



# 2004/2005 Annual Summary Report

of the Incidental Takings Authorizations  
for Grassland and Savanna Management

Endangered Resources Program  
Wisconsin Department of Natural Resources

Morgan Coulee Prairie - Photo by Eric Epstein

## INTRODUCTION

The Grassland/Savanna Management Protocols were authorized in February 2000 to provide broad taking authorization for those species whose continued existence depends upon periodic natural disturbance. The intent of the authorization is to allow the Department to conduct habitat management so that species and the natural ecosystems as a whole are maintained, and not lost to vegetative succession or invasive species, while still following the intent of the Wisconsin Endangered Species Law (29.604 state stats.). The authorization applies to all grassland and savanna management activities that the Department conducts, funds or approves.

The development of an annual summary report is a condition of formal authorization. Condition 4 states *“The Department shall compile an annual summary report documenting by property the past year’s grassland/savanna management where listed species were determined to be present.”* Summary reports have been completed for 2000/2001 and 2002. This report serves as the annual summary for 2004/2005 and provides a general overview of how the Department has conducted grassland/savanna management within the confines of the existing protocols. Included herein is a summary of the following information: general management objectives, the estimated total acreage of incidental taking, how the species protocols were followed, presence/absence surveys, and what alternative management was carried out if protocols were not followed.

The Grassland/Savanna Management Protocols require managers to provide information to the Bureau of Endangered Resources only if screening indicates that legally protected species are likely present in the management area. If so, then managers are to follow the Species Protocols and document how management for listed species was addressed on a form provided in the Authorization Document. Thus, the following does not provide details on the full extent and scope of screening that has occurred for state grassland and savanna management activities, but rather only those that were likely to impact a threatened or endangered species. In addition, inclusion in this report does not verify that activities caused take – instead it acknowledges that the activities had the potential for take based on the known or unknown but likely presence of a listed species.

Property managers provided activity documentation for 2004/2005 by submitting the Grassland/Savanna Management Documentation Form or other format that included the same information to the Endangered Resources Program. The information is summarized in Table 1. The full documentation is included in files located at the Endangered Resources Program office in Madison, Wisconsin.

## RESULTS

Table 1 provides a summary organized by property of all documented activities that followed the Grassland/Savanna Management Protocols in 2004/2005. The information was compiled from property managers who are required to send in the Grassland/Savanna Management Documentation form for grassland/savanna management activities they conduct. Table 1 lists for each activity the estimated acreage impacted, the species likely to be present, the guidelines followed, and whether surveys were conducted to determine presence or absence of specific species. For 2004, 13 managers provided information on 41 properties located in 18 counties located throughout the state of Wisconsin. For 2005, 11 managers provided information on 40 properties located in 20 counties located throughout the state of Wisconsin. Over 6,536 acres of grassland and savanna habitat (2,749 in 2004 and 3,787 in 2005) were covered under the incidental taking authorization (for some activities, sufficient acreage information was not provided).

DNR staff conducted the majority of activities reported for 2004/2005 on lands owned by the DNR (Table 2). In addition, DNR staff conducted grassland/savanna management activities on privately owned properties. The Nature Conservancy, The Prairie Enthusiasts, and the Madison Audubon Society have also conducted activities on lands that they manage and/or own. The Nature Conservancy manages a number of properties that are privately owned but either designated as State Natural Areas or managed with the assistance of DNR staff, thus their activities were covered by the takings authorization.

**Table 2. Summary of property types with management activities covered by the Incidental Take Authorization for Grassland and Savanna Management**

	2004 Properties	2005 Properties
State Natural Areas	25	27
State Wildlife Areas	9	8
State Forests	2	2
State Recreation Areas	0	0
State Parks	2	1
Other/Private Lands	3	2
<b>Total</b>	<b>41</b>	<b>40</b>

The activities covered under the Authorization had the potential to impact the following 41 species in 2004 and 2005. All of these species are covered by the Grassland/Savanna Management Protocols.

**Table 3. Species covered under the Incidental Take Authorization for Grassland and Savanna Management – 2004/2005**

<b>Plants (24)</b>	
• brittle prickly pear ( <i>Opuntia fragilis</i> ) THR	• prairie white-fringed orchid ( <i>Platanthera leucophaea</i> ) END
• dwarf huckleberry ( <i>Vaccinium caespitosum</i> ) END*	• purple milkweed ( <i>A. purpurescens</i> ) END
• hairy wild petunia ( <i>Ruellia humilis</i> ) END	• rough rattlesnake root ( <i>Prenanthes aspera</i> ) END
• Hill's thistle ( <i>Cirsium hillii</i> ) THR	• round-stemmed false foxglove ( <i>Agalinis gattereri</i> ) THR
• kitten tails ( <i>Besseyia bullii</i> ) THR	• roundfruit St. John's-wort ( <i>Hypericum sphaerocarpum</i> ) THR
• pale false foxglove ( <i>A. skinneriana</i> ) END	• sand violet ( <i>Viola fimbriatula</i> ) END**
• pale purple coneflower ( <i>Echinacea pallida</i> ) THR	• small skullcap ( <i>Scutellaria parvula</i> var. <i>parvula</i> ) END*

• pink milkwort ( <i>Polygala incarnata</i> ) END	• small white lady's slipper ( <i>Cypripedium candidum</i> ) THR
• prairie bush clover ( <i>Lespedeza leptostachya</i> ) END	• wild quinine ( <i>Parthenium integrifolium</i> ) THR*
• prairie Indian plantain ( <i>Cacalia tuberosa</i> ) THR	• woolly milkweed ( <i>Asclepias lanuginosa</i> ) THR
• prairie milkweed ( <i>A. sullivantii</i> ) THR	• yellow gentian ( <i>Gentiana alba</i> ) THR
• prairie parsley ( <i>Polytaenia nuttallii</i> ) THR	• yellow giant hyssop ( <i>Agastache nepetoides</i> ) THR

#### Birds (4)

• Bell's vireo ( <i>Vireo bellii</i> ) THR	• Yellow rail ( <i>Coturnicops noveboracensis</i> ) THR
• Henslow's sparrow ( <i>Ammodramus henslowii</i> ) THR	
• Loggerhead shrike ( <i>Lanius ludovicianus</i> ) END	

#### Terrestrial Invertebrates (7)

• Karner blue ( <i>Lycoides melissa samuelis</i> ) SC/LE**	• Regal fritillary butterfly ( <i>Speyera idalia</i> ) END
• Powesheik skipperling ( <i>Oarima poweshiek</i> ) END*	• Silphium borer moth ( <i>Papaipema silphii</i> ) END
• Prairie net-veined leafhopper ( <i>Polyamia dilatata</i> ) THR	• Swamp metalmark ( <i>Calephelis nutica</i> ) END**
• Red-tailed leaf hopper ( <i>Aflexia rubranura</i> ) END	

#### Reptiles (6)

• Blanding's turtle ( <i>Emydoidea blandingii</i> ) THR	• Ornate box turtle ( <i>Terrapene ornata</i> ) END
• Butler's gartersnake ( <i>Thamnophis butleri</i> ) THR	• Western slender glass lizard ( <i>Ophisaurus attenuatus</i> ) END
• Eastern massasauga rattlesnake ( <i>Sistrurus catnatus</i> ) END	• Wood turtle ( <i>Clemmys insculpta</i> ) THR

\* indicates species was only impacted in 2004

\*\* indicates species was only impacted in 2005

All management activities conducted in 2004/2005 and covered under the Authorization were for the purposes of recovering, maintaining or improving grassland, prairie or savanna ecosystems. The most common activities covered under the Authorization were prescribed burning and reed canary grass cutting. Additional activities included brush and tree cutting, herbiciding, mowing, and invasive removal.

In some cases, implementing a given protocol is not feasible or protocols for multiple listed species conflict with one another. The Grassland/Savanna Takings Authorization allows for management alternatives to the species protocols in such cases. Managers are advised to contact the Endangered Resources program and species experts to establish acceptable protocols that allow for incidental take without further legal Consultation or public notice. Alternatives to the protocols were developed on nine properties (column 6 of Table 1) in 2004/2005 for the Blanding's turtle, eastern massasauga rattlesnake, Butler's gartersnake, silphium borer moth, regal fritillary, and Powesheik skipperling.

Avoidance of likely impacts is required by the Authorization for three species (ornate box turtle, loggerhead shrike, and eastern massasauga rattlesnake) due to the extreme rarity and/or low reproductive rates for these species and the fact that specific management methods exist to avoid take. Areas containing habitat for and known occurrences of the ornate box turtle and eastern massasauga rattlesnake were impacted by management activities in 2004/2005 and the avoidance protocols were followed as required.

Surveys were conducted in some instances to determine presence or absence of species and what direction their management would have to follow (Column 8 of Table 1). Where surveys affirmed the presence of a listed species, managers were required to follow the protocols, thus the post-survey management activities

are included in this report. The results of the surveys are included in the project files for the individual properties.

Additional improvements to the species protocols and documentation requirements will continue to be developed as the Department implements future management activities under the Grassland/Savanna Incidental Take Authorization. Further information about the Grassland/Savanna Incidental Take Authorization or this Annual Report can be requested from Rori Paloski at the Endangered Resources Program at 608-264-6040.

**Table 1. Summary of Documentation  
for the Incidental Takings Authorization for Grassland/Savanna Management**

Site Name	Management Activity	Date Conducted	Total Acres Impacted	Species Present	Guidelines Followed?	Guidelines Followed By:	Surveys Conducted?	Manager	County
<b>2004</b>									
<b>Avoca Prairie SNA</b>									
T8NR2E Sec 6	Burn/Herbicide	03/23/04 - Burn, 08/19/2004 - Herbicide	2	Blanding's Turtle	Yes	Burned when temp was >50 degrees/herbicide applied directly to target species	No	M. Zine	Iowa
				Prairie Indian Plantain	Yes	Followed Timing Restrictions/herbicide applied directly to target species	No	M. Zine	Iowa
<b>Avon Bottoms Wildlife Area</b>									
T1NR10E S5	Burn	Spring 2004	unknown	Loggerhead Shrike	Yes	Followed Timing Restrictions	No	J. Meindel	Rock
				Small Skullcap	Yes	Followed Timing and/or Area Restrictions	No	J. Meindel	Rock
				Round-stemmed False Foxglove	Yes	Followed Timing and/or Area Restrictions	No	J. Meindel	Rock
				Yellow Gentian	Yes	Followed Timing and/or Area Restrictions	No	J. Meindel	Rock
T1NR10E S18 (Carey Tract)	Burn	Spring 2004	unknown	Blanding's Turtle	Yes	Followed Protocols For Prescribed Burns	unknown	J. Meindel	Rock
				Loggerhead Shrike	Yes	Followed Timing Restrictions	No	J. Meindel	Rock
				Hill's Thistle	Yes	Followed Timing Restrictions	No	J. Meindel	Rock
				Prairie Indian Plantain	Yes	Followed Timing Restrictions	No	J. Meindel	Rock
				Kitten Tails	Yes	Followed Timing Restrictions	No	J. Meindel	Rock
				Roundfruit St. John's-wort	Yes	Followed Timing Restrictions	No	J. Meindel	Rock
T1NR10E S27 (EWHP)	Burn	Spring 2004	unknown	Blanding's Turtle	Yes	Followed Protocols For Prescribed Burns	unknown	J. Meindel	Rock
				Pale Purple Coneflower	Yes	Followed Timing Restrictions	No	J. Meindel	Rock
				Kitten Tails	Yes	Followed Timing Restrictions	No	J. Meindel	Rock
				Roundfruit St. John's-wort	Yes	Followed Timing Restrictions	No	J. Meindel	Rock
				Prairie Indian Plantain	Yes	Followed Timing Restrictions	No	J. Meindel	Rock
				Prairie Milkweed	Yes	Followed Timing Restrictions	No	J. Meindel	Rock
<b>Barneveld Prairie SNA</b>									
	Brush Cutting	8/15/2003-5/15/2004	200	Bell's Vireo	Yes	Followed Timing Restrictions	Yes	TNC	Iowa
				Regal Fritillary	Yes	No Restrictions On This Activity	Yes	TNC	Iowa
				Loggerhead Shrike	Yes	Followed Timing Restrictions	Yes	TNC	Iowa
				Henslow's Sparrow	Yes	Followed Timing Restrictions	Yes	TNC	Iowa
Unit 4 - Thomas Unit/Unit 1 - Botham Unit	Burn	Fall 2004/Spring 2004	25/120	Bell's Vireo	Yes	Followed Timing Restrictions	Yes	TNC	Iowa
				Regal Fritillary	Yes	Followed Timing Restrictions	Yes	TNC	Iowa
				Loggerhead Shrike	Yes	Followed Timing Restrictions	Yes	TNC	Iowa
				Henslow's Sparrow	Yes	Followed Timing Restrictions	Yes	TNC	Iowa
	Grazing	Year-Round	100	Bell's Vireo	Yes	Followed Timing Restrictions	Yes	TNC	Iowa
				Regal Fritillary	Yes	Followed Timing Restrictions	Yes	TNC	Iowa
				Loggerhead Shrike	Yes	Followed Timing Restrictions	Yes	TNC	Iowa
				Henslow's Sparrow	Yes	Followed Timing Restrictions	Yes	TNC	Iowa
	Parsnip Mowing	July of 2004	20	Bell's Vireo	Yes	Followed Timing Restrictions	Yes	TNC	Iowa
				Regal Fritillary	Yes	Followed Timing Restrictions	Yes	TNC	Iowa
				Loggerhead Shrike	Yes	Followed Timing Restrictions	Yes	TNC	Iowa
				Henslow's Sparrow	Yes	Followed Timing Restrictions	Yes	TNC	Iowa
<b>Big Muskego Wildlife Area</b>									
T5NR20E Sec 22,23,27	Burn	3/22/2004	89	Purple Milkweed	Yes	Followed Timing Restrictions	No	J. Herrmann	Waukesha
<b>Black Earth Prairie SNA</b>									

Unit 1	unknown	6/26/1905	unknown	Round-stemmed False Foxglove	Yes	? (Managed by TPE)	2001	TPE	Dane
<b>Blue River Bluffs SNA</b>									
<b>T8NR2W Sec 10,15,16</b>	Burn	4/2/2004	160	Yellow Gentian	Yes	Followed Timing Restrictions	No	M. Zine	Grant
				Pink Milkwort	Yes	Followed Timing Restrictions	No	M. Zine	Grant
				Pale False Foxglove	Yes	Followed Timing Restrictions	No	M. Zine	Grant
				Ornate Box Turtle	Yes	Followed Timing Restrictions	No	M. Zine	Grant
<b>Blue River Sands SNA</b>									
<b>T8NR2W Sec 6</b>	Burn	11/12/2004	130	Blanding's turtle	Yes	No Suitable Blanding's Habitat in Burn Unit	No	M. Zine	Grant
<b>Blue Spring Oak Opening SNA</b>									
<b>Section 27</b>	Herbicide	10/30/2002	120	Kitten Tails	Yes	Avoidance/Herbicide only Locust	No	M.Zine	Jefferson
<b>Bluff Creek Springs Fens &amp; Oak Woods SNA</b>									
<b>T4NR15E Sec 23, 24</b>	Brush Cutting/Burn	04/20/2004 - Burn 12/20 & 12/21/2004 - Brush Cutting	20	S. White Lady's Slipper	Yes	Followed Timing Restrictions	Yes	M. Zine/R. Kurowski	Walworth
				Kitten Tails	Yes	Followed Timing Restrictions	Yes	M. Zine/R. Kurowski	Walworth
				Round-seed Saint John's Wort	Yes	Followed Timing Restrictions	Yes	M. Zine/R. Kurowski	Walworth
				Purple Milkweed	Yes	Followed Timing Restrictions	Yes	M. Zine/R. Kurowski	Walworth
				Blanding's Turtle	Yes	Conducted survey before & after burning	Yes	M. Zine/R. Kurowski	Walworth
<b>Brillion Wildlife Area T19NR20E, T20NR20E</b>									
<b>21025, 21034, 21035, 21036, 21038</b>	Burn	5/18/2004	70.809	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
<b>21101, 21102, 21103, 21104, 21105, 21106, 21107, 21106, 21109, 21110, 21115, 21116, 21117</b>	Burn	5/18/2004	48	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
<b>23501, 23502, 23504</b>	Burn	5/18/2004	42.778	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
<b>20705</b>	Cutting/Harvesting/Baling Cool Season Grass Hay	07/01/2004, 08/03/2004, 09/01/2004	3.833	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
<b>20706</b>	Cutting/Harvesting/Baling Cool Season Grass Hay	07/01/2004, 07/30/2004, 09/02/2004	15	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
<b>20707</b>	Cutting/Harvesting/Baling Cool Season Grass Hay	07/04/2004, 08/12/2004, 09/01/2004	1	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
<b>21118</b>	Cutting/Harvesting/Baling Cool Season Grass Hay	07/01/2004, 08/01/2004, 09/15/2004	9.528	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet

21119	Cutting/Harvesting/Baling Cool Season Grass Hay	06/01/2004, 07/26/2004, 09/01/2004	9.854	Yellow Rail Prairie Parsley	Yes Yes	Following timing restrictions Following timing restrictions	Yes Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
21120	Cutting/Harvesting/Baling Cool Season Grass Hay	06/01/2004, 07/01/2004, 09/31/2004	3	Yellow Rail Prairie Parsley	Yes Yes	Following timing restrictions Following timing restrictions	Yes Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
21501	Cutting/Harvesting/Baling Cool Season Grass Hay	07/04/2004, 08/01/2004, 08/31/2004	2	Yellow Rail Prairie Parsley	Yes Yes	Following timing restrictions Following timing restrictions	Yes Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
21503	Cutting/Harvesting/Baling Cool Season Grass Hay	07/01/2004, 08/01/2004, 08/20/2004	12.524	Yellow Rail Prairie Parsley	Yes Yes	Following timing restrictions Following timing restrictions	Yes Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
21906	Cutting/Harvesting/Baling Cool Season Grass Hay	11/1/2004	16	Yellow Rail Prairie Parsley	Yes Yes	Following timing restrictions Following timing restrictions	Yes Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
22106	Cutting/Harvesting/Baling Cool Season Grass Hay	07/01/2004, 07/29/2004, 09/01/2004	3.518	Yellow Rail Prairie Parsley	Yes Yes	Following timing restrictions Following timing restrictions	Yes Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
23301, 23302	Cutting/Harvesting/Baling Cool Season Grass Hay	06/22/2004, 07/30/2004, 08/30/2004	22	Yellow Rail Prairie Parsley	Yes Yes	Following timing restrictions Following timing restrictions	Yes Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
20912	Cutting/Harvesting/Baling Canary Grass	8/4/2004	13	Yellow Rail Prairie Parsley	Yes Yes	Following timing restrictions Following timing restrictions	Yes Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
21211, 21212	Cutting/Harvesting/Baling Canary Grass	08/06/2004, 10/10/2004	15.422	Yellow Rail Prairie Parsley	Yes Yes	Following timing restrictions Following timing restrictions	Yes Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
22203	Cutting/Harvesting/Baling Canary Grass	7/14/2004	7	Yellow Rail Prairie Parsley	Yes Yes	Following timing restrictions Following timing restrictions	Yes Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
22204	Cutting/Harvesting/Baling Canary Grass	7/27/2004	4.87	Yellow Rail Prairie Parsley	Yes Yes	Following timing restrictions Following timing restrictions	Yes Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes		
<b>Chiwaukee Prairie SNA</b>									
T1NR23E Unit 1	Burn	Fall 2004	80	Red Tailed Leafhopper	Yes	Left 140 acres of reguia	No (2001)	TNC	Kenosha
				Silphium Borer Moth	Yes	Left 140 acres of reguia	No	TNC	Kenosha
				Agalinis skinneriana	unknown	unknown	No (2000)	TNC	Kenosha
				White fringed orchid	Yes	Followed timing restrictions	Yes	TNC	Kenosha
	Brushing	2004 - Brushing	100	Red Tailed Leafhopper	Yes	Left 140 acres of reguia	No	TNC	Kenosha

				Silphium Borer Moth	Yes	Left 140 acres of reguia	No	TNC	Kenosha
				Agalinis skinneriana	Yes	Followed timing restrictions for light and heavy equipment	No	TNC	Kenosha
				White fringed orchid	Yes	Followed timing restrictions for light and heavy equipment	Yes	TNC	Kenosha
	Mowing	Mowing - June & July of 2004	5	Red Tailed Leafhopper	Yes	Left 140 acres of reguia	No	TNC	Kenosha
				Silphium Borer Moth	Yes	Left 140 acres of reguia	No	TNC	Kenosha
				Agalinis skinneriana	Yes	Followed mowing guidelines in scattered locations.	No	TNC	Kenosha
				White fringed orchid	Yes	Followed mowing guidelines with light equipment in scattered locations.	Yes	TNC	Kenosha
<b>Empire Prairie SNA</b>									
<b>T8NR9E Westport Unit - Section 11</b>									
	Burn	3/29/2004	15	Hill's Thistle	Yes	Followed Timing Restrictions	No	M. Zine	Dane
				Prairie Bushclover	Yes	Followed Timing Restrictions	No	M. Zine	Dane
<b>T8NR8E Ziegler Unit -Section 27</b>									
	Burn	4/1/2004	6	Hill's Thistle	Yes	Followed Timing Restrictions	No	M. Zine	Dane
				Red-tailed Leafhopper	Yes	Species monitored by R. Henderson	No	M. Zine	Dane
<b>Havenwoods State Forest T8NR21E S26</b>									
<b>East Half of Property</b>									
	Mow	06/00/2004 to 08/00/2004	40	Butlers Gartersnake	No Record of Temp Records	Followed mowing guidelines	No	B. Mittermaier	Milwaukee
<b>Nike Site</b>									
	Burn	4/7/2004	1.8	Butlers Gartersnake	Yes	Temp. below 50 degrees. Less than 25% of habitat burned	Yes	B. Mittermaier	Milwaukee
<b>South Rond</b>									
	Burn	4/7/2004	4.6	Butlers Gartersnake	Yes	Temp. below 50 degrees. Less than 25% of habitat burned	Yes	B. Mittermaier	Milwaukee
<b>South and West of Education</b>									
	Burn	4/7/2004	4.6	Butlers Gartersnake	Yes	Temp. below 50 degrees. Less than 25% of habitat burned	Yes	B. Mittermaier	Milwaukee
	Burn	4/7/2004	4.3	Wild Quinine	Yes	Followed Timing Restrictions	No	B. Mittermaier	Milwaukee
<b>Hogback Prairies SNA T8NR4W, T9NR4W</b>									
<b>Unit 2,5</b>									
	Burn	5/3/2004	40	Bell's Vireo	Yes	Followed Timing Restrictions	Yes	TNC	Crawford
				Regal Fritillary	Yes	Avoided known locations	Yes	TNC	Crawford
				Net-veined Leafhopper	Yes	Followed "no monitoring" guidelines	No(2000)	TNC	Crawford
<b>Unit 2,7</b>									
	Burn/Brushcutting	Fall 2004 - Burn, Jan to April - Brush Cutting	40	Bell's Vireo	Yes	Followed Timing Restrictions and Guidelines for Burning and Brush Cutting	Yes	TNC	Crawford
				Regal Fritillary	No/Yes	Burned 50% of activity area. Will perform future monitoring to determine future impacts. Followed Brushing Guidelines	Yes	TNC	Crawford
				Net-veined Leafhopper	Yes	Followed Timing Restrictions/Conducted Surveys	No(2000)	TNC	Crawford
<b>Ipswich Prairie SNA</b>									
<b>T3NR1E Sec 36</b>									
	Burn	11/24/2004	10	Hills Thistle	Yes	Followed timing restrictions	No	M. Zine	Grant
				Wild Quinine	Yes	Followed timing restrictions	No	M. Zine	Grant
<b>Kettle Moraine State Forest</b>									
<b>Oak Opening SNA T4NR16E Sec 3,4</b>									
	Cut Brush	02/26, 09/08, 09/20 & 10/07/2004	120	Kitten Tails	Yes	Cut depauperate groundlayer/kittentails not present/workers familiar with plants/avoidance when necessary	Yes	M. Zine	Walworth
<b>Killsnake Wildlife Area T18NR20E T18NR21E T19NR20E</b>									
<b>20109</b>									
	Cutting/Harvesting/Baling Canary Grass	6/20/2004	10.507	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Manitowoc

20228	Cutting/Harvesting/Baling Canary Grass	9/3/2004	30.192	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Manitowoc
20229, 20234	Cutting/Harvesting/Baling Canary Grass	9/15/2004	81	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
20230	Cutting/Harvesting/Baling Canary Grass	9/23/2004	15.976	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
20233	Cutting/Harvesting/Baling Canary Grass	9/1/2004	23.038	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
20235	Cutting/Harvesting/Baling Canary Grass	8/15/2004	14	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
20237	Cutting/Harvesting/Baling Canary Grass	8/21/2004	20.728	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
20240, 20405	Cutting/Harvesting/Baling Canary Grass	9/20/2004	16	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
20241, 20242	Cutting/Harvesting/Baling Canary Grass	9/9/2004	31.736	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Manitowoc
20314	Cutting/Harvesting/Baling Canary Grass	9/22/2004	7.719	Prairie Parsley	Yes	Followed Timing Restrictions	Yes		
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes		
				Yellow Rail	Yes	Followed Timing Restrictions	Yes		
20403	Cutting/Harvesting/Baling Canary Grass	9/21/2004	9.385	Prairie Parsley	Yes	Followed Timing Restrictions	Yes		
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes		
				Yellow Rail	Yes	Followed Timing Restrictions	Yes		
20506, 20509, 20510, 20511, 20513	Cutting/Harvesting/Baling Canary Grass	5/4/2004	42.062	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Manitowoc
20508	Cutting/Harvesting/Baling Canary Grass	07/09/2004 08/30/2004 09/01/2004	11	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
20512	Cutting/Harvesting/Baling Canary Grass	7/4/2004	23.586	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
20514, 20515	Cutting/Harvesting/Baling Canary Grass	7/6/2004	22.994	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
21402	Cutting/Harvesting/Baling Canary Grass	07/26/2004 09/01/2004	26	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet

				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
<b>21409, 24009</b>	Cutting/Harvesting/Baling Canary Grass	7/30/2004	41.99	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
<b>21712</b>	Cutting/Harvesting/Baling Canary Grass	8/26/2004	8.062	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
<b>21713, 23010, 23011</b>	Cutting/Harvesting/Baling Canary Grass	8/10/2004	47	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
<b>21715</b>	Cutting/Harvesting/Baling Canary Grass	8/20/2004	18.261	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
<b>21804</b>	Cutting/Harvesting/Baling Canary Grass	10/6/2004	22.649	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
<b>21805</b>	Cutting/Harvesting/Baling Canary Grass	10/5/2004	24.723	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
<b>21806</b>	Cutting/Harvesting/Baling Canary Grass	10/7/2004	27	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
<b>21807</b>	Cutting/Harvesting/Baling Canary Grass	10/25/2004	29.88	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
<b>21808</b>	Cutting/Harvesting/Baling Canary Grass	11/5/2004	19.037	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
<b>22004</b>	Cutting/Harvesting/Baling Canary Grass	8/1/2004	7.26	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
<b>22006</b>	Cutting/Harvesting/Baling Canary Grass	07/01/2004 08/23/2004	5	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
<b>23805</b>	Cutting/Harvesting/Baling Canary Grass	07/08/2004 09/28/2004	13.387	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
<b>23807, 23808, 23809</b>	Cutting/Harvesting/Baling Canary Grass	8/31/2004	50.8	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
<b>23912</b>	Cutting/Harvesting/Baling Canary Grass	06/25/2004 06/25/2004	9.368	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet

				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
23913, 23915	Cutting/Harvesting/Baling Canary Grass	07/30/2004 08/25/2004	11	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
23916	Cutting/Harvesting/Baling Canary Grass	07/28/2004 09/01/2004	9.224	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
24007	Cutting/Harvesting/Baling Canary Grass	8/11/2004	18.188	Prairie Parsley	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Followed Timing Restrictions	Yes	D.Nikolai	Calumet
<b>Lima Marsh Wildlife Area</b>									
T4NR14E S19, 29	Burn	Spring 2004	unknown	Blanding's Turtle	Yes	Followed Protocols For Prescribed Burns	unknown	J. Meindel	Rock
<b>Lulu Lake SNA and Pickerel Lake/Mukwonago River</b>									
	Brush Cutting	Year Round	40	Blanding's Turtle	No	No Restrictions Using Hand Tools	No	TNC	Walworth
	Pickerel Burn	Spring 2004	100	Blanding's Turtle	Yes	Followed Timing Restrictions	No	TNC	Walworth
<b>Mirror Lake State Park</b>									
T12NR6E S6	Burn	Spring 2004 (Between 3/22/2004 & 4/15/2004)	186	Dwarf Huckleberry (May be found there)	Yes	Followed Timing Restrictions	No	P. Zajackowski	Sauk
<b>Muralt Bluff Prairie SNA</b>									
T3NR8E S25,36	Burn/Mow	3/22/2004	62	Hill's Thistle	Yes	Followed Timing Restrictions	No	M. Zine	Green
				Yellow Giant Hyssop	Yes	Followed Timing Restrictions	No	M. Zine	Green
				Kitten Tails	Yes	No restrictions	No	M. Zine	Green
				Regal Fritillary	Yes	Followed Timing and Area Restrictions	No	M. Zine	Green
				Silphium Borer Moth	Yes	Followed Timing and Area Restrictions	No	M. Zine	Green
<b>Muskego DOT T5NR20E S33</b>									
	Burn	04/16/2004 & 04/23/2004	47	Purple Milkweed	Yes	Followed Timing Restrictions	No	J. Herrmann	Waukesha
				Blanding's Turtle	Yes	Conducted survey prior to burn	Yes	J. Herrmann	Waukesha
<b>Olson Oak Woods SNA</b>									
T5NR8E S5,6, T6NR8E S31,32	Burn	4/29/2004	10	Purple Milkweed	Yes	Followed Timing Restrictions	No	M. Zine	Dane
<b>Page Creek Marsh SNA</b>									
Unit 6	Locust Contro	Fall 2004	20	Blanding's Turtle	Yes	No Restrictions On This Activity	No	TNC	Marquette
				W. Glass Lizard	Yes	No Restrictions On This Activity	No	TNC	Marquette
<b>Quincy Bluff SNA</b>									
Unit 7 & 8	Burn	Spring 2004	91	Wood Turtle	Yes	Followed "no monitoring" guidelines	No	TNC	Adams
<b>Red Cedar Lake SNA</b>									
T6NR13E Sec 17, 20	Herbicide/P.Loosestrife/ G. Mustard Control	8/6, 8/17/2004 - PL 11/11/2004 - GM	30	Kitten Tails	Yes	Followed Area Restrictions/plant recognition/avoidance of trampling & herbicide overspray	No	M. Zine	Jefferson
	Burn	4/27/2004	55		Yes	Avoidance/Followed Timing Restrictions	No	M. Zine	Jefferson
<b>Rock River SNA</b>									
T1N R12E Sec 2	Burn	4/19/2004	35	Hairy Wild Petunia	Yes	Followed Timing Restrictions	No	M. Zine	Rock
				Hill's Thistle	Yes	Followed Timing Restrictions	No	M. Zine	Rock
				Pale Purple Coneflower	Yes	Followed Timing Restrictions	No	M. Zine	Rock
				Roundfruit St. John 's-wort	Yes	Followed Timing Restrictions	No	M. Zine	Rock
				Prairie Bush Clover	Yes	Followed Timing Restrictions	No	M. Zine	Rock
				Yellow Giant Hyssop	Yes	Followed Timing Restrictions	No	M. Zine	Rock
<b>Rocky Run SNA</b>									

<b>T12NR10E Sec 32 Unit 8</b>	Burn	4/1/2004	54	Ornate Box Turtle	Yes	Consult Expert-Turtles Not Emerged Yet	No	M. Zine	Columbia
				W. Glass Lizard	Yes	Followed Timing Restrictions	No	M. Zine	Columbia
				Wooly Milkweed	Yes	Followed Timing Restrictions	No	M. Zine	Columbia
				Hill's Thistle	Yes	Followed Timing Restrictions	No	M. Zine	Columbia
				Brittle Pricklypear	Yes	Followed Timing Restrictions	No	M. Zine	Columbia
<b>Schluckebier Prairie SNA</b>									
	Tree/brush control	Winter 2004	7						
	Aspen control								
	Sumac control								
<b>Scuppernong Prairie SNA</b>									
<b>Sec. 17</b>	Cut	Winter 2004	40	Siliphium borer moth	Yes			R. Kurowski	Waukesha
	Burn	Winter 2004	300	Blanding's Turtle	Yes			R. Kurowski	Waukesha
<b>Sec. 3</b>	Cut	Winter 2004	125					R. Kurowski	Waukesha
								R. Kurowski	Waukesha
								R. Kurowski	Waukesha
								R. Kurowski	Waukesha
								R. Kurowski	Waukesha
								R. Kurowski	Waukesha
								R. Kurowski	Waukesha
								R. Kurowski	Waukesha
<b>Sharon Wildlife Area</b>									
<b>T1NR15E Sec 4, Units 3 &amp; 4</b>	Mow/Burn	4/7/2004	120	Purple Milkweed	Yes	Followed Timing Restrictions	No	J Herrmann	Walworth
<b>Snapper Prairie SNA</b>									
	Burn	4/10/2004	13	Prairie White Fringed Orchid	Yes	Followed Burn Restrictions	Yes	MAS	Jefferson
	Burn	5/16/2004	10		Yes	Followed Burn Restrictions	Yes	MAS	Jefferson
<b>Spring Green SNA</b>									
	Burn/Cedar/ Locust Control	Fall-Winter 2004	40	Henslow's Sparrow	Yes	Followed Timing Restrictions/Survey's	Yes	TNC	Sauk
				Ornate Box Turtle	Yes	Followed Timing Restrictions	No (2001)	TNC	Sauk
				Net-veined Leafhopper	Yes	Followed "no monitoring" guidelines	No (2000)	TNC	Sauk
<b>Storrs Lake Wildlife Area</b>									
<b>T4NR13E S24, 25 &amp; 26</b>	Burn	Spring 2004	unknown	Blanding's Turtle	Yes	Followed Protocols For Prescribed Burns	unknown	J. Meindel	Rock
<b>Thompson Prairie (private)</b>									
<b>Unit 5,6,15</b>	Burn	Spring 2004	50	Bell's Vireo	Yes	Followed Timing Restrictions	Yes	TNC	Dane/lowa
				Henslow's Sparrow	Yes	Followed Timing Restrictions	Yes	TNC	Dane/lowa
				Regal Fritillary	Yes	Followed Timing/Area Restrictions	Yes	TNC	Dane/lowa
	Brush Cutting	8/15/2003-5/15/2004	50	Bell's Vireo	Yes	Followed Timing Restrictions	Yes	TNC	Dane/lowa
				Henslow's Sparrow	Yes	Followed Timing Restrictions	Yes	TNC	Dane/lowa
				Red-tailed Leafhopper	Yes	No Restrictions On This Activity	No (2000)	TNC	Dane/lowa
				Regal Fritillary	Yes	No Restrictions On This Activity	Yes	TNC	Dane/lowa
	Parsnip Mowing	June-July 2004	30	Bell's Vireo	Yes	Followed Timing Restrictions	Yes	TNC	Dane/lowa
				Henslow's Sparrow	Yes	Followed Timing Restrictions	Yes	TNC	Dane/lowa
				Red-tailed Leafhopper	Yes	Left regugia for leafhoppers	No (2000)	TNC	Dane/lowa
				Regal Fritillary	Yes	Mowed less that 40% of Regal habitat	Yes	TNC	Dane/lowa
<b>Turtle Creek Wildlife Area</b>									
<b>T2NR14E S13,24,25</b>	Mow/Fire Breaks/Burn	04/02/2004 - Burn Fall/Winter - Mow	124	Purple Milkweed	Yes	Followed Timing Restrictions	No	J. Herrmann	Rock
				Kitten Tails	Yes	Followed Timing Restrictions	No	J. Herrmann	Rock
				Pale Purple Coneflower	Yes	Followed Timing Restrictions	No	J. Herrmann	Rock
				E. Massasaugua rattle snake	Yes	Followed Timing Restrictions for mowing/burning	No	J. Herrmann	Rock
<b>Turtle Valley Wildlife Area</b>									

<b>T3NR15E S14</b>	Mow/Fire Breaks/Burn	04/01/2004 - Burn Fall/Winter - Mow	35	Purple Milkweed	Yes	Followed Timing Restrictions	No	J. Herrmann	Walworth
				S. White Lady's-slipper	Yes	Followed Timing Restrictions	No	J. Herrmann	Walworth
				E. Massasauga rattle snake	Yes	Followed Timing Restrictions for mowing/burning	No	J. Herrmann	Walworth
<b>Waubesa Wetland SNA</b>									
<b>Unit 6</b>	Brush Cutting	2004	2	Blanding's Turtle	Yes	Followed Area Restrictions	No	TNC	Dane
	Parsnip & Clover Control	2004	unknown	Henslow's Sparrow	Yes	Followed Timing and Area Restrictions	No	TNC	Dane
<b>Willow River State Park</b>									
<b>Sections 5, 8</b>	Herbicide	Mid August 2002	20	Henslow's Sparrow	Yes	Followed Timing and Area Restrictions	Yes	K. Belling	St. Croix
<b>Young Prairie SNA</b>									
<b>T5NR16E S32, T4NR16E S5</b>	Brush Removal/Burn	Spring 2004 - Burn Brushing - Winter	40	possibly Prairie Milkweed	Yes	Followed Timing Restrictions	No	R. Kurowski	Jefferson/ Walworth
				possibly Kitten Tails	Yes	Followed Timing Restrictions?	No	R. Kurowski	Jefferson/ Walworth
				possibly Prairie Indian Plantain	Yes	Followed Timing Restrictions?	No	R. Kurowski	Jefferson/ Walworth
				possibly S. White Lady's Slipper	Yes	Followed Timing Restrictions?	No	R. Kurowski	Jefferson/ Walworth
				possibly Yellow Gentian	Yes	Followed Timing Restrictions?	No	R. Kurowski	Jefferson/ Walworth
				White Fringed Orchid	Yes	Followed Timing Restrictions	No	R. Kurowski	Jefferson/ Walworth
				possibly Henslow's Sparrow	Yes	Followed Timing Restrictions?	No	R. Kurowski	Jefferson/ Walworth
				possibly Blanding's Turtle	No	Presence unknown, unlikely to impact?	No	R. Kurowski	Jefferson/ Walworth
				Powesheik Skipperling	No	Avoided known locations/Consulted expert	No	R. Kurowski	Jefferson/ Walworth
				possibly Silphium Borer Moth	No	Avoided known locations?	No	R. Kurowski	Jefferson/ Walworth
<b>Zauner Prairie (private)</b>									
<b>T9NR9E Sec 28,29</b>	Mow/Burn	3/29/02 - Burn 7/15/2004 - Mow	Burn 59 Acres/Mow ~5 acres	Hill's Thistle	Yes	Followed Timing Restrictions/Mowed only 1x during season	No	M. Zine	Dane
				Rough Rattlesnake Root	Yes	Followed Timing Restrictions/Mowed only 1x during season	No	M. Zine	Dane
<b>2005</b>									
<b>Avoca Prairie SNA</b>									
<b>Section 6</b>	Burn/Herbicide	04/18/05 - Burn, 07/29/2005 - Herbicide	2	Blanding's Turtle	Yes	Burned when temp was >50 degrees/herbicide applied directly to target species	No	M. Zine	Iowa
				Prairie Indian Plantain	Yes	Followed Timing Restrictions/herbicide applied directly to target species	No	M. Zine	Iowa
<b>Barneveld Prairie SNA</b>									
<b>Unit 2 - Botham unit</b>	Burn/Brush Cutting	Spring 2005 - Burn Winter 2005 - Brush Cutting	100/40	Regal Fritillary	No /Yes	1. Difficult to separate burn unit into smaller area. 2. Regals found on adjacent properties. Followed brush/tree-cutting protocols	Yes	TNC	Iowa
				Henslow's Sparrow	Yes	Followed Timing Restrictions	Yes	TNC	Iowa
				Bell's Vireo	Yes	Followed Timing Restrictions	unknown	TNC	Iowa
				Loggerhead Shrike	Yes	Followed Timing Restrictions	Yes	TNC	Iowa

	Graze/Mowing	Year Round - Graze Summer - Mow	100/40	Regal Fritillary	Yes/Yes	Followed Timing Restrictions	Yes	TNC	Iowa
				Henslow's Sparrow	Yes	Followed Timing Restrictions	Yes	TNC	Iowa
				Bell's Vireo	Yes	Followed Timing Restrictions	unknown	TNC	Iowa
				Loggerhead Shrike	Yes	No Restrictions	Yes	TNC	Iowa
<b>Black Earth Prairie SNA</b>									
	unkown	2004	unkown	Round-stemmed False Foxglove	Yes	unkown (Managed by TPE)	No	TPE	Dane
<b>Blue River Bluffs SNA</b>									
<b>T8NR2W S10,15,16</b>									
	Burn/Cut Brush	4/21/05 - Burn, 1/25, 1/27, 2/10/2005 - Brush Cutting	160	Yellow Gentian	Yes	Followed Timing Restrictions/Cutting done when ground was frozen	No	M. Zine	Grant
				Pink Milkwort	Yes	Followed Timing Restrictions/Cutting done when ground was frozen	No	M. Zine	Grant
				Pale False Foxglove	Yes	Followed Timing Restrictions/Cutting done when ground was frozen	No	M. Zine	Grant
				Ornate Box Turtle	Yes	Followed Timing Restrictions/Cutting done when ground was frozen	No	M. Zine	Grant
<b>Bluff Creek Springs Fens &amp; Oak Woods SNA</b>									
<b>T4NR15E S23,24</b>									
	Brush Cutting	10/20, 12/14/2005	20	S. White Lady's Slipper	Yes	No Restrictions/Cutting done when ground was frozen	No	M. Zine	Walworth
				Kitten Tails	Yes	No Restrictions/Cutting done when ground was frozen	No	M. Zine	Walworth
				Round-seed Saint John's Wort	Yes	No Restrictions/Cutting done when ground was frozen	No	M. Zine	Walworth
				Purple Milkweed	Yes	No Restrictions/Cutting done when ground was frozen	No	M. Zine	Walworth
				Blanding's Turtle	Yes	No restrictions	No	M. Zine	Walworth
<b>Brillion Wildlife Area T19NR20E, T20NR20E</b>									
<b>20801</b>									
	Burn	5/23/2005	7.59	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
<b>20901, 20903, 20904</b>									
	Burn	4/25/2005	23	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
<b>20913, 20914, 20915, 20916, 20917</b>									
	Burn	4/15/2005	37.95	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
<b>23601, 23602, 23603</b>									
	Burn	4/25/2005	22.78	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
<b>23301</b>									
	Cutting/Harvesting/Baling Cool Season Grass Hay	06/01/2005, 07/01/2005, 08/02/2005	9	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
<b>20810, 20812</b>									
	Cutting/Harvesting/Baling Canary Grass	07/30/2005, 10/02/2005	67	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
<b>20912</b>									
	Cutting/Harvesting/Baling Canary Grass	8/4/2005	13	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet

21324	Cutting/Harvesting/Baling Canary Grass	07/30/2005, 10/01/2005	10.5	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet		
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet		
				Yellow Rail	Yes	Following timing restrictions	Yes				
22204	Cutting/Harvesting/Baling Canary Grass	06/11/2005, 10/10/2005	5	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet		
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet		
				Yellow Rail	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet		
22205	Cutting/Harvesting/Baling Canary Grass	8/10/2005	8.73	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet		
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet		
				Yellow Rail	Yes	Following timing restrictions	Yes				
22502	Cutting/Harvesting/Baling Canary Grass	8/4/2005	7.39	Prairie Parsley	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet		
				Yellow Gentian	Yes	Following timing restrictions	Yes	D. Nikolai	Calumet		
				Yellow Rail	Yes	Following timing restrictions	Yes				
<b>Castlemound SNA 20801</b>			91.094								
<b>Section 23,24,26</b>				Buckthorn Removal		Sand Violet	Yes	No Restrictions	No	C. Olson	Jackson
<b>Chiwaukee Prairie SNA</b>											
<b>Unit 2,5,6,7,8</b>											
	Burn/Herbaceous-hand tools or herbicide	Spring 2005 - Burn Spring/Summer 2005 - Herbaceous Management	25/5	Red Tailed Leafhopper	Yes	Burn left 200 acres of regua. Weed removal in very scattered locations	No (2001)	TNC	Kenosha		
				Silphium Borer Moth	Yes	Burn left 200 acres of regua. Weed removal in very scattered locations	No	TNC	Kenosha		
				Agalinis skinneriana	Yes	Burn left 200 acres of regua. Weed removal in very scattered locations	No	TNC	Kenosha		
				White Fringed Orchid	Yes	Burn left 200 acres of regua. Weed removal in very scattered locations	No (2001)	TNC	Kenosha		
	Brush Cutting - ASV/Hand Tools	Winter 2005 - ASV Fall/Winter 2005 Hand Tools	60/10	Red Tailed Leafhopper	Yes	No restrictions on use of hand tools. Heavy equipment used in winter months	No (2001)	TNC	Kenosha		
				Silphium Borer Moth	Yes	No restrictions on use of hand tools. Heavy equipment used in winter months	No	TNC	Kenosha		
				Agalinis skinneriana	Yes	Followed restrictions for brush cutting. Heavy equipment used in winter months	No	TNC	Kenosha		
				White Fringed Orchid	Yes	Followed restrictions for brush cutting. Heavy equipment used in winter months	No (2001)	TNC	Kenosha		
<b>Empire Prairie SNA</b>											
<b>T8NR9E Westport Unit - Section 11</b>											
	Burn/ Cut Brush/Herbicide	4/1/2005 - Burn 11/22/2005 - Cut 7/22/2005 - Herbicide	15	Hill's Thistle	Yes	Followed Timing Restrictions/cut where groundlayer absent/No E/T Species Present	No	M. Zine	Dane		
				Prairie Bushclover	Yes	Followed Timing RestrictionsCut where groundlayer absent	No	M. Zine	Dane		
<b>Ziegler Unit -Section 27</b>											
	Burn/Herbicide	4/1/2005 - Burn 8/9/2005 - Herbicide (2,4 D)	6	Hill's Thistle	Yes	Followed Timing Restrictions/No E/T Species Present	No	M. Zine	Dane		
				Red-tailed Leafhopper	Yes	Species monitored by R. Henderson	No	M. Zine	Dane		
<b>Havenwoods State Forest T8NR21E S26</b>											

Landfill	Burn	4/19/2005	23.1	Butlers Gartersnake	No (Secondary Habitat)	Temp. below 50 degrees. Greater than 25% of habitat burned. Necessary for long-term habitat recovery.	Yes	B. Mittermaier	Milwaukee
Wetland Detention Ponds	Burn	4/19/2004	2.9	Butlers Gartersnake	Yes	Temp. below 50 degrees. Less than 25% of habitat burned	Yes	B. Mittermaier	Milwaukee
<b>Hogback Prairies SNA</b>									
Unit 6	Burn/Prairie Planting	Spring 2005	15	Bell's Vireo	Yes	Followed Timing Restrictions	No	TNC	Crawford
				Regal Fritillary	Yes	Burn planting w/o regals present	Yes	TNC	Crawford
				Net-veined Leafhopper	Yes	Followed "no monitoring" guidelines	No	TNC	Crawford
	Cedar Cutting	Winter 2005	20	Bell's Vireo	Yes	Followed Timing Restrictions	No	TNC	Crawford
				Regal Fritillary		Followed "Selective Tree/Brush Cutting" guidelines	Yes	TNC	Crawford
				Net-veined Leafhopper	Yes	Followed "Selective Tree/Brush Cutting" guidelines	No	TNC	Crawford
<b>Jackson Marsh Wildlife Area T10NR20E</b>									
Units 1-4 (S. 8,9,10,16)	Mow	07/12/2005, 11/02/2005	254	Butlers Gartersnake	Yes	Followed mowing guidelines	No	T. Isaac	Washington
Unit 6 (S. 14)	Mow	11/10/2005	5	Butlers Gartersnake	Yes	Followed mowing guidelines	No	T. Isaac	Washington
<b>Kessler Railroad Prairie SNA</b>									
T2NR11E S24	Burn	11/2/2005	4	Prairie Milkweed	Yes	Followed timing restrictions	No	M. Zine	Rock
				Prairie Indian Plantain	Yes	Followed timing restrictions	No	M. Zine	Rock
				S. White Lady's Slipper	Yes	Followed timing restrictions	No	M. Zine	Rock
<b>Kettle Moraine State Forest</b>									
Oak Opening SNA, T4NR16E (S. 3,4)	Burn/ Cut Brush	01/04, 09/26, 09/30/2005 - Brush, 11/10/2005 - Burn	120	Kitten Tails	Yes	Burn not restricted/cut depauperate groundlayer	Yes	M. Zine	Walworth
Young/Bluff: T4NR16E S5 Units 1	Firebreaks/Burn	Fall/Winter 2005 - Mow, 04/18/2005 - Burn	118	Red-tailed Leafhopper	Yes	Avoidance-Barriers/Consulted Expert	No	J. Herrmann	Walworth
				Silphium Borer Moth	Yes	Avoidance-Barriers/Consulted Expert	No	J. Herrmann	Walworth
				Purple Milkweed	Yes	Followed Timing Restrictions	No	J. Herrmann	Walworth
				Prairie Milkweed	Yes	Followed Timing Restrictions	No	J. Herrmann	Walworth
				Prairie Indian Plantain	Yes	Followed Timing Restrictions	No	J. Herrmann	Walworth
				S. White Lady's Slipper	Yes	Followed Timing Restrictions	No	J. Herrmann	Walworth
				Prairie White Fringed Orchid	Yes	Followed Timing Restrictions	No	J. Herrmann	Walworth
				Kitten Tails	Yes	Followed Timing Restrictions	No	J. Herrmann	Walworth
<b>Killsnake Wildlife Area T18NR20E T18NR21E T19NR20E</b>									
20233	Cutting/Harvesting/Baling Canary Grass	07/05/2005, 10/01/2005	23.038	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
20236	Cutting/Harvesting/Baling Canary Grass	07/30/2005, 09/17/2005	19.747	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
20237	Cutting/Harvesting/Baling Canary Grass	06/07/2005, 10/01/2005	20.728	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
20238	Cutting/Harvesting/Baling Canary Grass	07/30/2005, 09/15/2005	19.173	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet

20239, 24205	Cutting/Harvesting/Baling Canary Grass	07/01/2005, 09/15/2005	28.614	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
20241	Cutting/Harvesting/Baling Canary Grass	06/15/2005, 10/01/2005	10.553	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
20242	Cutting/Harvesting/Baling Canary Grass	06/29/2005, 10/21/2005	21.183	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
20244	Cutting/Harvesting/Baling Canary Grass	07/15/2005, 10/01/2005	15.061	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
20518, 20519, 20520	Cutting/Harvesting/Baling Canary Grass	07/27/2005, 10/20/2005	47.269	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
21402	Cutting/Harvesting/Baling Canary Grass	07/27/2005, 09/28/2005	25.703	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
21407	Cutting/Harvesting/Baling Canary Grass	06/12/2005, 09/20/2005	6.073	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
21409	Cutting/Harvesting/Baling Canary Grass	06/24/2005, 09/10/2005	28	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
21712	Cutting/Harvesting/Baling Canary Grass	07/28/2005, 08/27/2005	8.062	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
21715	Cutting/Harvesting/Baling Canary Grass	07/10/2005, 10/10/2005	18.261	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
21717	Cutting/Harvesting/Baling Canary Grass	07/18/2005, 10/03/2005	16.175	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
21804	Cutting/Harvesting/Baling Canary Grass	8/20/2005	22.649	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
21805	Cutting/Harvesting/Baling Canary Grass	07/04/2005, 09/17/2005	24.723	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
22606	Cutting/Harvesting/Baling Canary Grass	07/20/2005, 10/01/2005	22.881	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet

				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
22607	Cutting/Harvesting/Baling Canary Grass	10/20/2005	32.216	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
22901	Cutting/Harvesting/Baling Canary Grass	05/29/2005, 09/01/2005	4.379	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
22903	Cutting/Harvesting/Baling Canary Grass	06/15/2005, 09/01/2005	24.78	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
23010	Cutting/Harvesting/Baling Canary Grass	07/27/2005, 10/12/2005	20.506	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
23011	Cutting/Harvesting/Baling Canary Grass	06/07/2005, 09/01/2005	13.325	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
23016	Cutting/Harvesting/Baling Canary Grass	08/20/2005, 10/20/2005	14.816	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
23017	Cutting/Harvesting/Baling Canary Grass	07/17/2005, 10/20/2005	10.834	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
23805	Cutting/Harvesting/Baling Canary Grass	6/28/2005	13.387	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
23901, 23913	Cutting/Harvesting/Baling Canary Grass	06/30/2005, 08/15/2005	9.069	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
23906	Cutting/Harvesting/Baling Canary Grass	07/26/2005, 08/15/2005	1.54	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
23911	Cutting/Harvesting/Baling Canary Grass	07/15/2005, 08/20/2005	2.612	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
23912	Cutting/Harvesting/Baling Canary Grass	07/26/2005, 08/20/2005	9.368	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
23914	Cutting/Harvesting/Baling Canary Grass	8/29/2005	1.402	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc

23915	Cutting/Harvesting/Baling Canary Grass	06/10/2005, 07/15/2005, 08/20/2005	3.124	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
23916	Cutting/Harvesting/Baling Canary Grass	07/26/2005, 08/20/2005	9.224	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
24007	Cutting/Harvesting/Baling Canary Grass	06/21/2005, 09/01/2005	18.188	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
24008	Cutting/Harvesting/Baling Canary Grass	8/20/2005	18.621	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
24009	Cutting/Harvesting/Baling Canary Grass	06/30/2005, 09/10/2005	13.992	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Calumet
24211	Cutting/Harvesting/Baling Canary Grass	07/05/2005, 09/25/2005	29.795	Prairie Parsley	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Gentian	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
				Yellow Rail	Yes	Following timing restrictions	Yes	D.Nikolai	Manitowoc
<b>Lulu Lake and Pickerel Lake/Mukwonago River SNA</b>									
	Brush Removal/ ASV Brush Cutting	Year-Round/Winter 2005	40	Blanding's Turtle	Yes	No restrictions using hand tools. ASV brush cutting followed seasonal restrictions	No	TNC	Walworth
	Herbaceous Pulling/Cutting/Spraying	Spring/Summer 2005	100	Blanding's Turtle	Yes	Spray garlic mustard in upland areas.	No	TNC	Walworth
<b>Lulu Lake/Mukwonago River SNA</b>									
T4NR17E S3	Burn/Tree & Brush Removal/Herbicide stumps	11/10/2005	100	Kitten Tails	Yes	No restrictions/Cutting done when ground was frozen. Recognition & avoidance	No	M. Zine	Walworth
				Swamp Metalmark	Yes	Not seen since late 1970's	Not since 1990's	M. Zine	Walworth
		4/1/2005		Blanding's Turtle	Yes	Shoreline surveys done before burn	No	M. Zine	Walworth
<b>Mirror Lake State Park</b>									
Section 31	Burn	4/8/2005	6	Slender glass lizard	Yes	Followed Timing Restrictions	No	P. Zajackowski	Sauk
<b>Muralt Bluff Prairie SNA T3NR8E</b>									
Sections 25,36	Burn/Mow	4/15/2005	62	Hill's Thistle	Yes	Followed Timing Restrictions	No	M. Zine	Green
				Yellow Giant Hyssop	Yes	Followed Timing Restrictions	No	M. Zine	Green
				Kitten Tails	Yes	No restrictions	No	M. Zine	Green
				Regal Fritillary	Yes	Followed Timing and Area Restrictions	No	M. Zine	Green
				Silphium Borer Moth	Yes	Followed Timing and Area Restrictions	No	M. Zine	Green
Sections 25,36	Foliar Sprayed Brush	8/4/2005	62	Hill's Thistle	Yes	No Restrictions on Selective Herbicide Use	No	M. Zine	Green
				Yellow Giant Hyssop	Yes	No Restrictions on Selective Herbicide Use	No	M. Zine	Green
				Kitten Tails	Yes	No Restrictions on Selective Herbicide Use	No	M. Zine	Green
				Regal Fritillary	Yes	No Restrictions on Selective Herbicide Use	No	M. Zine	Green

				Silphium Borer Moth	Yes	No Restrictions on Selective Herbicide Use	No	M. Zine	Green
<b>Olson Oak Woods SNA</b>									
<b>T5NR8E S5,6, T6NR8E S31, 32</b>	Burn	4/19/2005	10	Purple Milkweed	Yes	Followed Timing Restrictions	No	M. Zine	Dane
<b>Page Creek Marsh SNA</b>									
<b>Unit A,B,C</b>	Burn	4/3/2005	40	Blanding's Turtle	Yes	No Blanding's turtles adjacent to wetlands	No	TNC	Marquette
				W. Glass Lizard	Yes	Followed Timing Restrictions	No	TNC	Marquette
	Cut Brush	Winter 2005	3	Blanding's Turtle	Yes	No wetlands included in burn	No	TNC	Marquette
				W. Glass Lizard	Yes	Followed Timing Restrictions	No	TNC	Marquette
<b>Private Land Management - Kamps</b>									
<b>T6NR19E Sec 22 Genesee Mill Site</b>	Burn	4/28/2005	1	Kitten Tails	Yes	Followed Timing Restrictions	No	J. Herrmann	Marquette
				S. White Lady's Slipper	Yes	Followed Timing Restrictions	No	J. Herrmann	Marquette
				Silphium Borer Moth	Yes	Not suitable habitat for Silphium Borer Moth	No	J. Herrmann	Marquette
				Butler's Gartersnake	unknown	Area not within Tier 3 site.	No	J. Herrmann	Marquette
<b>Quincy Bluff SNA</b>									
<b>Unit 9,10,11</b>	Burn	Spring 2005	91	Wood Turtle	Yes	Followed Timing Restrictions	No	TNC	Adams
				Karner Blue	unknown	Burned less than 10% of Lupine habitat.	No	TNC	Adams
<b>Red Cedar Lake SNA</b>									
<b>T6NR13E Sec 17,20</b>	Herbicide/P.Loosestrife/ G. Mustard Control	7/19, 8/1/2005 - PL 5/20/2005 - GM	55	Kitten Tails	Yes	Followed Area Restrictions/plant recognition/avoidance of trampling & herbicide overspray	No	M. Zine	Jefferson
<b>Rock River SNA</b>									
<b>T1NR12E Sec 2</b>	Burn/Cut Brush/Herbicide	11/2/05 - Burn 11/23/05 - Cut 6/30/05 - Herbicide	35	Hairy Wild Petunia	Yes	Followed Timing Restrictions/cut in low quality areas/mowed 1x during season	No	M. Zine	Rock
				Hill's Thistle	Yes	Followed Timing Restrictions/cut in low quality areas/mowed 1x during season	No	M. Zine	Rock
				Pale Purple Coneflower	Yes	Followed Timing Restrictions/cut in low quality areas/mowed 1x during season	No	M. Zine	Rock
				Roundfruit St. John 's-wort	Yes	Followed Timing Restrictions/cut in low quality areas/mowed 1x during season	No	M. Zine	Rock
				Prairie Bush Clover	Yes	Followed Timing Restrictions/cut in low quality areas/mowed 1x during season	No	M. Zine	Rock
				Yellow Giant Hyssop	Yes	Followed Timing Restrictions/cut in low quality areas/mowed 1x during season	No	M. Zine	Rock
<b>Rocky Run SNA T12NR10E</b>									
<b>Sec 32 Unit 8</b>	Cut/Herbicide/ Burn	4/7, 11/11/2005 - Burn	54	Ornate Box Turtle	Yes	Consult Expert-Turtles Not Emerged Yet/Herbicide applied to stumps/bark only	No	M. Zine	Columbia
		9/14-16, 9/23, 10/7/2005 - Cut/Herbicide (Garlon 4)		W. Glass Lizard	Yes	Followed Timing Restrictions/Herbicide applied to stumps/bark only	No	M. Zine	Columbia
				Woolly Milkweed	Yes	Followed Timing Restrictions/Herbicide applied to stumps/bark only	No	M. Zine	Columbia
				Hill's Thistle	Yes	Followed Timing Restrictions/Herbicide applied to stumps/bark only	No	M. Zine	Columbia

				Brittle Pricklypear	Yes	Followed Timing Restrictions/Herbicide applied to stumps/bark only	No	M. Zine	Columbia
<b>Sand Prairie SNA T8N R2E S11</b>	Burn	4/8/2005	150	Blanding's Turtle	Yes	Followed burn guidelines	Yes	M. Zine	Richland
<b>Schluckebier Prairie SNA</b>									
	Sweet Clover Removal	7/9/2005	8	Red Tailed Leafhopper	Yes	? (Managed by TPE)	No (2000)	TPE	Sauk
	Buckthorn/Oak tree removal	11/9/2005	3	Prairie Bushclover	Yes	? (Managed by TPE)	No (2004)	TPE	Sauk
	Mow/firebreaks	11/13/2005	17		Yes	Followed mowing restrictions			
	Cutting	11/14/2005	8						
	Cutting	12/8/2005	8						
<b>Scuppernong Prairie SNA T5NR17E S3,4 T6NR17E S33,34</b>	Firebreaks/Burns	Fall/Winter 2005 - Mowing 04/14/2005 - Burn	350	Blanding's Turtle	Yes ?	Walked Burn Unit Looking For Turtles/Survey's/Consulted Expert	Yes	J. Herrmann	Waukesha
<b>Unit 9</b>				S. White Lady's Slipper	Yes	Followed Timing Restrictions	No	J. Herrmann	Waukesha
<b>Sharon Wildlife Area T1NR15E S11</b>	Mow/Burn	4/25/2005	18	Purple Milkweed	Yes	Followed Timing Restrictions	No	J Herrmann	Walworth
<b>Smith Slough and Sand Pririe SNA T8NR2E Sec 11</b>	Burn	4/8/2005	150	Blanding's Turtle	Yes	Area Checked For Presence of Turtles	Yes	M. Zine	Richland
<b>Snapper Prairie SNA</b>	Burn	4/18/2004	20		Yes	Followed Burn Restrictions	Yes	MAS	Jefferson
<b>Spring Green SNA Unit 1,2,3</b>	Burn /Tree Cutting	Fall 2005 - Burn Fall/Winter 2005 - Cutting	15	Henslow's Sparrow	Yes	Followed Timing Restrictions for burn. Cutting limited to small areas and hand tools	No (not found since 2000)	TNC	Sauk
				Ornate Box Turtle	Yes	Followed Timing Restrictions for burn? Cutting limited to small areas and hand tools.	No (2001)	TN C	Sauk
				Net-veined Leafhopper	Yes	Did not burn leafhopper habitat. Cutting limited to small areas and hand tools	No (2000)	TNC	Sauk
<b>Thompson Prairie (private) Unit 3,4</b>	Burn/Brush Cutting	Spring 2005	15	Bell's Vireo	Yes	Followed Timing Restrictions	Yes	TNC	Dane/Iowa
				Red-tailed Leafhopper	Yes	Followed Burning and Brush Cutting protocol?	No (2000)	TNC	Dane/Iowa
				Loggerhead Shrike	Yes	Followed Timing Restrictions	Yes	TNC	Dane/Iowa
				Henslow's Sparrow	Yes	Followed Timing Restrictions	Yes	TNC	Dane/Iowa
				Regal Fritillary	Yes	Followed Timing and Area Restrictions/Consulted Experts/Survey's	Yes	TNC	Dane/Iowa
<b>Troy Wildlife Area T3N R17E S7 Unit 7</b>	Firebreaks/Burns	4/25/2005	12	Yellow Giant Hyssop	Yes	Followed Timing Restrictions	No	J. Herrmann	Walworth
				Kitten Tails	Yes	Followed Timing Restrictions	No	J. Herrmann	Walworth
				Small White Lady's-slipper	Yes	Followed Timing Restrictions	No	J. Herrmann	Walworth
<b>Turtle Creek Wildlife Area - Walworth T2NR15E S13,15,17,18 Units 1,2 and 4</b>	Mow/Fire Breaks/Burn	04/08/2005 - Burn Fall/Winter - Mow	53.6	Purple Milkweed	Yes	Followed Timing Restrictions	No	J. Herrmann	Walworth
				Kitten Tails	Yes	Followed Timing Restrictions	No	J. Herrmann	Walworth
				Pale Purple Coneflower	Yes	Followed Timing Restrictions	No	J. Herrmann	Walworth
				Blanding's Turtle	Yes?	Followed Timing Restrictions for mowing/burning ?	No?	J. Herrmann	Walworth

				E. Massasaugua rattle snake	No	Followed Timing Restrictions for mowing/burning	No	J. Herrmann	Walworth
<b>Turtle Creek Wildlife Area - Rock</b>									
<b>T2NR14E S25 Units 2</b>	Mow/Fire Breaks/Burn	04/26/2005 - Burn Fall/Winter - Mow	7	Purple Milkweed	Yes	Followed Timing Restrictions	No	J. Herrmann	Rock
				Kitten Tails	Yes	Followed Timing Restrictions	No	J. Herrmann	Rock
				Pale Purple Coneflower	Yes	Followed Timing Restrictions	No	J. Herrmann	Rock
				Rough Rattlesnake-root	Yes	Followed Timing Restrictions	No	J. Herrmann	Rock
			0	E. Massasaugua rattle snake	Yes	Followed Timing Restrictions for mowing/burning	No	J. Herrmann	Rock
<b>Vernon Marsh Wildlife Area</b>									
<b>T5NR18E S7 Frog Alley Unit 4</b>	Burn/Mow	04/28/2005 - Burn Fall/Winter - Mow	12	S. White Lady's Slipper	Yes	Followed Timing Restrictions	No	J. Herrmann	Waukesha
<b>Northern Units 1-3</b>	Burn/Mow		144	Rough Rattlesnake-root	Yes	Followed Timing Restrictions/Mowing done late fall when plants are not flowering	No	J. Weber	Waukesha
				Butler's Garter Snake	No	Project area located outside the pure-bred Butlers Garter Snake area	No	J. Herrmann	Waukesha
<b>Waubesa Wetland SNA</b>									
<b>Sections 7,18</b>	Brush/Tree Removal	Winter 2005	2	Blanding's Turtle	Yes	Followed Area Restrictions	No	TNC	Dane
	Herbaceous - had tools	Summer 2005	unknown		Yes	Burned when temp was >50 degrees	No	M. Zine	Dane
<b>Zauner Prairie (private)</b>									
<b>T9NR9E Sec 28,29</b>	Burn	3/29/05 - Burn	59	Hill's Thistle	Yes	Followed Timing Restrictions	No	M. Zine	Dane
				Rough Rattlesnake Root	Yes	Followed Timing Restrictions	No	M. Zine	Dane