				
	ADULT		IMM[a]		UNK[b]	ADULT		IMM		UNK	ADULT		IMM		UNK	ADULT		IMM		UNK
	M	F	M	F		M	F	M	F		M	F	M	F		M	F	M	F	
Transect 3T																				
P. leucopus	6	3	-	1	-	2	3	-	-	-	3	-	-	-	-	11	6	-	1	-
M. pennsylvanicus	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Transect 3C																				
P. leucopus	2	-	-	-	-	-	-	-	-	-	2	-	-	1	1	4	-	-	1	1
T. striatus	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-
Transect 4T																				
P. leucopus	5	10	-	2	-	13	3	1	-	1	5	4	2	2	-	23	17	3	4	1
T. striatus	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	1	-	-	-	1
Transect 4C																				
P. leucopus	9	8	1	-	1	9	5	3	6	-	1	-	-	-	2	19	13	4	6	3
Subtotals																				
P. leucopus	22	21	1	3	1	24	11	4	6	1	11	4	2	3	3	57	36	7	12	5
T. striatus	-	-	-	-	-	1	-	-	-	1	1	-	-	-	-	2	-	-	-	1
M. pennsylvanicus	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-

[a] The age designation IMM, for immatures, includes both juveniles and subadults.

[b] The designation UNK, for unknown, includes animals which could not be accurately identified as to age or sex.

Table 10. Summary of numbers of animals captured (and numbers captured / 100 trapnights along four transects at the Reed Turner savanna study site, August 6-8, 1986.

	August 6		August 7		August 8		Subtotals	
	NO. CAPTURED	NO./ 100TN	NO. CAPTURED	NO./ 100TN	NO. CAPTURED	NO./ 100TN	NO. CAPTURED	NO./ 100TN
Transect NW1								
P. leucopus	2	16.7	4	44.4	3	75.0	9	36.0
Transect CW2								
P. leucopus	1	16.7	1	100.0	1	100.0	3	37.5
Transect CW3								
P. leucopus	3	42.9	-	-	-	-	3	27.3
Transect EW1								
P. leucopus	5	55.6	-	-	-	-	5	50.0
Subtotals								
P. leucopus	11	32.4	5	38.5	4	57.1	20	37.0

Table 11. Summary of the age and sex of animals captured along four transects at the Reed Turner savanna study site, August 6-8, 1986.

	August 6				August 7				August 8				Subtotals			
	ADULT		IMM[a]		ADULT		IMM		ADULT		IMM		ADULT		IMM	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Transect NW1																
P. leucopus	1	1	-	-	-	3	-	1	2	1	-	-	3	5	-	1
Transect CW2																
P. leucopus	1	-	-	-	-	1	-	-	1	-	-	-	2	1	-	-
Transect CW3																
P. leucopus	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
Transect EW1																
P. leucopus	3	2	-	-	-	-	-	-	-	-	-	-	3	2	-	-
Subtotals																
P. leucopus	8	3	-	-	-	4	-	1	3	1	-	-	11	8	-	1

[a] The age designation IMM, for immatures, includes both juveniles and subadults.

Appendix A. Small mammal trapping locations and procedure for the four savannah study sites, 6-8 August, 1986.

WADSWORTH SAVANNA SITE

Small mammal traplines were established along Transects 1, 2, 3, and 4 previously established as vegetative sampling transects (Fig. 1.). Each trapline included 18 stations at which three snap traps were set, with a fourth trap at the last station. The stations, numbered from west to east, were placed along the trapline at 10 m intervals. Thus, each trapline consisted of 55 snap traps extending 170 m. The trapping station number, therefore, corresponded with the respective vegetation sampling number along each transect.

A total of 220 snap traps (4 traplines with 55 traps each) were set at this savanna site.

MIDDLE FORK SAVANNA SITE

Small mammal traplines were established along Transects 1, 2, 3, 4 previously established as vegetative sampling locations (Fig. 2), and along two additional lines (Transect 5 and 6) also noted in Fig. 2. The two additional traplines, originated along the fenceline near the first and we believe second (?) poles south of the centrally located open meadow, and extended along a east-west axis (Fig. 2). Each trapline included 10 stations at which three snap traps were set. A fourth trap was set at both the first and last stations. The stations, numbered from west to east, were placed along the trapline at 10 m intervals. Thus each trapline consisted of 32 snap traps extending 90 m. The trapping station number, therefore, corresponded with the respective vegetative sampling number along each transect.

A total of 192 snap traps (6 traplines with 32 traps each) were set at this savanna site.

SOMME WOODS SAVANNA SITE

Small mammal traplines were established along Transects 3C, 3T, 4C, and 4T previously established as vegetative sampling transects (Fig. 3). Each trapline included 23 stations at which three snap traps were set, with a fourth trap at the last station. The stations were placed along the trapline at 10 m intervals. Thus each trapline consisted of 70 snap traps extending 220 m. The two treatment traplines (3T and 4T) extended along the trapline (which originated at the first vegetative sampling station west of Waukegan Road) in a east to west direction. Therefore, station numbers along these two traplines do not correspond with the respective vegetative sampling station along these two transects. The two control traplines (3C and 4C) extended in a west to east direction from Waukegan Road. The station numbers along these two traplines correspond with the respective vegetative sampling numbers.

A total of 280 snap traps (4 traplines with 70 traps each) were set at this savanna site.

REED-TURNER WOODLAND SAVANNA SITE

Small mammal traplines were established along Transects WW1, CW2, CW3, and EW1 previously established as vegetative sampling transects (Fig. 4). Since the shape of Reed-Turner Woodland savanna site was irregular, the length of the vegetative transects and traplines were different.

Transect WW1: This trapline included 9 stations at which three snap traps were set at most stations. Four traps were set at the first and last station. The stations, numbered from north to south, were placed along the trapline at 10 m intervals. Thus, this trapline consisted of 29 snap traps extending 80 m. Along this

trapline, the first 5 stations were in a control area, while the remaining 4 stations were in a treatment or burn area.

Transect CW2: This trapline included 10 stations at which three snap traps were set at most stations. Four traps were set at the first and last station. The stations, numbered from north to south, were placed along the trapline at 10 m intervals. Thus, this trapline consisted of 32 snap traps extending 90 m. Apparently all the stations in this trapline were in the control area. This does need to be condfirmed however.

Transect CW3: This trapline included 20 stations at which three snap traps were set at most stations. Four traps were set at the first and last station. The stations, numbered from north to south, were placed along the trapline at 10 m intervals. Thus, this trapline consisted of 62 snap traps extending 170 m. Along this trapline, the first five and the last three stations are in the control area, while stations 6 - 17 are in the burn or treatment area.

Transect EW1: This trapline included 10 stations at which three snap traps were set at most stations. Four traps were set at the first and last station. The stations, numbered from north to south, were placed along the trapline at 10 m intervals. Thus, this trapline consisted of 32 snap traps extending 90 m. Apparently all the stations in this trapline are included in the treatment or burn area.

A total of 155 snap traps (4 traplines: WW1 = 29 traps, CW2 = 32 traps, CW3 = 62 traps, EW1 = 32 traps) were set at this site.

Appendix B. Vegetative data from the Wadsworth savanna site, 6-8 August, 1986.

LOCATION	TRANSECT	STATION	AMOUNTCAN	TYPESITE	TYPELITTER	DISTEDGE a
WADSWORTH	1	1		HERB	HERB	<10
WADSWORTH	1	2	>50	WOODY	WOODY	<5
WADSWORTH	1	3	<50	WOODY	WOODY	>10
WADSWORTH	1	4	>50	WOODY		>10
WADSWORTH	1	5	>50	WOODY		>10
WADSWORTH	1	6	>50	WOODY		>10
WADSWORTH	1	7	<50	WOODY		>10
WADSWORTH	1	8	>50	WOODY	WOODY	>10
WADSWORTH	1	9	>50	WOODY	WOODY	>10
WADSWORTH	1	10	>50	WOODY	WOODY	>10
WADSWORTH	1	11	<50	WOODY	WOODY	>10
WADSWORTH	1	12	>50	WOODY	WOODY	>10
WADSWORTH	1	13	<50	HERB	HERB	<5
WADSWORTH	1	14	>50	HERB	HERB	<5
WADSWORTH	1	15	>50	HERB	HERB	<5
WADSWORTH	1	16	<50	HERB	HERB	<10
WADSWORTH	1	17	>50	HERB		<5
WADSWORTH	1	18	>50	WOODY		<10
WADSWORTH	2	1		HERB	HERB	<5
WADSWORTH	2	2	<50	WOODY		>10
WADSWORTH	2	3	<50	WOODY	WOODY	>10
WADSWORTH	2	4	<50	WOODY	HERB	>10
WADSWORTH	2	5	<50	WOODY		>10
WADSWORTH	2	6	<50	WOODY	WOODY	>10
WADSWORTH	2	7	<50	WOODY		>10
WADSWORTH	2	8	<50	WOODY		>10
WADSWORTH	2	9	<50	WOODY	WOODY	>10
WADSWORTH	2	10	<50	WOODY		>10
WADSWORTH	2	11	<50	WOODY		>10
WADSWORTH	2	12	<50	WOODY		>10
WADSWORTH	2	13	<50	HERB		<5
WADSWORTH	2	14	<50	WOODY		>10
WADSWORTH	2	15	<50	HERB	HERB	>10
WADSWORTH	2	16	<50	WOODY	HERB	>10
WADSWORTH	2	17	<50	WOODY		>10
WADSWORTH	2	18	<50	WOODY		>10
WADSWORTH	3	1		WOODY		<5
WADSWORTH	3	2		HERB	HERB	<5
WADSWORTH	3	3		HERB	HERB	<10
WADSWORTH	3	4		WOODY	HERB	<5
WADSWORTH	3	5	>50	WOODY	WOODY	<10
WADSWORTH	3	6	>50	WOODY		>10
WADSWORTH	3	7	>50	WOODY	WOODY	>10
WADSWORTH	3	8	>50	WOODY		>10
WADSWORTH	3	9	>50	WOODY		>10
WADSWORTH	3	10	>50	WOODY	WOODY	>10
WADSWORTH	3	11	>50	WOODY	WOODY	>10
WADSWORTH	3	12	>50	WOODY	WOODY	>10
WADSWORTH	3	13	<50	WOODY	WOODY	>10
WADSWORTH	3	14	>50	WOODY	WOODY	>10
WADSWORTH	3	15	<50	WOODY	WOODY	>10
WADSWORTH	3	16	>50	WOODY		>5
WADSWORTH	3	17	>50	WOODY	WOODY	>10
WADSWORTH	3	18	>50	WOODY		>10
WADSWORTH	4	1		HERB	HERB	<5
WADSWORTH	4	2	<50	HERB	HERB	<5
WADSWORTH	4	3	<50	HERB	HERB	<5
WADSWORTH	4	4	<50	WOODY	WOODY	>10
WADSWORTH	4	5		WOODY		<5
WADSWORTH	4	6		HERB	HERB	<5
WADSWORTH	4	7		WOODY		<5
WADSWORTH	4	8		HERB		<5
WADSWORTH	4	9		WOODY	WOODY	<5
WADSWORTH	4	10	<50	WOODY	WOODY	>10
WADSWORTH	4	11	>50	WOODY	WOODY	>10
WADSWORTH	4	12	>50	WOODY	WOODY	>10
WADSWORTH	4	13	<50	WOODY	WOODY	>10
WADSWORTH	4	14	<50	WOODY	WOODY	>10
WADSWORTH	4	15	<50	HERB	WOODY	>10
WADSWORTH	4	16	<50	WOODY	WOODY	>10
WADSWORTH	4	17	<50	WOODY	WOODY	>10
WADSWORTH	4	18	<50	WOODY	WOODY	>10

a AMOUNTCAN = % CANOPY COVER AND DISTEDGE = DISTANCE TO NEAREST EDGE

Appendix C. Vegetative data from the Middle Fork savanna site, 6-8 August, 1986.

LOCATION	TRANSECT	STATION	AMOUNTCAN	TYPESITE	TYPELITTER	DISTEDGE [a]
MIDDLE FORK	1	1		WOODY		<5
MIDDLE FORK	1	2		HERB	WOODY	<5
MIDDLE FORK	1	3		HERB	WOODY	<5
MIDDLE FORK	1	4		HERB	WOODY	<5
MIDDLE FORK	1	5	>50	HERB	WOODY	>10
MIDDLE FORK	1	6		HERB	WOODY	>10
MIDDLE FORK	1	7	>50	HERB	WOODY	<10
MIDDLE FORK	1	8	>50	HERB	WOODY	<10
MIDDLE FORK	1	9		WOODY	WOODY	<5
MIDDLE FORK	1	10	>50	WOODY	WOODY	>10
MIDDLE FORK	2	1		HERB	HERB	>10
MIDDLE FORK	2	2	<50	WOODY	HERB	<5
MIDDLE FORK	2	3	<50	WOODY	WOODY	<5
MIDDLE FORK	2	4	<50	WOODY	WOODY	>10
MIDDLE FORK	2	5	<50	HERB	HERB	>10
MIDDLE FORK	2	6		HERB	HERB	>10
MIDDLE FORK	2	7	<50	HERB	HERB	>10
MIDDLE FORK	2	8		HERB	HERB	>10
MIDDLE FORK	2	9		HERB	HERB	>10
MIDDLE FORK	2	10		HERB	HERB	>10
MIDDLE FORK	3	1		HERB	HERB	>10
MIDDLE FORK	3	2	>50	HERB	WOODY	<10
MIDDLE FORK	3	3	>50	HERB		<5
MIDDLE FORK	3	4		HERB	HERB	<5
MIDDLE FORK	3	5	>50	WOODY	HERB	<5
MIDDLE FORK	3	6	<50	HERB		<5
MIDDLE FORK	3	7	>50	WOODY	WOODY	<5
MIDDLE FORK	3	8	>50	HERB	WOODY	<5
MIDDLE FORK	3	9	>50	HERB	WOODY	>10
MIDDLE FORK	3	10	<50	HERB	WOODY	<5
MIDDLE FORK	4	1		HERB	HERB	>10
MIDDLE FORK	4	2		HERB	HERB	>10
MIDDLE FORK	4	3		HERB	HERB	>10
MIDDLE FORK	4	4		HERB	HERB	>10
MIDDLE FORK	4	5	<50	HERB	HERB	<5
MIDDLE FORK	4	6	<50	WOODY	HERB	<5
MIDDLE FORK	4	7		HERB	HERB	<5
MIDDLE FORK	4	8		HERB	HERB	>10
MIDDLE FORK	4	9		HERB	HERB	<5
MIDDLE FORK	4	10	<50	WOODY	WOODY	>10
MIDDLE FORK	5	1		HERB	HERB	<5
MIDDLE FORK	5	2		WOODY	WOODY	<5
MIDDLE FORK	5	3	<50	WOODY	WOODY	>10
MIDDLE FORK	5	4	>50	WOODY	WOODY	>10
MIDDLE FORK	5	5	<50	WOODY	WOODY	>10
MIDDLE FORK	5	6		WOODY	WOODY	>10
MIDDLE FORK	5	7		HERB	HERB	<5
MIDDLE FORK	5	8	<50	HERB	HERB	<5
MIDDLE FORK	5	9		HERB	HERB	>10
MIDDLE FORK	5	10	<50	HERB	HERB	<5
MIDDLE FORK	6	1	<50	WOODY	WOODY	<5
MIDDLE FORK	6	2	>50	WOODY	WOODY	<10
MIDDLE FORK	6	3	<50	WOODY	WOODY	>10
MIDDLE FORK	6	4	>50	WOODY	WOODY	>10
MIDDLE FORK	6	5		WOODY	WOODY	>10
MIDDLE FORK	6	6		WOODY	WOODY	<5
MIDDLE FORK	6	7	<50	WOODY	WOODY	<5
MIDDLE FORK	6	8	<50	WOODY	WOODY	>10
MIDDLE FORK	6	9	>50	WOODY	WOODY	>10
MIDDLE FORK	6	10	>50	WOODY	WOODY	<10

a AMOUNTCAN = % CANOPY COVER AND DISTEDGE = DISTANCE TO NEAREST EDGE

Appendix D. Vegetative data from the Somme Woods savanna site, 6-8 August, 1986.

LOCATION	TRANSECT	STATION	AMOUNTCAN	TYPESITE	TYPELITTER	DISTEDGE [a]
SOMME WOODS	3C	1	>50	WOODY		<5
SOMME WOODS	3C	2	>50	WOODY		<5
SOMME WOODS	3C	3	>50	WOODY		<5
SOMME WOODS	3C	4	>50	WOODY		>10
SOMME WOODS	3C	5	>50	HERB		<10
SOMME WOODS	3C	6	<50	WOODY		>10
SOMME WOODS	3C	7	>50	WOODY	WOODY	>10
SOMME WOODS	3C	8	>50	WOODY	WOODY	>10
SOMME WOODS	3C	9	>50	WOODY		>10
SOMME WOODS	3C	10	>50	WOODY		>10
SOMME WOODS	3C	11	>50	WOODY		>10
SOMME WOODS	3C	12	>50	HERB	WOODY	>10
SOMME WOODS	3C	13	>50	WOODY		>10
SOMME WOODS	3C	14	>50	WOODY		>10
SOMME WOODS	3C	15	>50	WOODY		>10
SOMME WOODS	3C	16	>50	WOODY		>10
SOMME WOODS	3C	17	>50	WOODY	WOODY	>10
SOMME WOODS	3C	18	>50	WOODY	WOODY	>10
SOMME WOODS	3C	19	>50	WOODY	WOODY	>10
SOMME WOODS	3C	20	>50	WOODY	WOODY	>10
SOMME WOODS	3C	21	>50	WOODY	WOODY	>10
SOMME WOODS	3C	22	>50	WOODY	WOODY	>10
SOMME WOODS	3C	23	>50	WOODY	WOODY	<10
SOMME WOODS	3T	1		HERB	HERB	>10
SOMME WOODS	3T	2		HERB	HERB	>10
SOMME WOODS	3T	3		HERB	HERB	>10
SOMME WOODS	3T	4		HERB	HERB	>10
SOMME WOODS	3T	5		HERB	HERB	>10
SOMME WOODS	3T	6		HERB	HERB	>10
SOMME WOODS	3T	7		HERB	HERB	>10
SOMME WOODS	3T	8		HERB	HERB	<5
SOMME WOODS	3T	9	>50	WOODY	WOODY	<5
SOMME WOODS	3T	10	>50	WOODY	WOODY	<5
SOMME WOODS	3T	11	>50	HERB		>10
SOMME WOODS	3T	12	>50	HERB		>10
SOMME WOODS	3T	13	>50	WOODY	WOODY	>10
SOMME WOODS	3T	14	>50	WOODY	WOODY	>10
SOMME WOODS	3T	15	<50	HERB	HERB	>10
SOMME WOODS	3T	16	>50	WOODY	WOODY	>10
SOMME WOODS	3T	17	>50	WOODY	WOODY	>10
SOMME WOODS	3T	18	>50	WOODY	WOODY	<5
SOMME WOODS	3T	19		HERB	HERB	<5
SOMME WOODS	3T	20		HERB	HERB	<5
SOMME WOODS	3T	21	<50	WOODY	WOODY	<5
SOMME WOODS	3T	22	>50	WOODY	WOODY	<5
SOMME WOODS	3T	23	<50	WOODY	WOODY	<5

a AMOUNTCAN = % CANOPY COVER AND DISTEDGE = DISTANCE TO NEAREST EDGE

Appendix D. (Continued). Vegetative data from the Somme Woods savanna site, 6-8 August, 1986.

LOCATION	TRANSECT	STATION	AMOUNTCAN	TYPESITE	TYPELITTER	DISTEDGE [a]
SOMME WOODS	4C	1	<50	HERB	HERB	<5
SOMME WOODS	4C	2	>50	WOODY	WOODY	>10
SOMME WOODS	4C	3	>50	HERB	HERB	>10
SOMME WOODS	4C	4	>50	WOODY	WOODY	>10
SOMME WOODS	4C	5	>50	WOODY		>10
SOMME WOODS	4C	6	>50	WOODY	WOODY	>10
SOMME WOODS	4C	7	>50	HERB	HERB	>10
SOMME WOODS	4C	8	>50	HERB	HERB	>10
SOMME WOODS	4C	9	>50	HERB	HERB	>10
SOMME WOODS	4C	10	>50	WOODY	WOODY	>10
SOMME WOODS	4C	11	>50	WOODY	WOODY	>10
SOMME WOODS	4C	12	>50	WOODY	WOODY	>10
SOMME WOODS	4C	13	>50	HERB	HERB	>10
SOMME WOODS	4C	14	>50	HERB	HERB	>10
SOMME WOODS	4C	15	>50	WOODY	WOODY	>10
SOMME WOODS	4C	16	>50	HERB	HERB	>10
SOMME WOODS	4C	17	>50	HERB		>10
SOMME WOODS	4C	18	>50	HERB		>10
SOMME WOODS	4C	19	>50	WOODY		>10
SOMME WOODS	4C	20	>50	WOODY	WOODY	>10
SOMME WOODS	4C	21	>50	WOODY	WOODY	>10
SOMME WOODS	4C	22	>50	WOODY	WOODY	>10
SOMME WOODS	4C	23	>50	WOODY	WOODY	>10
SOMME WOODS	4T	1	>50	WOODY		<5
SOMME WOODS	4T	2	>50	WOODY	HERB	<10
SOMME WOODS	4T	3	>50	WOODY	HERB	>10
SOMME WOODS	4T	4	>50	WOODY	WOODY	>10
SOMME WOODS	4T	5	>50	WOODY	WOODY	<10
SOMME WOODS	4T	6	>50	WOODY	WOODY	>10
SOMME WOODS	4T	7	>50	WOODY	WOODY	>10
SOMME WOODS	4T	8	>50	WOODY	HERB	<10
SOMME WOODS	4T	9	>50	WOODY	HERB	<5
SOMME WOODS	4T	10	<50	WOODY		<5
SOMME WOODS	4T	11	>50	WOODY		<5
SOMME WOODS	4T	12	<50	WOODY	HERB	<5
SOMME WOODS	4T	13	<50	HERB	HERB	<5
SOMME WOODS	4T	14	<50	HERB	HERB	<5
SOMME WOODS	4T	15		WOODY	HERB	<5
SOMME WOODS	4T	16	>50	WOODY		<5
SOMME WOODS	4T	17		HERB	HERB	<5
SOMME WOODS	4T	18	<50	WOODY	HERB	<5
SOMME WOODS	4T	19		WOODY	HERB	<5
SOMME WOODS	4T	20	<50	WOODY	HERB	<5
SOMME WOODS	4T	21	<50	WOODY	HERB	<5
SOMME WOODS	4T	22	>50	WOODY	HERB	<5
SOMME WOODS	4T	23	>50	HERB	WOODY	<5

a AMOUNTCAN = % CANOPY COVER AND DISTEDGE = DISTANCE TO NEAREST EDGE

Appendix E. Vegetative data from the Reed Turner savanna site, 6-8 August, 1986.

LOCATION	TRANSECT	STATION	AMOUNTCAN	TYPESITE	TYPELITTER	DISTEDGE [a]
REED TURNER	WW1	01	>50	WOODY	WOODY	>10
REED TURNER	WW1	02	>50	WOODY	WOODY	>10
REED TURNER	WW1	3	>50	WOODY	WOODY	>10
REED TURNER	WW1	4	>50	WOODY	WOODY	>10
REED TURNER	WW1	5	>50	WOODY	WOODY	>10
REED TURNER	WW1	6	>50	WOODY	WOODY	>10
REED TURNER	WW1	7	>50	WOODY	WOODY	>10
REED TURNER	WW1	8	>50	WOODY	WOODY	>10
REED TURNER	WW1	9	>50	WOODY	WOODY	>10
REED TURNER	CW2	1	>50	HERB	WOODY	<10
REED TURNER	CW2	2	>50	HERB	WOODY	<10
REED TURNER	CW2	3	>50	WOODY	WOODY	<10
REED TURNER	CW2	4	>50	WOODY	WOODY	>10
REED TURNER	CW2	5	>50	WOODY	WOODY	>10
REED TURNER	CW2	6	>50	WOODY	WOODY	>10
REED TURNER	CW2	7	>50	WOODY	WOODY	>10
REED TURNER	CW2	8	>50	WOODY	WOODY	<5
REED TURNER	CW2	9	<50	WOODY	WOODY	<5
REED TURNER	CW2	10	<50	WOODY	WOODY	<5
REED TURNER	CW3	1	>50	HERB	HERB	>10
REED TURNER	CW3	2	>50	HERB	HERB	<5
REED TURNER	CW3	3	>50	HERB		<5
REED TURNER	CW3	4	>50	HERB		<5
REED TURNER	CW3	5	>50	WOODY	WOODY	>10
REED TURNER	CW3	6	>50	WOODY	WOODY	>10
REED TURNER	CW3	7	>50	WOODY	WOODY	>10
REED TURNER	CW3	8	>50	WOODY	WOODY	>10
REED TURNER	CW3	9	>50	WOODY	WOODY	>10
REED TURNER	CW3	10	>50	WOODY	WOODY	>10
REED TURNER	CW3	11	>50	WOODY	WOODY	>10
REED TURNER	CW3	12	>50	WOODY	HERB	>10
REED TURNER	CW3	13	>50	WOODY	WOODY	>10
REED TURNER	CW3	14	>50	WOODY	WOODY	>10
REED TURNER	CW3	15	>50	WOODY	WOODY	10
REED TURNER	CW3	16	>50	WOODY	WOODY	<5
REED TURNER	CW3	17	>50	WOODY	WOODY	<10
REED TURNER	CW3	18	>50	WOODY	WOODY	>10
REED TURNER	CW3	19	>50	WOODY	WOODY	>10
REED TURNER	CW3	20	>50	WOODY	WOODY	>10
REED TURNER	EW1	1	>50	WOODY	WOODY	>10
REED TURNER	EW1	2	>50	WOODY	WOODY	>10
REED TURNER	EW1	3	>50	WOODY	WOODY	>10
REED TURNER	EW1	4	>50	WOODY	WOODY	>10
REED TURNER	EW1	5	>50	WOODY	WOODY	>10
REED TURNER	EW1	6	>50	WOODY	WOODY	>10
REED TURNER	EW1	7	>50	WOODY	WOODY	>10
REED TURNER	EW1	8	>50	WOODY	WOODY	>10
REED TURNER	EW1	9	>50	WOODY	WOODY	>10
REED TURNER	EW1	10	>50	WOODY	WOODY	>10

[a]AMOUNTCAN = % CANOPY AND DISTEDGE = DISTANCE TO NEAREST EDGE

Appendix F. Small mammal capture data from the Wadsworth savanna site, 6-8 August, 1986.

Record#	LOCATION	DATE	TRANSECT	STATION	SPECIES	AGE	SEX	REPRODUCTIVE STATUS
1	WADSWORTH	08/06/86	1	6	P. LEUCOPUS	ADULT	M	DESCENDED
2	WADSWORTH	08/06/86	1	13	P. LEUCOPUS	ADULT	M	DESCENDED
3	WADSWORTH	08/06/86	1	14	P. LEUCOPUS	JUVENILE	F	
4	WADSWORTH	08/06/86	1	17	P. LEUCOPUS	ADULT	F	LACTATING
5	WADSWORTH	08/06/86	2	2	P. LEUCOPUS	ADULT	F	PREGNANT
6	WADSWORTH	08/06/86	2	15	P. LEUCOPUS	ADULT	F	PREGNANT
7	WADSWORTH	08/06/86	3	1	P. LEUCOPUS	ADULT	M	DESCENDED
8	WADSWORTH	08/06/86	3	2	P. LEUCOPUS	ADULT	M	DESCENDED
9	WADSWORTH	08/06/86	3	3	M. PENNSYLVANICUS ??	ADULT	F	
10	WADSWORTH	08/06/86	3	7	P. LEUCOPUS	ADULT	M	DESCENDED
11	WADSWORTH	08/06/86	3	8	P. LEUCOPUS	ADULT	M	DESCENDED
12	WADSWORTH	08/06/86	4	2	P. LEUCOPUS	SUBADULT	F	
105	WADSWORTH	08/07/86	1	3	P. LEUCOPUS	ADULT	M	DESCENDED
106	WADSWORTH	08/07/86	1	5	P. LEUCOPUS	ADULT	F	LACTATING
107	WADSWORTH	08/07/86	1	6	P. LEUCOPUS	ADULT	F	
108	WADSWORTH	08/07/86	1	7	P. LEUCOPUS	ADULT	M	DESCENDED
109	WADSWORTH	08/07/86	1	8	P. LEUCOPUS	ADULT	F	LACTATING
110	WADSWORTH	08/07/86	1	10	P. LEUCOPUS	ADULT	M	DESCENDED
111	WADSWORTH	08/07/86	1	15	P. LEUCOPUS	ADULT	M	DESCENDED
112	WADSWORTH	08/07/86	1	18	P. LEUCOPUS	ADULT	M	DESCENDED
113	WADSWORTH	08/07/86	3	6	P. LEUCOPUS	ADULT	M	DESCENDED
114	WADSWORTH	08/07/86	3	17	P. LEUCOPUS	ADULT	M	DESCENDED
115	WADSWORTH	08/07/86	3	18	P. LEUCOPUS	ADULT	M	DESCENDED
116	WADSWORTH	08/07/86	3	18	P. LEUCOPUS	ADULT	M	DESCENDED
117	WADSWORTH	08/07/86	4	3	P. LEUCOPUS	ADULT	M	DESCENDED
118	WADSWORTH	08/07/86	4	5	P. LEUCOPUS	ADULT	M	DESCENDED
119	WADSWORTH	08/07/86	4	6	P. LEUCOPUS	ADULT	M	DESCENDED
120	WADSWORTH	08/07/86	4	6	P. LEUCOPUS	SUBADULT	F	
121	WADSWORTH	08/07/86	4	11	P. LEUCOPUS	ADULT	F	PREGNANT
122	WADSWORTH	08/07/86	4	12	P. LEUCOPUS	ADULT	F	
123	WADSWORTH	08/07/86	4	16	P. LEUCOPUS	ADULT	F	
124	WADSWORTH	08/07/86	4	16	P. LEUCOPUS	ADULT	M	DESCENDED
125	WADSWORTH	08/07/86	4	17	P. LEUCOPUS	ADULT	M	DESCENDED
197	WADSWORTH	08/08/86	1	6	P. LEUCOPUS	ADULT	M	DESCENDED
198	WADSWORTH	08/08/86	1	7	P. LEUCOPUS	ADULT	F	PREGNANT
199	WADSWORTH	08/08/86	1	14	M. PENNSYLVANICUS	ADULT	F	PREGNANT
200	WADSWORTH	08/08/86	2	1	P. LEUCOPUS	ADULT	M	DESCENDED
201	WADSWORTH	08/08/86	2	1	M. PENNSYLVANICUS	ADULT	M	DESCENDED
202	WADSWORTH	08/08/86	2	4	P. LEUCOPUS	ADULT	M	DESCENDED
203	WADSWORTH	08/08/86	2	4	P. LEUCOPUS	ADULT	M	DESCENDED
204	WADSWORTH	08/08/86	2	5	P. LEUCOPUS	ADULT	F	LACTATING
205	WADSWORTH	08/08/86	2	18	P. LEUCOPUS	ADULT	M	DESCENDED
206	WADSWORTH	08/08/86	3	1	P. LEUCOPUS	ADULT	M	DESCENDED
207	WADSWORTH	08/08/86	3	18	P. LEUCOPUS	SUBADULT	F	
208	WADSWORTH	08/08/86	3	18	P. LEUCOPUS	ADULT	M	
209	WADSWORTH	08/08/86	4	1	P. LEUCOPUS	ADULT	M	DESCENDED
210	WADSWORTH	08/08/86	4	2	P. LEUCOPUS	ADULT	F	
211	WADSWORTH	08/08/86	4	2	P. LEUCOPUS	ADULT	M	DESCENDED
212	WADSWORTH	08/08/86	4	12	P. LEUCOPUS	ADULT	M	DESCENDED
213	WADSWORTH	08/08/86	4	12	P. LEUCOPUS	ADULT	M	DESCENDED
214	WADSWORTH	08/08/86	4	15	P. LEUCOPUS	ADULT	F	
215	WADSWORTH	08/08/86	4	17	P. LEUCOPUS	ADULT	F	LACTATING

Appendix G. Small mammal capture data from the Middle Fork savanna site, 6-8 August, 1986.

RecordID	LOCATION	DATE	TRANSECT	STATION	SPECIES	AGE	SEX	REPRODUCTIVE STATUS
13	MIDDLE FORK	08/06/86	1	1	P. LEUCOPUS	ADULT	M	DESCENDED
14	MIDDLE FORK	08/06/86	1	2	P. LEUCOPUS	ADULT	M	DESCENDED
15	MIDDLE FORK	08/06/86	1	2	P. LEUCOPUS	SUBADULT	F	
16	MIDDLE FORK	08/06/86	1	3	P. LEUCOPUS	ADULT	M	DESCENDED
17	MIDDLE FORK	08/06/86	1	4	P. LEUCOPUS	SUBADULT	F	
18	MIDDLE FORK	08/06/86	1	10	P. LEUCOPUS	ADULT	M	DESCENDED
19	MIDDLE FORK	08/06/86	2	1	P. LEUCOPUS	SUBADULT	F	
20	MIDDLE FORK	08/06/86	2	1	T. STRIATUS	ADULT	F	
21	MIDDLE FORK	08/06/86	2	2	P. LEUCOPUS	ADULT	M	DESCENDED
22	MIDDLE FORK	08/06/86	2	2	P. LEUCOPUS	ADULT	F	LACTATING
23	MIDDLE FORK	08/06/86	2	4	P. LEUCOPUS	ADULT	F	
24	MIDDLE FORK	08/06/86	2	4	P. LEUCOPUS	ADULT	M	DESCENDED
25	MIDDLE FORK	08/06/86	2	10	P. LEUCOPUS	ADULT	M	DESCENDED
26	MIDDLE FORK	08/06/86	3	1	T. STRIATUS	SUBADULT	M	
27	MIDDLE FORK	08/06/86	3	2	P. LEUCOPUS	ADULT	M	DESCENDED
28	MIDDLE FORK	08/06/86	3	2	P. LEUCOPUS	ADULT	M	DESCENDED
29	MIDDLE FORK	08/06/86	3	3	P. LEUCOPUS	ADULT	M	DESCENDED
30	MIDDLE FORK	08/06/86	3	6	P. LEUCOPUS	ADULT	F	PREGNANT
31	MIDDLE FORK	08/06/86	3	8	P. LEUCOPUS	SUBADULT	F	
32	MIDDLE FORK	08/06/86	3	10	P. LEUCOPUS	ADULT	F	
33	MIDDLE FORK	08/06/86	3	10	P. LEUCOPUS	ADULT	M	DESCENDED
34	MIDDLE FORK	08/06/86	4	1	P. LEUCOPUS	ADULT	M	DESCENDED
35	MIDDLE FORK	08/06/86	4	5	P. LEUCOPUS	ADULT	M	DESCENDED
36	MIDDLE FORK	08/06/86	4	6	P. LEUCOPUS	ADULT	M	DESCENDED
37	MIDDLE FORK	08/06/86	4	7	I. HUDSONIUS	ADULT	F	
38	MIDDLE FORK	08/06/86	5	1	P. LEUCOPUS	ADULT	F	
39	MIDDLE FORK	08/06/86	5	9	P. LEUCOPUS	ADULT	F	LACTATING
40	MIDDLE FORK	08/06/86	5	9	P. LEUCOPUS	ADULT	M	DESCENDED
41	MIDDLE FORK	08/06/86	5	10	P. LEUCOPUS	ADULT	F	LACTATING
42	MIDDLE FORK	08/06/86	6	4	P. LEUCOPUS	ADULT	F	PREGNANT
43	MIDDLE FORK	08/06/86	6	4	P. LEUCOPUS	ADULT	F	
44	MIDDLE FORK	08/06/86	6	9	P. LEUCOPUS	ADULT	F	LACTATING
126	MIDDLE FORK	08/07/86	1	9	P. LEUCOPUS	ADULT	F	
127	MIDDLE FORK	08/07/86	1	10	P. LEUCOPUS	ADULT	M	DESCENDED
128	MIDDLE FORK	08/07/86	1	10	P. LEUCOPUS	ADULT	M	DESCENDED
129	MIDDLE FORK	08/07/86	1	10	P. LEUCOPUS	ADULT	M	
130	MIDDLE FORK	08/07/86	2	2	P. LEUCOPUS	ADULT	M	DESCENDED
131	MIDDLE FORK	08/07/86	2	3	P. LEUCOPUS	ADULT	M	DESCENDED
132	MIDDLE FORK	08/07/86	2	3	P. LEUCOPUS	ADULT	F	
133	MIDDLE FORK	08/07/86	2	5	P. LEUCOPUS	ADULT	F	
134	MIDDLE FORK	08/07/86	2	5	P. LEUCOPUS	ADULT	M	DESCENDED
135	MIDDLE FORK	08/07/86	2	7	P. LEUCOPUS	ADULT	F	LACTATING
136	MIDDLE FORK	08/07/86	3	2	P. LEUCOPUS	ADULT	F	PREGNANT
137	MIDDLE FORK	08/07/86	3	6	P. LEUCOPUS	ADULT	M	DESCENDED
138	MIDDLE FORK	08/07/86	3	10	P. LEUCOPUS	ADULT	M	DESCENDED
139	MIDDLE FORK	08/07/86	3	10	P. LEUCOPUS	ADULT	F	
140	MIDDLE FORK	08/07/86	4	1	P. LEUCOPUS	ADULT	F	LACTATING
141	MIDDLE FORK	08/07/86	6	1	P. LEUCOPUS	ADULT	M	DESCENDED
142	MIDDLE FORK	08/07/86	6	4	P. LEUCOPUS	ADULT	M	DESCENDED
143	MIDDLE FORK	08/07/86	6	6	P. LEUCOPUS	ADULT	F	PREGNANT
216	MIDDLE FORK	08/08/86	1	1	P. LEUCOPUS	ADULT	F	PREGNANT
217	MIDDLE FORK	08/08/86	1	1	P. LEUCOPUS	ADULT	M	DESCENDED
218	MIDDLE FORK	08/08/86	1	5	S. CINEREUS	ADULT	F	
219	MIDDLE FORK	08/08/86	1	9	P. LEUCOPUS	ADULT	M	DESCENDED
220	MIDDLE FORK	08/08/86	1	10	P. LEUCOPUS	ADULT	M	DESCENDED
221	MIDDLE FORK	08/08/86	3	10	I. HUDSONIUS	ADULT	M	DESCENDED
222	MIDDLE FORK	08/08/86	4	1	P. LEUCOPUS	ADULT	M	DESCENDED
223	MIDDLE FORK	08/08/86	4	9	P. LEUCOPUS	ADULT	F	LACTATING
224	MIDDLE FORK	08/08/86	4	9	P. LEUCOPUS	ADULT	M	DESCENDED
225	MIDDLE FORK	08/08/86	4	10	P. LEUCOPUS	SUBADULT	F	
226	MIDDLE FORK	08/08/86	5	3	P. LEUCOPUS	ADULT	M	DESCENDED
227	MIDDLE FORK	08/08/86	5	5	P. LEUCOPUS	ADULT	F	

Appendix II. Small mammal capture data from the Somme Woods savanna site, 6-8 August, 1986

Record#	LOCATION	DATE	TRANSECT	STATION	SPECIES	AGE	SEX	REPRODUCTIVE STATUS
45	SOMME WOODS	08/06/86	3T	1	P. LEUCOPUS	ADULT	M	
46	SOMME WOODS	08/06/86	3T	1	P. LEUCOPUS	ADULT	M	
47	SOMME WOODS	08/06/86	3T	7	M. PENNSYLVANICUS	ADULT	M	DESCENDED
48	SOMME WOODS	08/06/86	3T	14	P. LEUCOPUS	ADULT	M	DESCENDED
49	SOMME WOODS	08/06/86	3T	14	P. LEUCOPUS	ADULT	F	
50	SOMME WOODS	08/06/86	3T	16	P. LEUCOPUS	ADULT	F	PREGNANT
51	SOMME WOODS	08/06/86	3T	18	P. LEUCOPUS	ADULT	M	DESCENDED
52	SOMME WOODS	08/06/86	3T	20	P. LEUCOPUS	ADULT	M	DESCENDED
53	SOMME WOODS	08/06/86	3T	21	P. LEUCOPUS	ADULT	F	LACTATING
54	SOMME WOODS	08/06/86	3T	21	P. LEUCOPUS	ADULT	M	DESCENDED
55	SOMME WOODS	08/06/86	3T	23	P. LEUCOPUS	SUBADULT	F	
56	SOMME WOODS	08/06/86	3C	3	P. LEUCOPUS	ADULT	M	DESCENDED
57	SOMME WOODS	08/06/86	3C	16	P. LEUCOPUS	ADULT	M	DESCENDED
58	SOMME WOODS	08/06/86	4C	1	P. LEUCOPUS	ADULT	M	DESCENDED
59	SOMME WOODS	08/06/86	4C	2	P. LEUCOPUS	ADULT	F	
60	SOMME WOODS	08/06/86	4C	3	P. LEUCOPUS	ADULT	F	LACTATING
61	SOMME WOODS	08/06/86	4C	3	P. LEUCOPUS	ADULT	F	LACTATING
62	SOMME WOODS	08/06/86	4C	?	P. LEUCOPUS	ADULT	M	DESCENDED
63	SOMME WOODS	08/06/86	4C	?	P. LEUCOPUS	JUVENILE	M	
64	SOMME WOODS	08/06/86	4C	?	P. LEUCOPUS	ADULT	M	DESCENDED
65	SOMME WOODS	08/06/86	4C	?	P. LEUCOPUS	ADULT	F	PREGNANT
66	SOMME WOODS	08/06/86	4C	?	P. LEUCOPUS	ADULT	M	DESCENDED
67	SOMME WOODS	08/06/86	4C	?	P. LEUCOPUS	ADULT	M	DESCENDED
68	SOMME WOODS	08/06/86	4C	?	P. LEUCOPUS	ADULT	M	DESCENDED
69	SOMME WOODS	08/06/86	4C	?	P. LEUCOPUS	ADULT	M	DESCENDED
70	SOMME WOODS	08/06/86	4C	?	P. LEUCOPUS	ADULT	M	DESCENDED
71	SOMME WOODS	08/06/86	4C	?	P. LEUCOPUS	ADULT	F	LACTATING
72	SOMME WOODS	08/06/86	4C	?	P. LEUCOPUS	ADULT	F	LACTATING
73	SOMME WOODS	08/06/86	4C	?	P. LEUCOPUS	ADULT	F	LACTATING
74	SOMME WOODS	08/06/86	4C	?	P. LEUCOPUS	ADULT	F	PREGNANT
75	SOMME WOODS	08/06/86	4C	?	P. LEUCOPUS	ADULT	M	DESCENDED
76	SOMME WOODS	08/06/86	4C	?	P. LEUCOPUS	UNKNOWN	?	
77	SOMME WOODS	08/06/86	4T	1	P. LEUCOPUS	ADULT	F	
78	SOMME WOODS	08/06/86	4T	1	P. LEUCOPUS	ADULT	M	DESCENDED
79	SOMME WOODS	08/06/86	4T	?	P. LEUCOPUS	ADULT	F	PREGNANT
80	SOMME WOODS	08/06/86	4T	?	P. LEUCOPUS	ADULT	M	DESCENDED
81	SOMME WOODS	08/06/86	4T	?	P. LEUCOPUS	ADULT	F	
82	SOMME WOODS	08/06/86	4T	?	P. LEUCOPUS	ADULT	F	LACTATING
83	SOMME WOODS	08/06/86	4T	?	P. LEUCOPUS	ADULT	M	DESCENDED
84	SOMME WOODS	08/06/86	4T	?	P. LEUCOPUS	ADULT	F	
85	SOMME WOODS	08/06/86	4T	?	P. LEUCOPUS	ADULT	F	PREGNANT
86	SOMME WOODS	08/06/86	4T	?	P. LEUCOPUS	ADULT	M	DESCENDED
87	SOMME WOODS	08/06/86	4T	?	P. LEUCOPUS	ADULT	F	
88	SOMME WOODS	08/06/86	4T	?	P. LEUCOPUS	JUVENILE	F	
89	SOMME WOODS	08/06/86	4T	17	P. LEUCOPUS	ADULT	F	
90	SOMME WOODS	08/06/86	4T	18	P. LEUCOPUS	SUBADULT	F	
91	SOMME WOODS	08/06/86	4T	19	P. LEUCOPUS	ADULT	M	DESCENDED
92	SOMME WOODS	08/06/86	4T	20	P. LEUCOPUS	ADULT	F	LACTATING
93	SOMME WOODS	08/06/86	4T	21	P. LEUCOPUS	ADULT	F	LACTATING
144	SOMME WOODS	08/07/86	3T	1	P. LEUCOPUS	ADULT	F	LACTATING
145	SOMME WOODS	08/07/86	3T	1	P. LEUCOPUS	ADULT	M	DESCENDED
146	SOMME WOODS	08/07/86	3T	7	P. LEUCOPUS	ADULT	F	PREGNANT
147	SOMME WOODS	08/07/86	3T	14	P. LEUCOPUS	ADULT	M	DESCENDED
148	SOMME WOODS	08/07/86	3T	15	P. LEUCOPUS	ADULT	F	
149	SOMME WOODS	08/07/86	4T	1	P. LEUCOPUS	ADULT	M	DESCENDED
150	SOMME WOODS	08/07/86	4T	3	T. STRIATUS	ADULT	M	
151	SOMME WOODS	08/07/86	4T	5	P. LEUCOPUS	ADULT	M	DESCENDED
152	SOMME WOODS	08/07/86	4T	6	P. LEUCOPUS	JUVENILE	M	
153	SOMME WOODS	08/07/86	4T	6	P. LEUCOPUS	ADULT	F	
154	SOMME WOODS	08/07/86	4T	6	P. LEUCOPUS	ADULT	M	DESCENDED

Appendix H. (Continued). Small mammal capture data from the Somme Woods savanna site, 6-8 August, 1986.

155	SOMME WOODS	08/07/86	4T	9	P. LEUCOPUS	ADULT	M	DESCENDED
156	SOMME WOODS	08/07/86	4T	9	T. STRIATUS	UNKNOWN	?	
157	SOMME WOODS	08/07/86	4T	10	P. LEUCOPUS	ADULT	M	DESCENDED
158	SOMME WOODS	08/07/86	4T	11	P. LEUCOPUS	ADULT	M	DESCENDED
159	SOMME WOODS	08/07/86	4T	12	P. LEUCOPUS	ADULT	M	DESCENDED
160	SOMME WOODS	08/07/86	4T	12	P. LEUCOPUS	ADULT	M	DESCENDED
161	SOMME WOODS	08/07/86	4T	13	P. LEUCOPUS	ADULT	F	LACTATING
162	SOMME WOODS	08/07/86	4T	14	P. LEUCOPUS	UNKNOWN	?	
163	SOMME WOODS	08/07/86	4T	15	P. LEUCOPUS	ADULT	M	DESCENDED
164	SOMME WOODS	08/07/86	4T	16	P. LEUCOPUS	ADULT	F	LACTATING
165	SOMME WOODS	08/07/86	4T	18	P. LEUCOPUS	ADULT	M	DESCENDED
166	SOMME WOODS	08/07/86	4T	19	P. LEUCOPUS	ADULT	M	DESCENDED
167	SOMME WOODS	08/07/86	4T	20	P. LEUCOPUS	ADULT	M	DESCENDED
168	SOMME WOODS	08/07/86	4T	23	P. LEUCOPUS	ADULT	M	DESCENDED
169	SOMME WOODS	08/07/86	4C	3	P. LEUCOPUS	ADULT	M	DESCENDED
170	SOMME WOODS	08/07/86	4C	5	P. LEUCOPUS	ADULT	M	DESCENDED
171	SOMME WOODS	08/07/86	4C	5	P. LEUCOPUS	ADULT	M	DESCENDED
172	SOMME WOODS	08/07/86	4C	5	P. LEUCOPUS	ADULT	F	LACTATING
173	SOMME WOODS	08/07/86	4C	7	P. LEUCOPUS	ADULT	F	LACTATING
174	SOMME WOODS	08/07/86	4C	8	P. LEUCOPUS	SUBADULT	F	
175	SOMME WOODS	08/07/86	4C	9	P. LEUCOPUS	SUBADULT	M	
176	SOMME WOODS	08/07/86	4C	9	P. LEUCOPUS	ADULT	M	DESCENDED
177	SOMME WOODS	08/07/86	4C	10	P. LEUCOPUS	ADULT	M	DESCENDED
178	SOMME WOODS	08/07/86	4C	10	P. LEUCOPUS	ADULT	F	LACTATING
179	SOMME WOODS	08/07/86	4C	12	P. LEUCOPUS	ADULT	F	LACTATING
180	SOMME WOODS	08/07/86	4C	14	P. LEUCOPUS	JUVENILE	F	
181	SOMME WOODS	08/07/86	4C	14	P. LEUCOPUS	ADULT	M	DESCENDED
182	SOMME WOODS	08/07/86	4C	15	P. LEUCOPUS	JUVENILE	F	
183	SOMME WOODS	08/07/86	4C	15	P. LEUCOPUS	JUVENILE	M	
184	SOMME WOODS	08/07/86	4C	16	P. LEUCOPUS	SUBADULT	F	
185	SOMME WOODS	08/07/86	4C	20	P. LEUCOPUS	JUVENILE	F	
186	SOMME WOODS	08/07/86	4C	21	P. LEUCOPUS	JUVENILE	F	
187	SOMME WOODS	08/07/86	4C	22	P. LEUCOPUS	ADULT	M	DESCENDED
188	SOMME WOODS	08/07/86	4C	22	P. LEUCOPUS	ADULT	M	DESCENDED
189	SOMME WOODS	08/07/86	4C	22	P. LEUCOPUS	JUVENILE	M	
190	SOMME WOODS	08/07/86	4C	23	P. LEUCOPUS	ADULT	F	LACTATING
191	SOMME WOODS	08/07/86	4C	23	P. LEUCOPUS	ADULT	M	DESCENDED
228	SOMME WOODS	08/08/86	3T	2	P. LEUCOPUS ????	ADULT	M	DESCENDED
229	SOMME WOODS	08/08/86	3T	15	P. LEUCOPUS	ADULT	M	DESCENDED
230	SOMME WOODS	08/08/86	3T	18	P. LEUCOPUS	ADULT	M	DESCENDED
231	SOMME WOODS	08/08/86	3C	1	P. LEUCOPUS	ADULT	M	DESCENDED
232	SOMME WOODS	08/08/86	3C	3	P. LEUCOPUS	ADULT	?	
233	SOMME WOODS	08/08/86	3C	15	P. LEUCOPUS	ADULT	M	DESCENDED
234	SOMME WOODS	08/08/86	3C	16	P. LEUCOPUS	SUBADULT	F	
235	SOMME WOODS	08/08/86	3C	19	T. STRIATUS	ADULT	M	
236	SOMME WOODS	08/08/86	4T	1	P. LEUCOPUS	JUVENILE	F	
237	SOMME WOODS	08/08/86	4T	1	P. LEUCOPUS	JUVENILE	F	
238	SOMME WOODS	08/08/86	4T	2	P. LEUCOPUS	ADULT	M	DESCENDED
239	SOMME WOODS	08/08/86	4T	2	P. LEUCOPUS	ADULT	F	
240	SOMME WOODS	08/08/86	4T	3	P. LEUCOPUS	ADULT	F	
241	SOMME WOODS	08/08/86	4T	5	P. LEUCOPUS	JUVENILE	M	
242	SOMME WOODS	08/08/86	4T	6	P. LEUCOPUS	ADULT	M	
243	SOMME WOODS	08/08/86	4T	7	P. LEUCOPUS	ADULT	M	
244	SOMME WOODS	08/08/86	4T	9	P. LEUCOPUS	JUVENILE	M	
245	SOMME WOODS	08/08/86	4T	11	P. LEUCOPUS	ADULT	M	DESCENDED
246	SOMME WOODS	08/08/86	4T	11	P. LEUCOPUS	ADULT	M	DESCENDED
247	SOMME WOODS	08/08/86	4T	18	P. LEUCOPUS	ADULT	F	LACTATING
248	SOMME WOODS	08/08/86	4T	21	P. LEUCOPUS	ADULT	F	PREGNANT
249	SOMME WOODS	08/08/86	4C	6	P. LEUCOPUS	UNKNOWN	?	
250	SOMME WOODS	08/08/86	4C	17	P. LEUCOPUS	UNKNOWN	?	
251	SOMME WOODS	08/08/86	4C	21	P. LEUCOPUS	ADULT	M	DESCENDED

Appendix I. Small mammal capture data from the Reed Turner savanna site, 6-8 August, 1986

Record#	LOCATION	DATE	TRANSECT	STATION	SPECIES	AGE	SEX	REPRODUCTIVE STATUS
94	REED TURNER	08/06/86	WW1	6	P. LEUCOPUS	ADULT	M	DESCENDED
95	REED TURNER	08/06/86	WW1	8	P. LEUCOPUS	ADULT	F	PREGNANT
96	REED TURNER	08/06/86	CW2	6	P. LEUCOPUS	ADULT	M	DESCENDED
97	REED TURNER	08/06/86	CW3	?	P. LEUCOPUS	ADULT	M	DESCENDED
98	REED TURNER	08/06/86	CW3	?	P. LEUCOPUS	ADULT	M	DESCENDED
99	REED TURNER	08/06/86	CW3	?	P. LEUCOPUS	ADULT	M	DESCENDED
100	REED TURNER	08/06/86	EW1	2	P. LEUCOPUS	ADULT	M	DESCENDED
101	REED TURNER	08/06/86	EW1	2	P. LEUCOPUS	ADULT	F	PREGNANT
102	REED TURNER	08/06/86	EW1	3	P. LEUCOPUS	ADULT	M	DESCENDED
103	REED TURNER	08/06/86	EW1	8	P. LEUCOPUS	ADULT	F	PREGNANT
104	REED TURNER	08/06/86	EW1	9	P. LEUCOPUS	ADULT	M	DESCENDED
192	REED TURNER	08/07/86	WW1	3	P. LEUCOPUS	SUBADULT	F	
193	REED TURNER	08/07/86	WW1	3	P. LEUCOPUS	ADULT	F	PREGNANT
194	REED TURNER	08/07/86	WW1	6	P. LEUCOPUS	ADULT	F	PREGNANT
195	REED TURNER	08/07/86	WW1	8	P. LEUCOPUS	ADULT	F	PREGNANT
196	REED TURNER	08/07/86	CW2	2	P. LEUCOPUS	ADULT	F	PREGNANT
252	REED TURNER	08/08/86	WW1	1	P. LEUCOPUS	ADULT	M	DESCENDED
253	REED TURNER	08/08/86	WW1	8	P. LEUCOPUS	ADULT	F	PREGNANT
254	REED TURNER	08/08/86	WW1	9	P. LEUCOPUS	ADULT	M	DESCENDED
255	REED TURNER	08/08/86	CW2	4	P. LEUCOPUS	ADULT	M	DESCENDED