

SOUTH DAKOTA STATEWIDE HERPETOLOGY SURVEY 2004

SOUTH DAKOTA DEPARTMENT OF GAME, FISH AND PARKS



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Cover Photo: Plains Garter Snake, photo by Doug Backlund

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INTRODUCTION

Most of what is known about the status and distribution of the forty-seven species of amphibians and reptiles (Table 1) in South Dakota is based on old specimen records. Timken (1975) focused research on turtles in the Missouri River and summarized turtle distributions statewide. Bandas (2003) completed a similar study and provided updated information on some turtle species. Peterson (1974) provided a comprehensive thesis on Black Hills herps. Additional recent work on herps in South Dakota includes calling surveys for anurans in eastern South Dakota (Fisher, 1998) and several surveys funded by the South Dakota Wildlife Diversity Small Grants Program (Fogell, D. 2002; Hays, T.M. and N. J. Hays. 1999; Hibma, J.A. and J. C. Hibma. 2001; Jessen. T. 2002; Olson, R.D. 2001; Wilmot, 2001).

The objective of this project was to survey ten priority habitats for all species of reptiles and amphibians to determine if species that were thought to be common were still common and to determine the status of species that are thought to be rare or are listed as species of greatest conservation concern List in the South Dakota Comprehensive Wildlife Conservation Plan (Table 2). Ten priority areas were selected that would include all of the species defined above. Turtles were not a priority group since a statewide survey for turtle had just been completed (Bandas, 2003) but field biologists did report many turtle records incidental to the other herpetology surveys.

The Priority Survey Areas were:

1. Sand dune and wetland habitats in Gregory, Tripp, Todd, Bennett and Shannon counties
2. Sagebrush habitats in western South Dakota, Fall River, Butte, and Harding counties
3. Black Hills
4. Prairie coteau and northeast South Dakota wetlands and streams
5. Wetland habitats along the Missouri River
6. River systems of eastern South Dakota including the James, Vermillion and Big Sioux rivers
7. River systems in western South Dakota including the Cheyenne, Moreau, Grand, White and Keya Paha rivers
8. Buffalo Gap National Grassland; Grand River National Grassland; Fort Pierre National Grassland
9. Custer National Forest in Harding County and sand dune habitats in Harding and Perkins counties
10. Seasonal and temporary natural wetland basins (playas) in western South Dakota

Table 1. Amphibians and Reptiles Known to Occur in South Dakota * denotes species tracked by the South Dakota Natural Heritage Program.

<u>Species</u>	<u>Scientific Name</u>
Great Plains Toad	<i>Bufo cognatus</i>
American Toad	<i>Bufo americanus</i>
Woodhouse's Toad	<i>Bufo woodhousii</i>
Canadian Toad	<i>Bufo hemiophrys</i>
Plains Spadefoot	<i>Spea bombifrons</i>
Wood Frog*	<i>Rana sylvatica</i>
Western Chorus Frog	<i>Pseudacris triseriata</i>
Cope's Gray Tree Frog*	<i>Hyla chrysoscelis</i>
Northern Cricket Frog*	<i>Acris crepitans</i>
Northern Leopard Frog	<i>Rana pipiens</i>
Plains Leopard Frog*	<i>Rana blairi</i>
Bullfrog	<i>Rana catesbeiana</i>
Tiger Salamander	<i>Ambystoma tigrinum</i>
Mudpuppy*	<i>Necturus maculosus</i>

Smooth Softshell*	<i>Apalone mutica</i>
Spiny Softshell*	<i>Apalone spinifera</i>
Blanding's Turtle*	<i>Emydoidea blandingii</i>
False-map Turtle*	<i>Graptemys pseudogeographica</i>
Western Painted Turtle	<i>Chrysemys picta</i>
Snapping Turtle	<i>Chelydra serpentina</i>
Ornate Box Turtle*	<i>Terrepene ornata</i>
Six-lined Racerunner*	<i>Cnemidophorus sexlineatus</i>
Northern Prairie Lizard*	<i>Sceloporus undulatus</i>
Short-horned Lizard*	<i>Phrynosoma hernandesi</i>
Northern Prairie Skink	<i>Eumeces septentrionalis</i>
Many-lined Skink*	<i>Eumeces multivirgatus</i>
Five-lined Skink*	<i>Eumeces fasciatus</i>
Sagebrush Lizard*	<i>Sceloporus graciosus</i>
Eastern Yellow-belly Racer	<i>Coluber constrictor</i>
Ringneck Snake*	<i>Diadophis punctatus</i>
Lined Snake*	<i>Tropidoclonion lineatum</i>
Fox Snake*	<i>Elaphe vulpina</i>
Northern Redbelly Snake*	<i>Storeria occipitomaculata occipitomaculata</i>
Black Hills Redbelly Snake*	<i>Storeria occipitomaculata pahasapa</i>
Brown Snake*	<i>Storeria dekayi</i>
Northern Water Snake*	<i>Nerodia sipedon</i>
Western Hognose Snake	<i>Heterodon nasicus</i>
Western Rattlesnake	<i>Crotalis viridus</i>
Plains Garter Snake	<i>Thamnophis radix</i>
Common (Eastern) Garter Snake	<i>Thamnophis sirtalis</i>
Gopher Snake (Bull Snake)	<i>Pituophis catenifer</i>
Smooth Green Snake*	<i>Liochlorophis vernalis</i>
Milk Snake	<i>Lampropeltis triangulum</i>
Western Terrestrial Garter Snake	<i>Thamnophis elegans</i>
Eastern Hognose Snake*	<i>Heterodon platirhinos</i>
Lesser Earless Lizard*	<i>Holbrookia maculata</i>
Eastern Gray Treefrog*	<i>Hyla versicolor</i>

Table 2. REPTILES AND AMPHIBIANS on the Species of Greatest Conservation Concern List in the South Dakota Comprehensive Wildlife Conservation Plan. See Appendix 1 for definitions of state threatened or endangered status codes and global and state ranks. There are no federally listed amphibians or reptiles in South Dakota.

Blanding's Turtle SE G4 S1	Smooth Softshell G5 S2
False Map Turtle ST G5 S3	Western Box Turtle G5 S2
Lined Snake SE G5 S1	Lesser Earless Lizard G5 S2
Eastern Hognose Snake ST G5 S2	Northern Cricket Frog G5 S1
Black Hills Redbelly Snake G5T3 S3	Many-lined Skink G5 S1
Cope's Gray Treefrog G5 S2	Short-horned Lizard G5 S2

METHODS

Ten herpetologists and field biologists were contracted to conduct the surveys (see Appendix II). Qualifications of the biologists ranged from amateur herpetologists with extensive field experience in the Northern Great Plains to Ph.D. herpetologists. Ten priority areas were selected to inventory habitats most likely to be important for amphibian and reptile populations. The biologists were assigned to Priority Survey Areas and instructed to use four standard survey methods: Road Cruising, Timed Visual Encounter, Site Anuran Calling and Route Anuran Calling (see Appendix III). In addition to conducting these standard surveys, the biologists were instructed to search for species of concern using whatever methods seemed appropriate for the circumstances. As this is the first statewide inventory ever conducted, random or stratified survey sites were not designated. Many species of reptiles and amphibians are difficult to detect. In addition, weather and local conditions vary too much to predict when and where certain species should be searched

for. It was felt that giving the biologists freedom to survey when and where they felt would be the most productive would produce the best results. Biologists also kept a daily field journal of activities.

RESULTS

The biologists reported 1,773 records of amphibians and reptiles that could be entered in a database with coordinates and additional data. See Appendix IV. Results are reported for each species the species accounts.

PLANNING AHEAD

The data gathered during this project is a big step in the direction of developing and implementing a monitoring plan for reptiles and amphibians in South Dakota. There are still data gaps that need to be filled. The status of the Canadian Toad, Tiger Salamander, Ornate Box Turtle, Lesser Earless Lizard, Short-horned Lizard, and possibly the Western Hognose Snake are uncertain. A monitoring plan for the Species of Greatest Conservation Concern should be developed. Monitoring of common species can be accomplished while monitoring the Species of Greatest Conservation Concern.



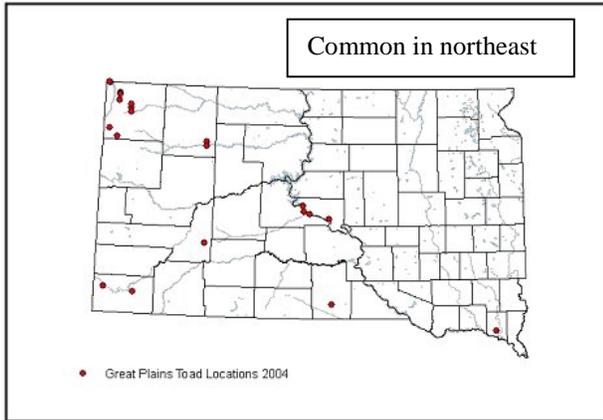
**Northern Leopard Frog with feeding mosquitoes.
Farm Island, Hughes County, SD.**

Photo by Doug Backlund

SPECIES ACCOUNTS

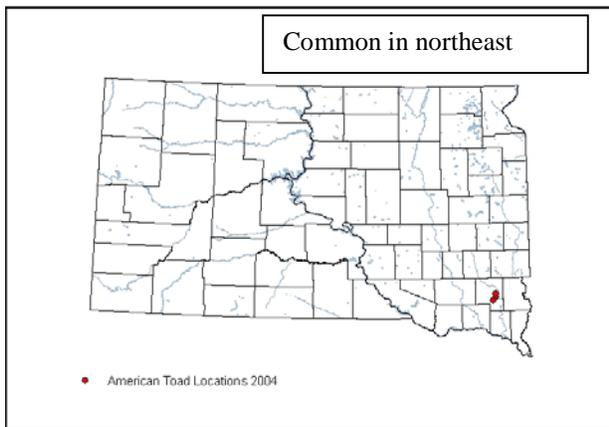
AMPHIBIANS

Great Plains Toad *Bufo cognatus*



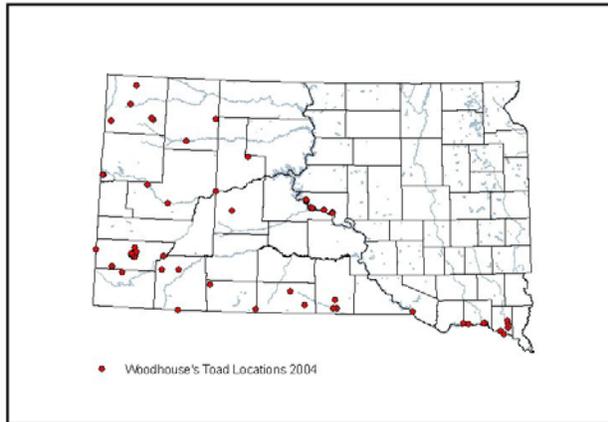
Results for this species varied. In the Prairie Coteau and northeast South Dakota wetlands and streams, Jessen reported this species as very common, to the point that it was impractical to record every occurrence. Elsewhere in South Dakota, it was reported sparingly. The results may be due to the extended drought in western South Dakota. This species is an explosive breeder and can be easily overlooked if conditions are not good. Certainly more inventory work is needed to determine the status of this supposedly common species. Distribution is probably statewide, based on specimen records (Ballinger et al., 2000).

American Toad *Bufo americanus*



This species was reported by Jessen to be abundant in the Prairie Coteau and northeast South Dakota wetlands and streams. Outside of that region, this species was only reported at three sites, in Turner County in southeast South Dakota. Gumbert and Dourson felt that this species was just beginning the breeding season when they surveyed late April, but they also reported it was less common than other anurans in southeast South Dakota. American toads were not reported elsewhere.

Woodhouse's Toad *Bufo woodhousii*



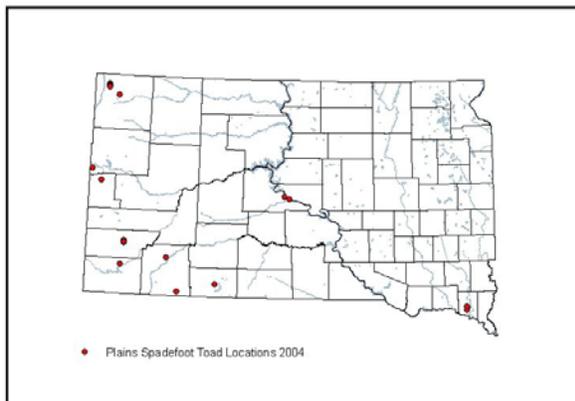
Woodhouse's toad was commonly found in western South Dakota and reported from the southeast. The species apparently is absent from the northeast. Nine-two locations were entered in the database. Fifty of the database records are quantifiable calling surveys, road cruising survey, or visual encounter surveys. All older specimen records are from the southern half of the state (Ballinger et al., 2000). Fishbeck and Underhill (1959) stated this species was common in the west and southeastern South Dakota.

Canadian Toad *Bufo hemiophrys*

This species was not reported. Fishbeck and Underhill (1959) reported *Bufo hemiophrys* as common in the lake region of northeastern South Dakota. Fisher (1998) reported this species in 17 counties in eastern South Dakota. Timing of surveys may be important to detecting this species. Jessen reported finding them common in northeast South Dakota in 2005 and speculated that he missed this species in 2004 due to timing of the surveys.

Plains Spadefoot *Spea bombifrons*

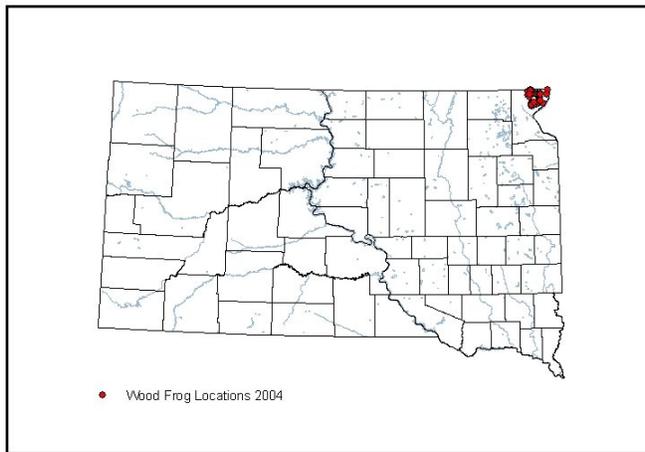
This species was reported sparingly across the state. This species, like the Great Plains Toad, is an explosive breeder and is difficult to detect except after heavy rains. Gumbert and Dourson found the species at only one site in southeast



South Dakota, near a creek in Clay County. Jessen found no spadefoots in eastern South Dakota. Kiesow reported two sites in central South Dakota, both from Missouri River bottomlands. Platt recorded four locations for this species. He recorded two choruses after heavy rains in Shannon County. The species was recorded in Harding, Butte, and Lawrence counties in western South Dakota by Fogell and Smith. It is probably more common than records indicate. Eleven sites were located using the anuran calling survey. These sites can be used for future monitoring. Nine additional sites were found during road cruising surveys or by incidental means. These sites can be investigated further for possible monitoring sites. Based on historic and recent records, the distribution of this species is unchanged.

Wood Frog *Rana sylvatica*

The Wood Frog has long been an enigma in South Dakota. Wood Frogs have been monitored as a rare species by the South Dakota Natural Heritage Program since its inception. Two old specimen records from Day and Roberts counties (Ballinger, et al., 2000) and a report from the 1920's stating that Wood Frogs were common in the forested coulees of Roberts County (Over, 1923) were the only data that existed on this species until 1997. Based on these reports Wood Frogs are thought to have been common the coulees and wetlands of northeast South Dakota prior to the drought in the 1930's. However, no additional reports of this species existed until 1997 and 1998 when Tate Fisher reported Wood Frogs from two locations in Roberts County (Fisher, 1998). During the statewide herpetology in 2004 (this project), Jessen found numerous wetlands with choruses of Wood Frogs. Skadsen also reported sites. All of the sites were in northeastern Roberts County and none were in the forested coulees. Despite the availability of forested habitat



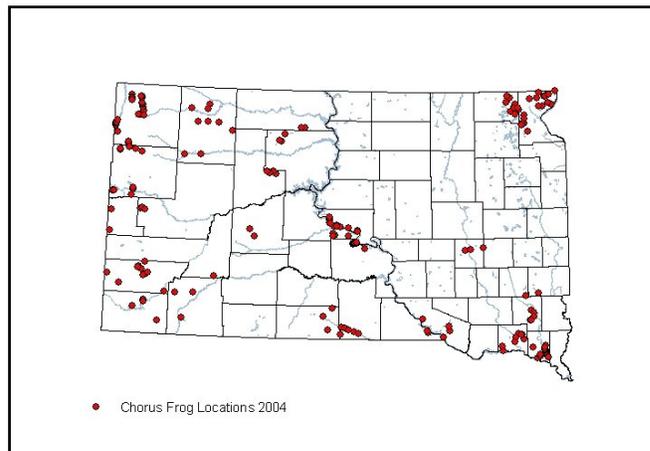
in the coulees, the Wood Frog seems to be limited to wetlands in a 300 square mile area including Cottonwood Slough, Big Slough Creek and the Bois de Sioux lowlands of northeast Roberts County, where trees are not prevalent. The habitat consists of prairie potholes and creeks and ponds surrounded by cropland. Twenty-six sites were located during anuran calling surveys. These locations can be used as future monitoring sites.

Boreal Chorus Frog *Pseudacris maculata*

This species is common across the state, from the higher Black Hills to the badlands to the wetlands of eastern South Dakota. Two hundred twenty-nine records were entered into the database. One hundred twenty-three of the database records came from anuran calling surveys. Fishbeck and Underhill (1959) reported this species to be common statewide in the 1950's. Specimen records indicated a statewide distribution (Ballinger et al., 2000). The distribution and abundance of this species appears to be stable.



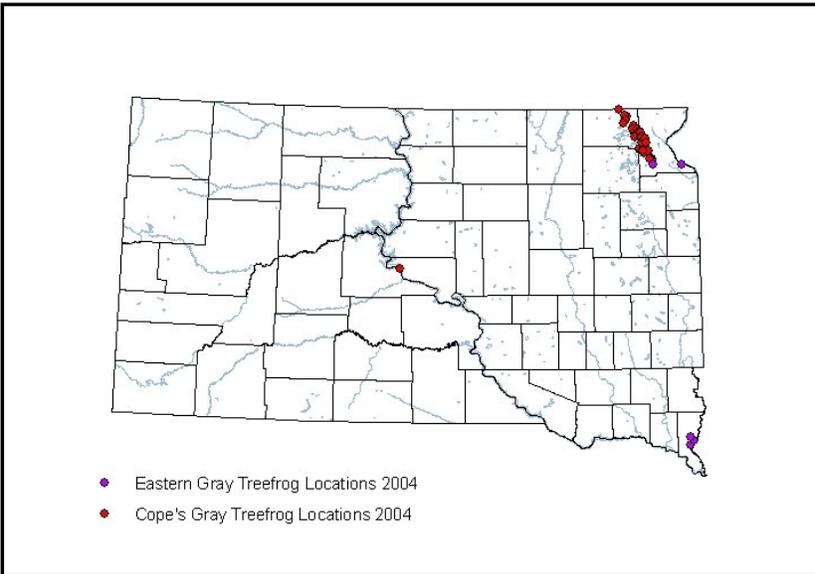
Boreal Chorus Frog, Hughes County, May 2005
Photo by Doug Backlund



Cope's Gray Treefrog *Hyla chrysoscelis* and Eastern Gray Treefrog *Hyla versicolor*

These two species are nearly indistinguishable by appearance alone. They can be separated by calls and possibly by habitat. The Eastern Gray Treefrog is tetraploid while Cope's Gray Treefrog is diploid (Ballinger et al, 2000). The only 100% accurate method of identification is karyotyping of the chromosomes. All of the early records of gray treefrogs were reported as Eastern Gray Treefrogs, but it appears that Cope's Gray Treefrog is actually the more common species.

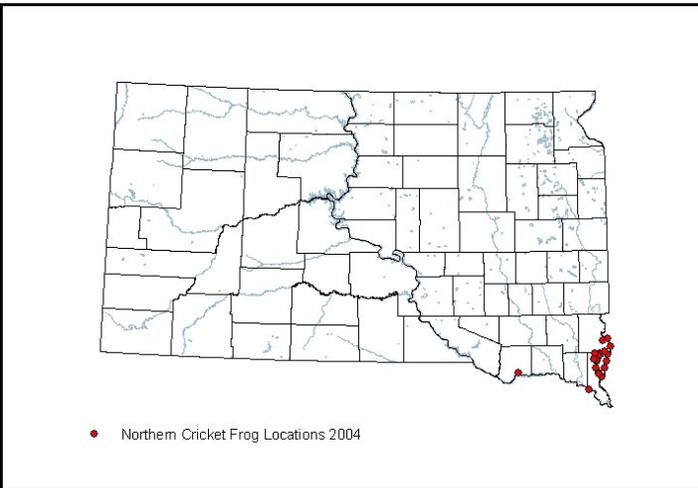
Jessen reported that Cope's Gray Treefrog was found commonly in the Coteau de Prairie in Roberts and Marshall counties, in northeast South Dakota. Here, the species was found breeding in prairie potholes often some distance from forested areas. The only other report came from Stanley County, in central South Dakota, below Oahe Dam in a remnant of the floodplain forest of the Missouri River. A population of Cope's Gray Treefrogs was identified here in June of 2003. Despite intensive surveys by Kiesow in 2004, no additional populations were found in central South Dakota. Jessen reported Eastern Gray Treefrogs from Union County and from Roberts County. Fisher



(1998) also reported this species from the northeast and southeast. Fogell (2002, 2003) reported only Cope's Gray Treefrog in habitats along the Big Sioux River and along the Missouri River as far upstream as Charles Mix County. More research is needed to determine the true status of these species in South Dakota. Currently, researchers at USD are karyotyping chromosomes of gray treefrogs from South Dakota to determine species status.

Northern Cricket Frog *Acris crepitans*

The Northern Cricket Frog is reported to be in decline across much of the northern and western boundary of its former distribution (Hay, 1998; Oldfield and Moriarty, 1994). Some researchers suggest that the species is sliding to extinction (Gray and Brown, 2005). Specimen records show a former distribution that included nine counties in

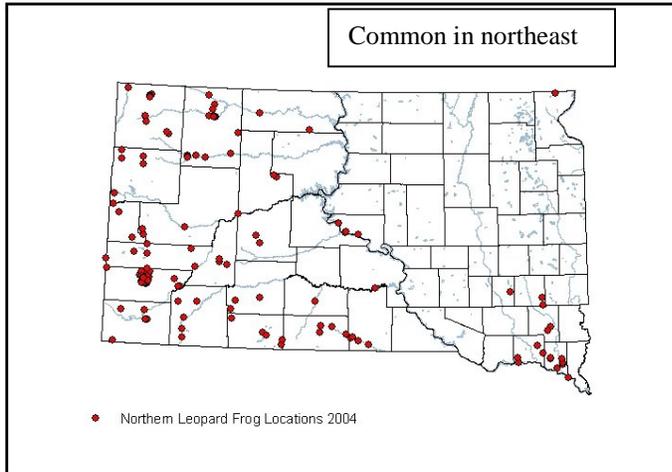


southeastern South Dakota and specimens from Tripp County (Ballinger et al., 2000) in south-central South Dakota. Fisher (1998) did not report this species. Results of recent surveys (Backlund, 2002; Wilmot, 2001; Jessen 2002; Fogell 2002) and the statewide herpetology survey (this project) indicate that the species is still found in most of the range in southeast South Dakota, but it has disappeared from the western areas in Tripp County (Olson, 2001). It is still locally common in Union and Clay counties but there is no baseline data to determine trends in abundance. This species should be carefully monitored for changes in abundance and distribution. Twenty-four sites were entered into the database that can be used as monitoring sites, in addition to sites reported in previous surveys.

Northern Leopard Frog *Rana pipiens*

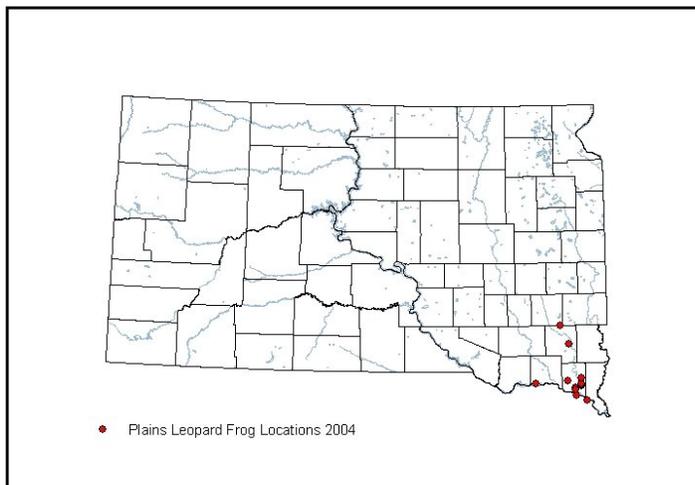
Northern Leopard Frogs are known to be in decline in some areas, especially the western portions of the range. In Montana, this species has nearly disappeared from areas west of the Continental Divide (Werner et al., 2004). However, the distribution of South Dakota populations appears to be stable. There is no historic or recent data on

abundance. It was reported statewide by surveyors in 2004. Jessen stated that Northern Leopard Frogs proved to be quite abundant in eastern South Dakota. Gumbert and Dourson reported the species common in the southeast. Platt



found them in nearly every wetland with water in southwest South Dakota, despite the drought conditions that were present in 2004. Of special interest was the status of this species in the Black Hills. Smith found the species throughout the Black Hills. Collins stated that the Northern Leopard Frog was the most abundant and widespread anuran in Custer State Park. In northwest South Dakota, Atkinson reported the species rare in some areas and common in others. One-hundred eighty-four records were entered in the database that can be used as future monitoring sites.

Plains Leopard Frog *Rana blairi*



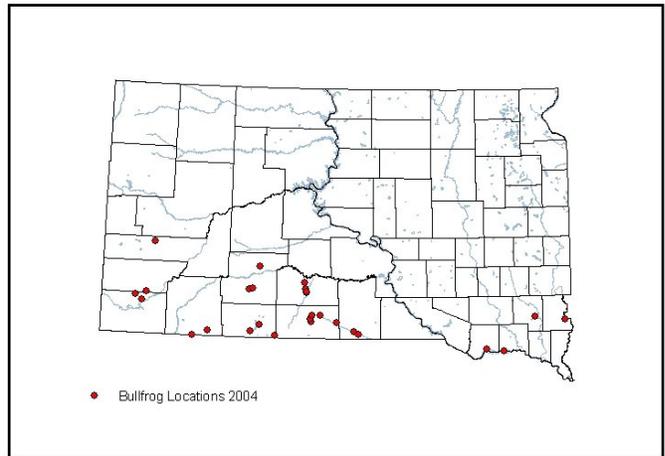
The historical distribution of this species was restricted to the southeast and south-central portions of South Dakota. The current distribution, based on the surveys from 2004, is about the same. A 1971 specimen record from Tripp County indicates that this species may have had a wider distribution at one time. It is also possible that this record, based on a specimen collected from a farm pond, was an introduction. Fisher (1998) did not detect Plains Leopard Frog in 1997 or 1998. It is likely that this species, existing at the periphery of its distribution, experiences large fluctuations in abundance. Fifteen records from five counties were entered into the database that can be used for future monitoring.

Bullfrog *Rana catesbeiana*

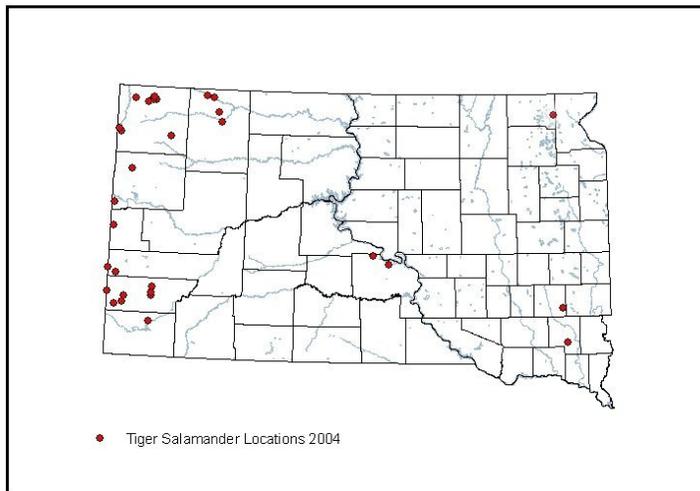
The greatest concern with this species is increasing abundance and distribution, due to the common practice of introductions into farm ponds and lakes. Bullfrogs can become extremely abundant under some conditions and are known to extirpate other species of frogs. This species has become very troublesome in some states. During recent surveys for Northern Cricket Frogs in Tripp County, only Bullfrogs were found along the Keya Paha River in areas where Northern Cricket Frogs were once common (Olson, 2001). It is difficult to determine where the Bullfrog is native and where it has been introduced. It is reasonable to assume that the species is native the southern Black Hills area, Bullfrog remains have been recovered from the Beaver Creek archaeological site in Wind Cave National Park (Martin, 1993).



Bullfrog, Tripp County, August 2005
 Photo by Doug Backlund



Tiger Salamander *Ambystoma tigrinum*



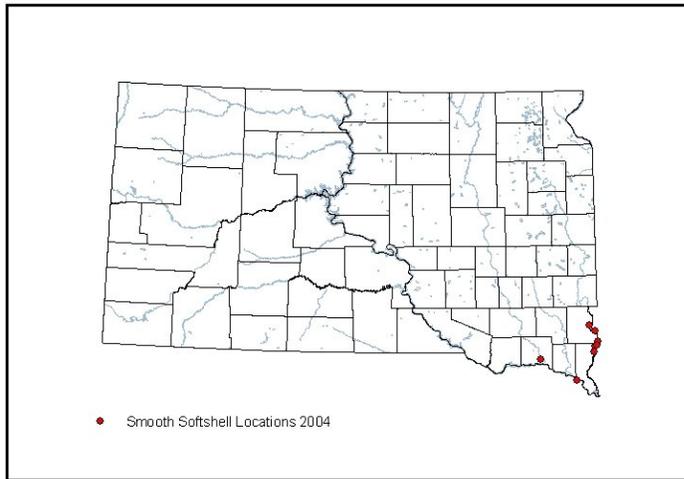
This species was not detected as often as expected. Thirty-four records were entered into the database, most of them from western South Dakota. Jessen reported only one sighting in northeast SD. It is likely that this species was under reported due to its secretive nature. Survey efforts focussed on this species are needed to determine the status.

Mudpuppy *Necturus maculosus*

This species was not detected. Mudpuppies were reported from Day County and Roberts County in the 1920's and an unverified report from 1972 from Marshall County exists. These records are all suspect, due to possible confusion with larval or neotonic tiger salamanders. No specimen records exist (Ballinger et al., 2000). The species does occur in the Minnesota River further east in Minnesota and in the Red River in North Dakota, so it may be found in South Dakota eventually.

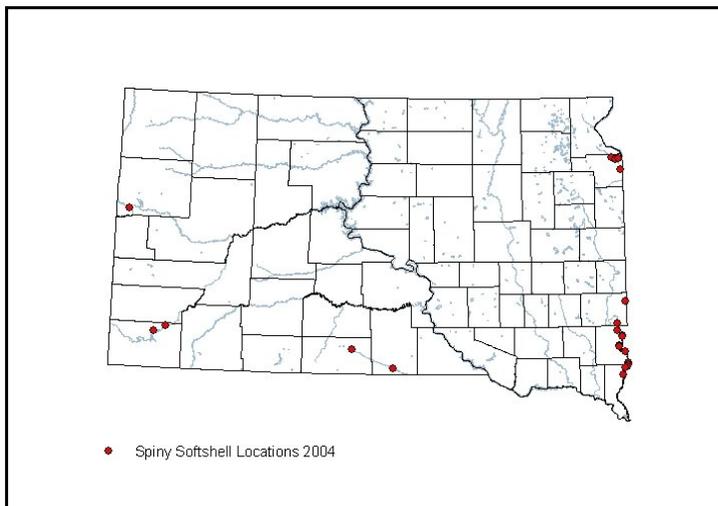
TURTLES

Smooth Softshell *Apalone mutica*



The distribution of this species has historically been restricted to the Missouri River and the largest tributaries. The Smooth Softshell is a large river turtle (Ernst et al., 1994). Timken (1975) reported that this species was common in the free flowing sections of the Missouri River. Bandas (2003) reported similar results and also reported the capture of one Smooth Softshell in the Cheyenne River in Pennington County. Results from the 2004 survey (this project) produced eight records from the Missouri River and lower Big Sioux River. This species should be carefully monitored due to loss of suitable habitat for egg laying. Sites for monitoring reproduction on the Missouri River between Gavins Point Dam and Elk Point can be found in Perkins and Backlund, 2000.

Spiny Softshell *Apalone spinifera*

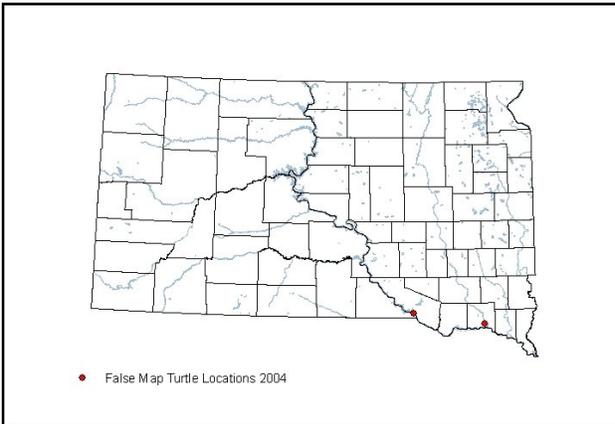


The distribution of the Spiny Softshell was about as expected. This species is found in highest abundance in smaller streams and rivers rather than the large rivers preferred by the Smooth Softshell. Populations exist in the Big Sioux River, headwaters of the Minnesota River, upper Cheyenne and Belle Fourche rivers, and the Keya Paha River. The species is also found in the Missouri River (Bandas, 2003; Timken, 1975) but always at lower abundance than the Smooth Softshell. Timken reported that 7% of the turtles collected in the Missouri River were Spiny Softshells.

Blanding's Turtle *Emydoidea blandingii*

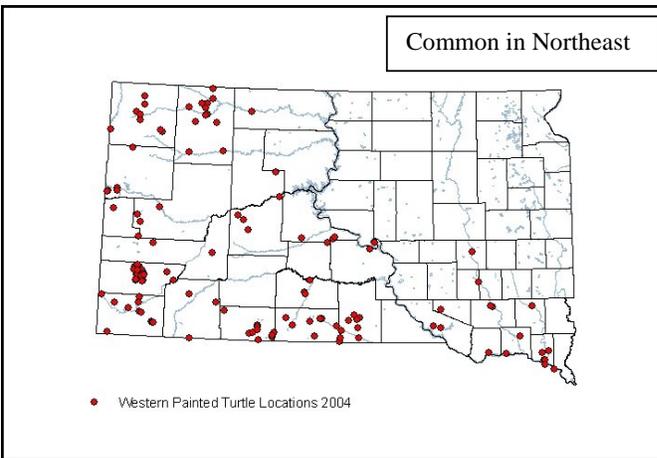
This species was not detected in the 2004 surveys (this project). Blanding's Turtle has only rarely been reported in South Dakota. Despite intensive surveys over that last 3 years, no populations have been found. Fogell focused on lakes and streams in south-central South Dakota during 2004, north of locations where the species occurs in Nebraska. Jessen also focused efforts on Pipestone Creek, since a population exists in Minnesota on the headwaters of Pipestone Creek. Timken (1975) and Bandas (2003) also reported negative results. All efforts to locate populations in South Dakota have been negative. The evidence available suggests that this species has never existed as a population in South Dakota. The few individuals reported may be dispersing turtles from neighboring states.

False-map Turtle *Gratemys pseudogeographica*



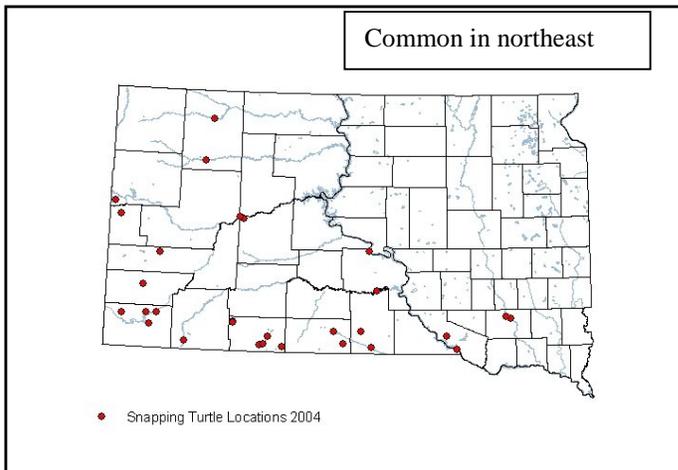
Reported only from the Missouri River, as expected. This species is common in the Missouri River below Gavins Point Dam and Fort Randall Dam. Timken (1975) reported this species to be the most common turtle in the Missouri River.

Western Painted Turtle *Chrysemys picta*



The most common turtle in South Dakota is the Western Painted Turtle, this species is found statewide in almost every aquatic habitat. In northeast South Dakota, Jessen stated “Painted Turtles were seen in nearly every situation where water was present. From large bodies of water like the edge of Big Stone Lake down to the most isolated stock pond way up on the top of the prairie plateau...these turtles are doing well.” Other surveyors reported similar results in suitable habitat.

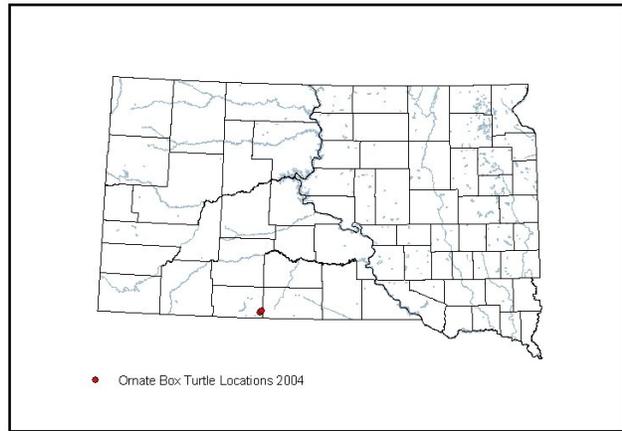
Snapping Turtle *Chelydra serpentina*



Like the Western Painted Turtle, this species is common statewide but is less frequently reported. It is likely to be seen only when laying eggs or dispersing to new habitat. Jessen reported this species to be common in northeast SD. He stated “they were encountered in nearly every situation where water was present.” Bandas (2003) found them common across the state and Timken (1975) thought it was the second most abundant turtle in South Dakota, exceeded only by the Western Painted Turtle.

Ornate Box Turtle *Terrepepe ornata*

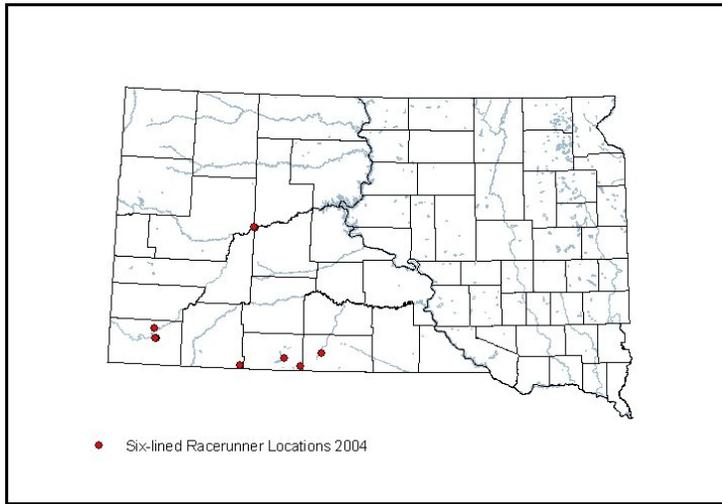
The Ornate Box Turtle is a species of special concern in South Dakota. The only habitat available for this species is in the south-central area, in and adjacent to the sandhills country of Bennett, Todd, Shannon, Tripp, and Gregory counties. It is possibly found in Fall River County as well. Reports from Hughes County are probably released animals. During this project, the only reports were three records from southeast Bennett County. Nearly all the habitat is private land or tribal land. This species is popular in the pet trade and could be vulnerable to illegal overharvest. More populations need to be located and all populations should be monitored closely. This will require the cooperation of private land owners and tribal government.



Ornate Box Turtle, Tripp County, August 2005
Photo by Doug Backlund

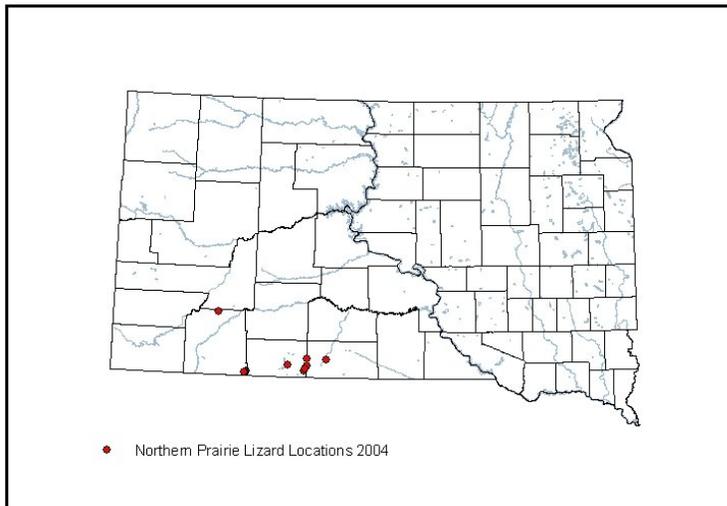
LIZARDS

Six-lined Racerunner *Cnemidophorus sexlineatus*



The Six-lined Racerunner was found to occur much further north than previously thought. Fogell found several individuals of this species at two sites on and near the Cheyenne River. The locations were along the Four Corners Road where the four counties of Haakon, Meade, Ziebach and Pennington converge. Elsewhere in the state, distribution was about as expected. Distribution appears to be stable, with known populations in Fall River, Bennett, Todd, and Shannon counties. Platt described this species as abundant in sagebrush habitats along the Cheyenne River in central Fall River County. Fourteen records were reported during this project.

Northern Prairie Lizard *Sceloporus undulatus*



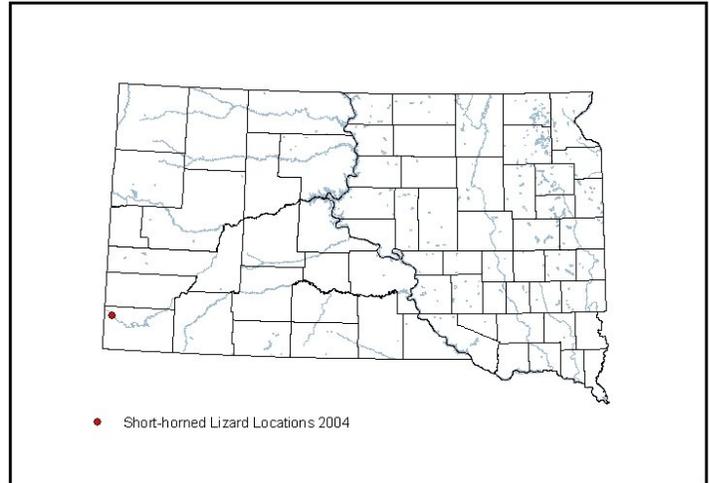
This species appears to be more range restricted than the Six-lined Racerunner. It occurs only where large area of sand prairie and sand dunes exist. There is an isolated population in northern Shannon County and larger populations in the sand hills habitat of southern Bennett County. It is also common in Todd County in the Ghost Hawk Park area. The species appears to be stable within these areas. The species also occurs in limited habitat in southern Tripp County (SD Natural Heritage Database records). During this project, 15 records were reported, all in Bennett, Shannon and Todd counties.

Short-horned Lizard *Phrynosoma hernandesi*

The Short-horned Lizard has been reported from twenty locations in South Dakota (South Dakota Natural Heritage Database). This species is very difficult to detect. Not surprisingly, only one record was reported during this project, a single lizard found in Fall River County by Steve Platt. This species should be closely monitored but techniques for detection and monitoring need to be improved. Reports of Short-horned lizards from northern Stanley County need to be verified. Very little is known about the historic status of this species. F. A. Patton (1926) described it as a common prey species for sparrow hawks (American Kestrel) in Harding County.

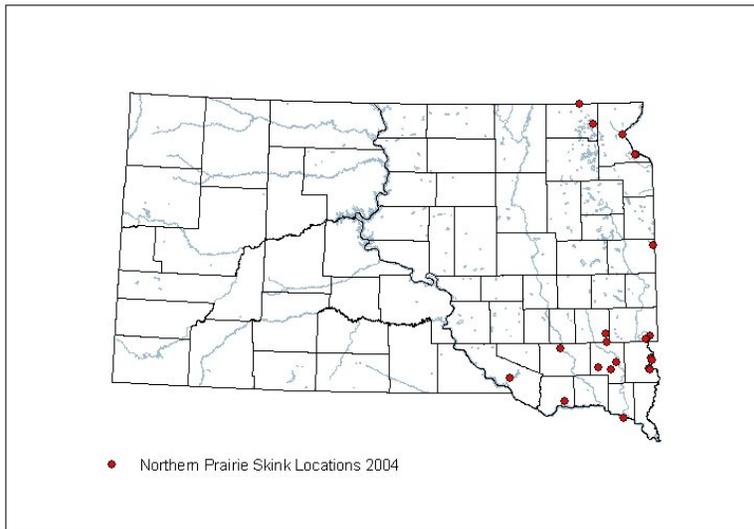


Short-horned Lizard, Butte County, August 2003
 Photo by Doug Backlund



Northern Prairie Skink *Eumeces septentrionalis*

Distribution of this species was about as expected. Twenty-three records were entered in the database. The Northern Prairie Skink is a grassland species that sometimes occurs at forest edges and in oak savanna habitat. Due to the



extensive habitat loss in eastern South Dakota, there has been some concern over the status of this species. This species is a regional endemic. It seems to be resilient in the face of extensive habitat destruction. However, the goal of the South Dakota Comprehensive Wildlife Conservation Plan is to maintain populations of species for which South Dakota represents a significant portion of the species' overall range and species that are indicative of or depend upon a declining or unique habitat in South Dakota. This species should be on the state list of species of conservation concern. Populations should be monitored and additional populations searched for.

Many-lined Skink *Eumeces multivirgatus*

This species was only known from two specimen records until recently. Fogell reported two observations in Tripp County and Platt found one in Shannon County. Many-lined Skinks are found in sand grasslands in Tripp, Bennett and Shannon counties and probably in Todd County as well, although no records exist for Todd County. Platt



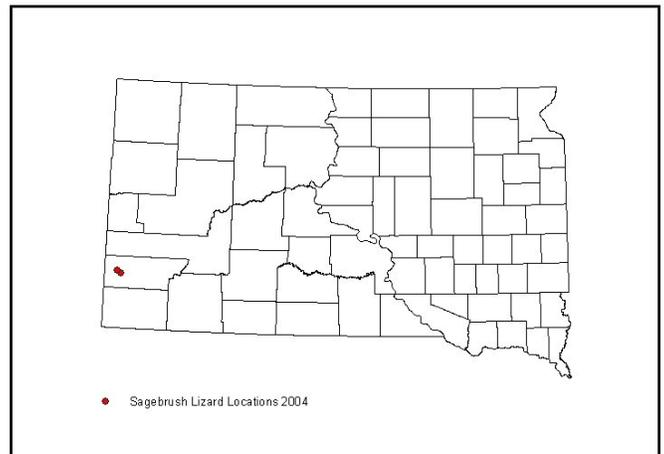
reported a possible Many-lined Skink in Fall River County near Oral, but the lizard escaped before positive identification could be made. This is another species that is difficult to detect. Platt used a method of digging in sand under cowpies and found one Many-lined Skink using this method. In 2005, SD GFP biologists found 3 Many-lined Skinks in Tripp County while sampling for American burying beetles. The skinks fell into pitfall traps used to trap burying beetles.

Five-lined Skink *Eumeces fasciatus*

Only one record of this species exists for South Dakota, a specimen collected near Vermillion in September 1979 by A.C. Stewart, specimen #16763 University of Nebraska State Museum. Additional Five-lined Skinks were not detected during this project.

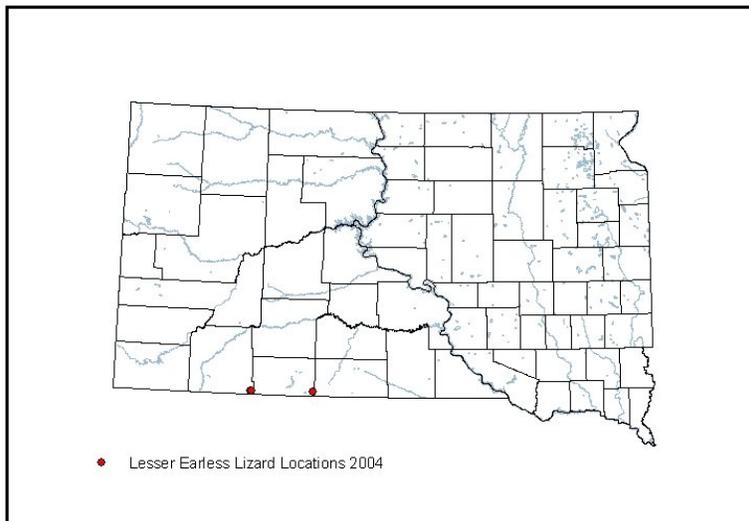
Sagebrush Lizard *Sceloporus graciosus*

Prior to this project, the Sagebrush Lizard was known from five locations in the southwest Black Hills area. Two new sites were discovered by Dr. Smith, both in Custer County. The distribution of the species is highly restricted to the southwest Black Hills area. It was hoped that additional populations could be found in the northwestern sagebrush habitats since there are some populations in southwest North Dakota and southeast Montana, but none were detected.



Northern Sagebrush Lizard, Custer County, September 2005
 Photographed by Doug Backlund

Lesser Earless Lizard *Holbrookia maculata*

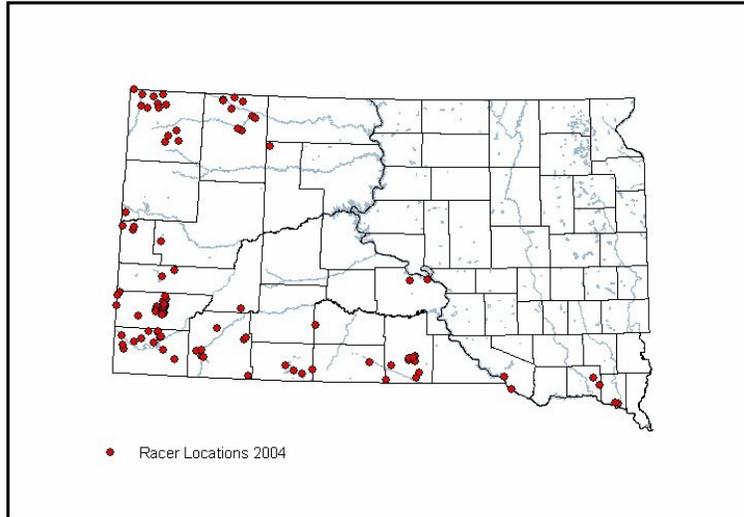


The Lesser Earless Lizard was documented at three locations during this project. All of the records were within the expected range of this species, sand hills habitat in south-central and south-west South Dakota. As with other secretive lizards, a better method of detecting and monitoring populations is needed. Stabilization of sand dune habitats is a threat to this species (Ballinger and Jones, 1985).

SNAKES

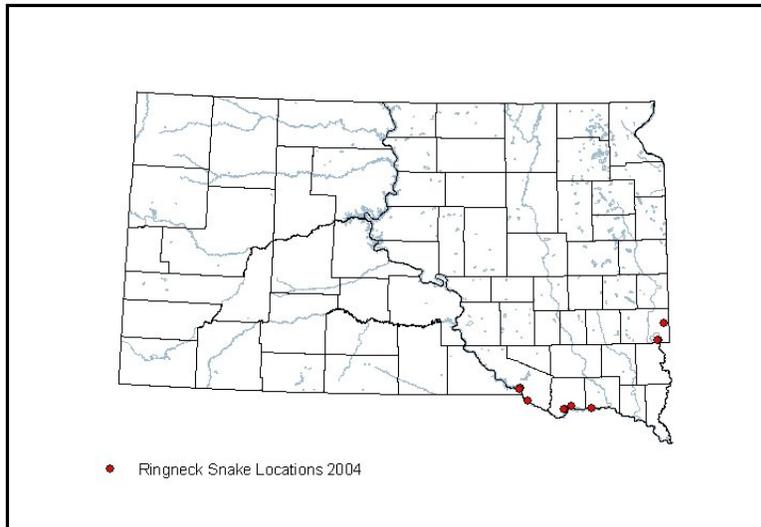
Eastern Yellow-belly Racer

Coluber constrictor



One-hundred twenty records of this species were entered in the database. This was one of the most common snakes in western South Dakota but it is nearly absent from the east, occurring only along the Missouri River and the extreme southeast area of the state. Distribution is about the same as shown in Ballinger et al., 2000. Fishbeck and Underhill (1959) describe this species as common throughout the state but the county records they reported indicate a distribution similar to both Ballinger et al. (2000) and this project. Dunlap (1967) noted the distribution of this species and commented on how similar it was to the gopher snake, milk snake, and the prairie rattlesnake. All of these species appear to have never colonized the glaciated regions of South Dakota or are very slowly doing so.

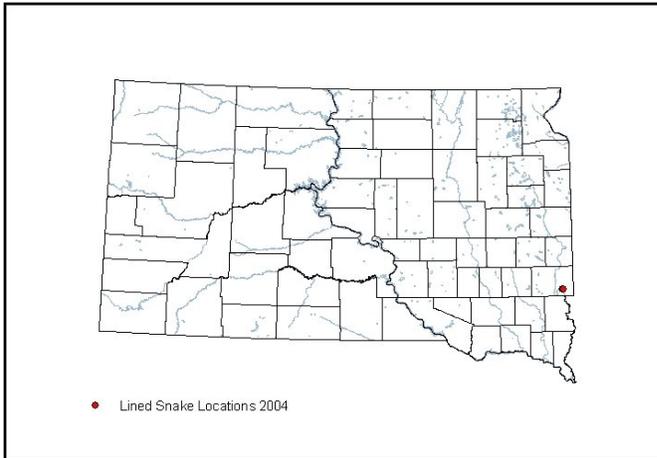
Ringneck Snake *Diadophis punctatus*



Ten records of this species were reported and entered in the database. Distribution was about as expected, restricted to the southeast, generally along river valleys. This is a peripheral species in South Dakota and it has a large distribution in the eastern United States and southern Canada.

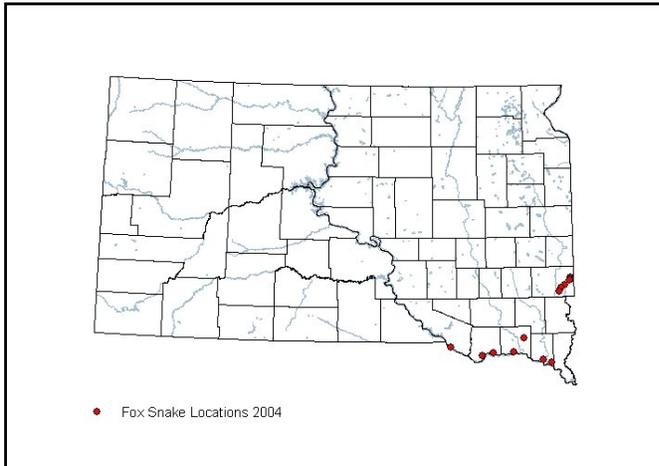
Lined Snake *Tropidoclonion lineatum*

The subspecies *T.l.lineatum* (Northern Lined Snake) occurs in South Dakota and is a regional endemic. Until a few years ago, almost nothing was known about the status of this species in South Dakota. Only three records were known until the summer of 2000, when more intensive surveys for this state endangered species began. The earliest report, from 1916, is very vague. A specimen was collected in July somewhere north of Sioux Falls and was deposited in the University of South Dakota herpetology collection. The second record is dated 1923 and is another USD specimen collected by W. H. Over on Brule Creek about 12 miles east of Vermillion. Until 2000, the most recent record was specimen collected by Dr. Sven Froiland in 1964 in the Cactus Hills area northeast of Sioux Falls. In 2000 a lined



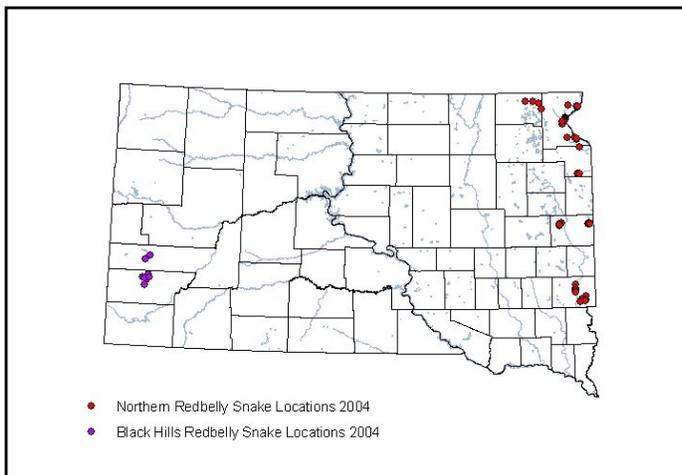
snake was found and photographed in the same area that Dr. Froiland collected a specimen (Backlund, 2000). In subsequent years, Tom Jessen was contracted by SD GFP to conduct surveys for this species and other herps in eastern South Dakota. Tom has greatly expanded our knowledge of this species. Due to the previous efforts and our current knowledge of this species, it was decided to focus efforts on other species with poorly documented status in South Dakota. During this project only three records were reported, all within the known distribution. Current known distribution extends along the Big Sioux River north to the Dell Rapids area. Lined snakes have been documented from all historic sites and from many new locations.

Fox Snake *Elaphe vulpina*



Fourteen records of this species were reported during this project. Distribution was about as expected. All records were in southeast South Dakota. Gumbert and Dourson felt that this species was more abundant than previous records indicate.

Northern Redbelly Snake *Storeria occipitomaculata occipitomaculata*



This subspecies was listed as state threatened until 1996. Data collected in recent years indicated that the species was more common and more widely distributed than previously known. The records collected during this project also indicate that this species is common in suitable habitat in eastern and northeastern South Dakota. Jessen reported that they were found in almost all kinds of habitats in eastern South Dakota. Forty-two records were added to the database. Distribution was about as expected. In the fall of 2005 Jessen found a Northern Redbelly Snake hibernaculum in the James River valley, a considerable range extension to the west.

Black Hills Redbelly Snake *Storeria occipitomaculata pahasapa*

The Black Hills Redbelly Snake is one of the few endemic taxa found in the Black Hills. Smith (1963) and Ernst (1974) discussed the taxonomic status of the Black Hills Redbelly Snake. The population is highly disjunct from other populations of the Northern Redbelly Snake to the east. Twelve records of this species were reported during this project. Additionally, it should be mentioned that Custer State Park was intensively surveyed for almost a month by a team of herpetologists led by Joseph Collins. Ten of the twelve records reported from the Black Hills came from Custer State Park, a relatively small area of the Black Hills. A similar intensive effort in the rest of the Black Hills would be likely to find many more records of this species.

Over the years, a number of records have been documented in the Black Hills. Thirty-eight records are currently in the South Dakota Natural Heritage Database. The species may be closely tied to abundance of snails and slugs, which form a major portion of the natural prey of the species (Rossman and Myer, 1990). An ongoing research project funded by SD Game, Fish and Parks through South Dakota State University and Black Hills State University is investigating the life history and genetics of the species in the Black Hills.

The species appears to be secure in the limited suitable habitat but careful monitoring should be a long-term goal. This species is one of the Species of Greatest Conservation Concern and the Black Hills population could be a potential species for federal listing as a DPS (distinct population segment as defined in the Endangered Species Act). See distribution map in Northern Redbelly Snake account.

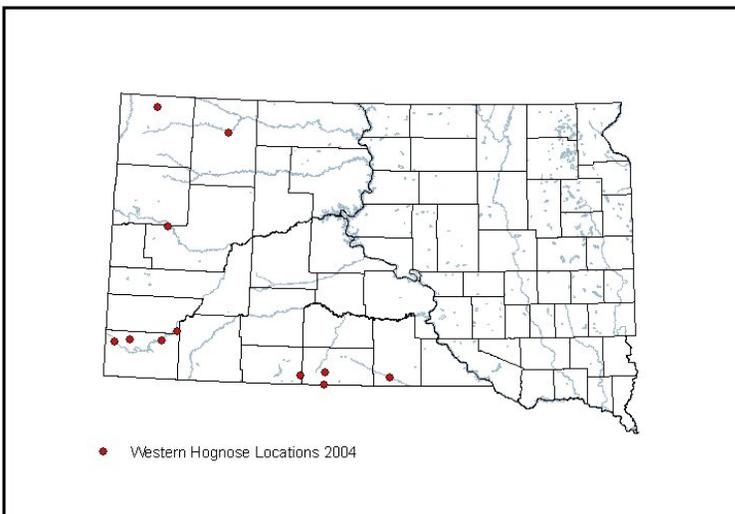
Brown Snake *Storeria dekayi*

The presence of this species in South Dakota is based on one specimen record collected in Roberts County in 1922. Ballinger et al. (2000) verified the identity of this specimen. The lack of records may indicate that the species has been extirpated from the state. It is also possible that the 1922 specimen was a release and that the species never occurred naturally in South Dakota. The current distribution in Minnesota does not include any counties bordering South Dakota (Oldfield and Moriarty, 1994).

Northern Water Snake *Nerodia sipedon*

The presence of this species in South Dakota was first noted in 1964, when several specimens were collected at Springfield on the Missouri River. The status of the species in South Dakota is not known and it was not reported during this project. There is a known population of Northern Water Snakes in the Niobrara River in Nebraska and that population is probably the source of the sporadic reports in South Dakota. Known distribution is limited to the Missouri River near Springfield. Although this species is very rare in South Dakota, it has a wide distribution across eastern North America. Population status is reported to be secure.

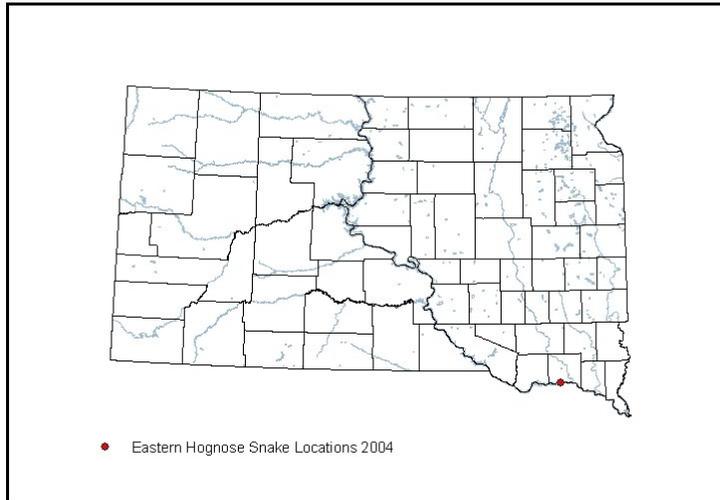
Western Hognose Snake *Heterodon nasicus*



Historically this species had a statewide distribution (Ballinger, et al., 2000) although specimen records are sparse. During the current project, the species was only reported in the counties west of the Missouri River and there only twelve records were documented. This is a prairie species and much of that habitat has been lost. In addition, sandy or loose soils are required, therefore habitat is limited even in regions where the prairie is still intact. The major prey of the Western Hognose Snake is toads. The current drought in western South Dakota may be affecting the food supply and consequently the abundance of

this species. It is also difficult to detect and will require a special effort to make a true determination of status. The Western Hognose Snake is listed as state endangered in Iowa and a species of special concern in Minnesota and Montana. The Western Hognose Snake should be monitored closely, as it may be undergoing a decline in range and abundance.

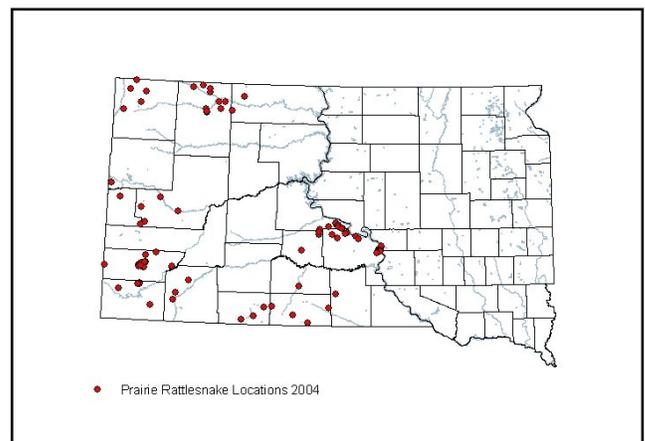
Eastern Hognose Snake *Heterodon platirhinos*



The Eastern Hognose Snake distribution in South Dakota has historically been restricted to the extreme southeast, along the Missouri River. Only one record of this species was recorded during this project. This record was in Yankton County, where a road kill was collected by Gumbert and Dourson. This appears to be the first Yankton County record for the Eastern Hognose Snake. Ten additional records are in the South Dakota Natural Heritage Database, all in Clay or Union counties. The Eastern Hognose Snake is state listed as threatened. It is unknown how far up the Missouri River valley this species would have occurred prior to construction of the four large hydroelectric dams.

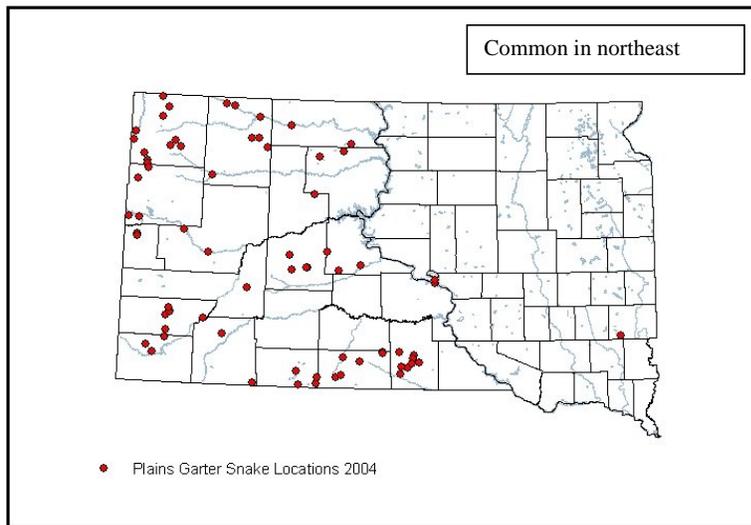
Western Rattlesnake *Crotalis viridus*

The Western Rattlesnake (Prairie Rattlesnake) was found only in western South Dakota, as expected. Except for the higher elevations of the Black Hills, this species was commonly reported by the herpetologists working in western South Dakota. One-hundred and two records were entered in the database. Platt reported that this was the third most frequently encountered snake in southwest South Dakota. Knowles found Western Rattlesnakes on four out of seven prairie dog colonies surveyed in Perkins County on the Grand River National Grassland. He reported a total of 109 Western Rattlesnakes observed moving into hibernaculum.



Western Rattlesnake, Stanley County, October 2005
Photo by Doug Backlund

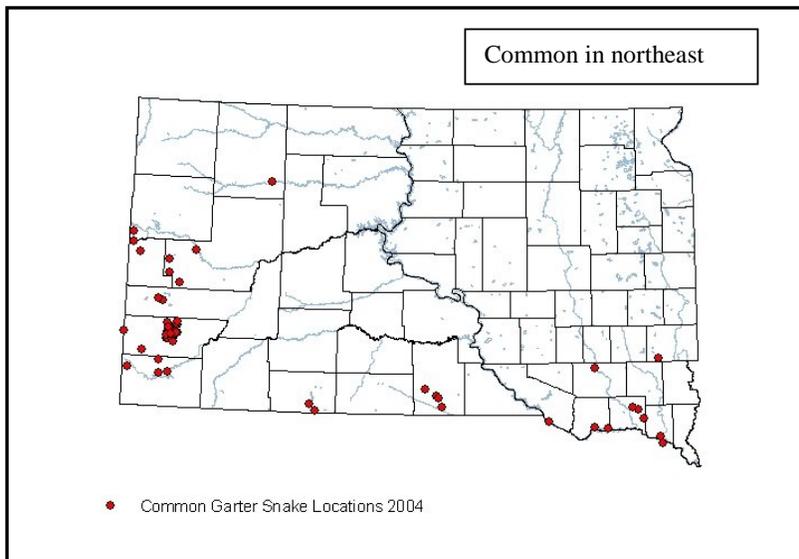
Plains Garter Snake *Thamnophis radix*



Seventy-two records were entered in the database. Jessen reported that the Plains Garter Snake was common in northeast South Dakota. Gumbert and Dourson also thought this species would be common but the timing of their survey may have resulted in underreporting the species. This species is common statewide.

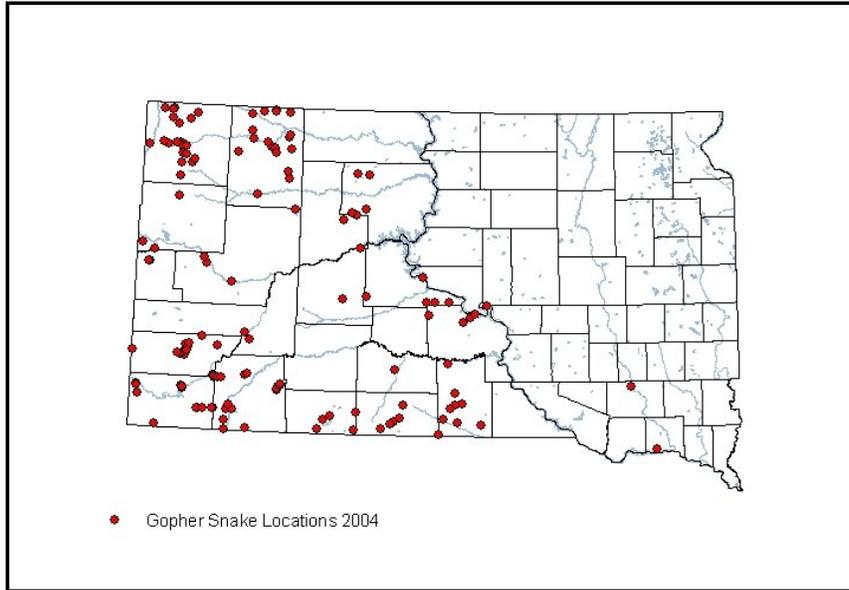
Common Garter Snake *Thamnophis sirtalis*

The distribution of this species is interesting. Specimen records indicate a distribution similar that found during this project. The exception is the record in Perkins County discovered by Dan Fogell. Jessen reported the species to be common in northeast South Dakota. Although Fishbeck and Underhill (1959) and Ballinger et al. (2000) predicted that the species should be common statewide it was not reported in most of central and northwest South Dakota. It is common in the Black Hills and possibly occurs as a disjunct population in the Black Hills. Baxter and Stone (1985) show a disjunct distribution for the Black Hills in Wyoming. More survey work is needed to verify this distribution.



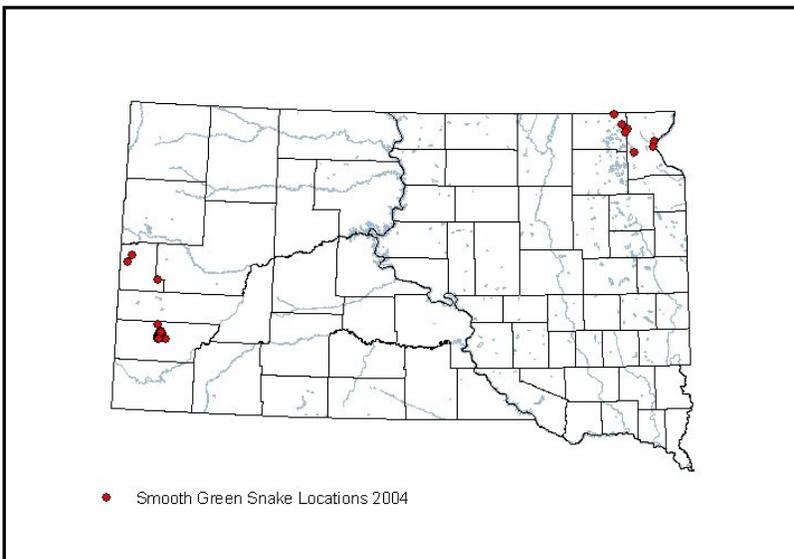
project. The exception is the record in Perkins County discovered by Dan Fogell. Jessen reported the species to be common in northeast South Dakota. Although Fishbeck and Underhill (1959) and Ballinger et al. (2000) predicted that the species should be common statewide it was not reported in most of central and northwest South Dakota. It is common in the Black Hills and possibly occurs as a disjunct population in the Black Hills. Baxter and Stone (1985) show a disjunct distribution for the Black Hills in Wyoming. More survey work is needed to verify this distribution.

Gopher Snake (Bull Snake) *Pituophis catenifer*



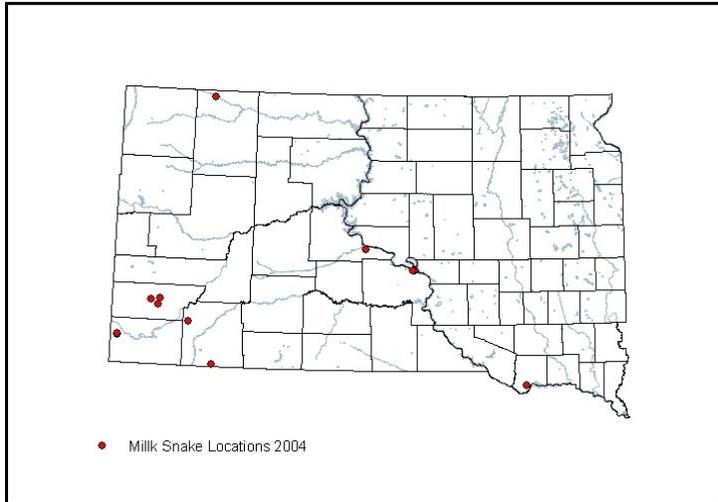
The Gopher Snake (the subspecies in South Dakota is *P. c. sayi* or Bull Snake) was commonly reported in western South Dakota, but rare in the east. One-hundred forty-two records were entered in the database. Distribution is about as expected, this project filled in the gaps in western South Dakota that were noted in Ballinger et al., 2000. The species is absent from northeast South Dakota, no specimen records exist and neither Skadsen or Jessen detected this species in that region.

Smooth Green Snake *Liochlorophis vernalis*



The Smooth Green Snake occurs in the Black Hills and is also found in the northeast. Fifty-seven records were entered in the database, of these forty-seven were reported from Custer State Park, where the team led by Joseph Collins intensively surveyed the park. The species is probably abundant in the Black Hills but it is difficult to detect without intensive survey work of habitat by checking under rocks, logs, and other ground cover. Jessen reported that local residents in the Veblen area thought that Smooth Green Snakes were not as common as they once were.

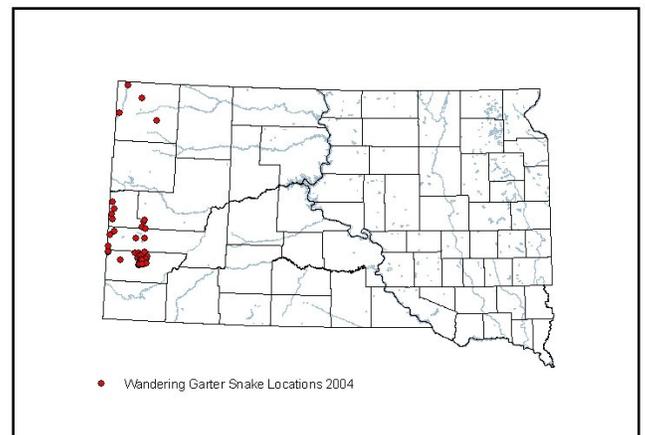
Milk Snake *Lampropeltis triangulum*



The Milk Snake is thought to be a rare species but this perception is likely due to the secretive and fossorial nature of the species. This was the general consensus of the biologists in the field. Fourteen records were entered in the database. Detecting this species requires intense survey efforts using coverboards or searching under ground cover. The Milk Snake found by Gumbert and Dourson in Bon Homme County was a Pale Milk Snake, *L. t. multistrata*. No specimens of the Red Milk Snake, *L.t.sypila*, were reported. Distribution was about as expected, occurring in western South Dakota and along the Missouri River in the southeast.

Western Terrestrial Garter Snake *Thamnophis elegans*

Prior to this project, the Western Terrestrial Garter Snake was thought to be restricted to the Black Hills. Atkinson documented the occurrence of this species in northwest South Dakota, describing it as common in the North Cave Hills and in sandy habitats near streams in Harding County. Records from Montana (Werner et al., 2004) show a distribution to the South Dakota state line so these new distribution records are not unexpected, just overdue. Seventy-four records were entered in the database. Forty-nine records came from Custer State Park where Collins described it as the most common snake in the Park. Smith reported the species at eighteen sites in the rest of the Black Hills.



Western Terrestrial Garter Snake, Pennington County, October 2003

Photo by Doug Backlund

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Appendix I

Key to Codes and State and Global Ranks

FEDERAL STATUS	LE = Listed endangered LT = Listed threatened LELT = Listed endangered in part of range, threatened in part of range PE = Proposed endangered PT = Proposed threatened C = Candidate for federal listing, information indicates that listing is justified.
STATE STATUS	SE = State Endangered ST = State Threatened

An endangered species is a species in danger of extinction throughout all or a significant portion of its range. (applied range wide for federal status and statewide for state status)

A threatened species is a species likely to become endangered in the foreseeable future.

Global Rank	State Rank	Definition (applied rangewide for global rank and statewide for state rank)
G1	S1	Critically imperiled because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extinction.
G2	S2	Imperiled because of rarity (6 to 20 occurrences or few remaining individuals or acres) or because of some factor(s) making it very vulnerable to extinction throughout its range.
G3	S3	Either very rare and local throughout its range, or found locally (even abundantly at some of its locations) in a restricted range, or vulnerable to extinction throughout its range because of other factors; in the range of 21 of 100 occurrences.
G4	S4	Apparently secure, though it may be quite rare in parts of its range, especially at the periphery. Cause for long term concern.
G5	S5	Demonstrably secure, though it may be quite rare in parts of its range, especially at the periphery.
GU	SU	Possibly in peril, but status uncertain, more information needed.
GH	SH	Historically known, may be rediscovered.
GX	SX	Believed extinct, historical records only.
G?	S?	Not yet ranked
_?	_?	Inexact rank
_T		Rank of subspecies or variety
_Q		Taxonomic status is questionable, rank may change with taxonomy
	SZ	No definable occurrences for conservation purposes, usually assigned to migrants
	SP	Potential exists for occurrence in the state, but no occurrences
	SR	Element reported for the state but no persuasive documentation
	SA	Accidental or casual

Appendix II

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Appendix III

Database Records

Coordinates are not provided to protect potentially sensitive populations from exploitation.

Additional data in the database includes: latitude, longitude, biologist ID, survey code, and comments.

ID	Species	County	Survey Type	Date
660	American Toad	Turner	Incidental	4/21/2004
659	American Toad	Turner	Visual Encounter	4/21/2004
661	American Toad	Turner	Incidental	4/22/2004
304	Black Hills Redbelly Snake	Custer	Incidental	5/31/2004
334	Black Hills Redbelly Snake	Custer	Incidental	6/3/2004
577	Black Hills Redbelly Snake	Custer	Incidental	6/3/2004
339	Black Hills Redbelly Snake	Custer	Incidental	6/4/2004
406	Black Hills Redbelly Snake	Custer	Incidental	6/11/2004
403	Black Hills Redbelly Snake	Custer	Incidental	6/11/2004
474	Black Hills Redbelly Snake	Custer	Incidental	6/15/2004
544	Black Hills Redbelly Snake	Custer	Incidental	6/21/2004
563	Black Hills Redbelly Snake	Custer	Incidental	6/22/2004
562	Black Hills Redbelly Snake	Custer	Incidental	6/22/2004
1691	Black Hills Redbelly Snake	Pennington	Visual Encounter	7/14/2004
1692	Black Hills Redbelly Snake	Pennington	Visual Encounter	9/19/2004
190	Bull Frog	Bennett	Anuran Calling-Point	6/29/2004
192	Bull Frog	Bennett	Anuran Calling-Point	7/1/2004
193	Bull Frog	Bennett	Anuran Calling-Point	7/1/2004
757	Bull Frog	Bon Homme	Visual Encounter	4/28/2004
187	Bull Frog	Custer	Anuran Calling-Point	6/24/2004
163	Bull Frog	Fall River	Anuran Calling-Point	5/21/2004
80	Bull Frog	Fall River	Visual Encounter	5/30/2004
154	Bull Frog	Fall River	Visual Encounter	9/17/2004
159	Bull Frog	Fall River	Visual Encounter	10/23/2004
179	Bull Frog	Jackson	Anuran Calling-Point	6/16/2004
181	Bull Frog	Jackson	Anuran Calling-Point	6/17/2004
200	Bull Frog	Jackson	Anuran Calling-Point	7/8/2004
1133	Bull Frog	Lincoln	Anuran Calling-Point	6/28/2004
199	Bull Frog	Mellette	Anuran Calling-Point	7/7/2004
195	Bull Frog	Mellette	Anuran Calling-Point	7/7/2004
196	Bull Frog	Mellette	Anuran Calling-Point	7/7/2004
197	Bull Frog	Mellette	Anuran Calling-Point	7/7/2004
1693	Bull Frog	Pennington	Visual Encounter	7/30/2004
165	Bull Frog	Shannon	Anuran Calling-Point	6/7/2004
169	Bull Frog	Shannon	Anuran Calling-Point	6/10/2004
1346	Bull Frog	Todd	Visual Encounter	6/13/2004
1357	Bull Frog	Todd	Visual Encounter	6/15/2004
1359	Bull Frog	Todd	Visual Encounter	6/15/2004
1365	Bull Frog	Todd	Visual Encounter	6/15/2004
1366	Bull Frog	Todd	Visual Encounter	6/16/2004
1295	Bull Frog	Tripp	Road Cruising	5/6/2004
1562	Bull Frog	Tripp	Visual Encounter	8/16/2004
758	Bull Frog	Turner	Incidental	4/21/2004
759	Bull Frog	Yankton	Visual Encounter	4/28/2004
1097	Cope's Gray Tree Frog	Marshall	Anuran Calling-Point	6/3/2004

1099	Cope's Gray Tree Frog	Marshall	Anuran Calling-Point	6/3/2004
1102	Cope's Gray Tree Frog	Marshall	Anuran Calling-Point	6/3/2004
1095	Cope's Gray Tree Frog	Marshall	Anuran Calling-Point	6/3/2004
1101	Cope's Gray Tree Frog	Marshall	Anuran Calling-Point	6/3/2004
1089	Cope's Gray Tree Frog	Marshall	Anuran Calling-Point	6/3/2004
1091	Cope's Gray Tree Frog	Marshall	Anuran Calling-Point	6/3/2004
1093	Cope's Gray Tree Frog	Marshall	Anuran Calling-Point	6/3/2004
1103	Cope's Gray Tree Frog	Marshall	Anuran Calling-Point	6/4/2004
1104	Cope's Gray Tree Frog	Marshall	Anuran Calling-Point	6/6/2004
1106	Cope's Gray Tree Frog	Marshall	Anuran Calling-Point	6/6/2004
1108	Cope's Gray Tree Frog	Marshall	Anuran Calling-Point	6/6/2004
1112	Cope's Gray Tree Frog	Marshall	Anuran Calling-Point	6/7/2004
1116	Cope's Gray Tree Frog	Marshall	Anuran Calling-Point	6/7/2004
1110	Cope's Gray Tree Frog	Marshall	Anuran Calling-Point	6/7/2004
1114	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/7/2004
1115	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/7/2004
1118	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/7/2004
1120	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/7/2004
1122	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/7/2004
1124	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/7/2004
1126	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/7/2004
1119	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/7/2004
1127	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/8/2004
1129	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/8/2004
1036	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/14/2004
1037	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/14/2004
1038	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/20/2004
1041	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/20/2004
1042	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/20/2004
1043	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/20/2004
1040	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/20/2004
1039	Cope's Gray Tree Frog	Roberts	Anuran Calling-Point	6/20/2004
922	Cope's Gray Tree Frog	Stanley	Anuran Calling-Point	5/21/2004
962	Cope's Gray Tree Frog	Stanley	Anuran Calling-Point	6/8/2004
38	Eastern Garter Snake	Bennett	Road Cruising	6/30/2004
1543	Eastern Garter Snake	Bennett	Visual Encounter	8/14/2004
616	Eastern Garter Snake	Bon Homme	Visual Encounter	4/28/2004
617	Eastern Garter Snake	Bon Homme	Visual Encounter	4/29/2004
857	Eastern Garter Snake	Butte	Incidental	
618	Eastern Garter Snake	Charles Mix	Visual Encounter	4/24/2004
619	Eastern Garter Snake	Clay	Visual Encounter	4/23/2004
620	Eastern Garter Snake	Clay	Visual Encounter	4/23/2004
880	Eastern Garter Snake	Custer	Incidental	
246	Eastern Garter Snake	Custer	Incidental	5/27/2004
268	Eastern Garter Snake	Custer	Incidental	5/28/2004
260	Eastern Garter Snake	Custer	Incidental	5/28/2004
287	Eastern Garter Snake	Custer	Incidental	5/29/2004
293	Eastern Garter Snake	Custer	Incidental	5/31/2004
324	Eastern Garter Snake	Custer	Incidental	6/2/2004
341	Eastern Garter Snake	Custer	Incidental	6/4/2004
377	Eastern Garter Snake	Custer	Incidental	6/7/2004
386	Eastern Garter Snake	Custer	Incidental	6/8/2004

395	Eastern Garter Snake	Custer	Incidental	6/9/2004
401	Eastern Garter Snake	Custer	Incidental	6/11/2004
409	Eastern Garter Snake	Custer	Incidental	6/11/2004
408	Eastern Garter Snake	Custer	Incidental	6/11/2004
422	Eastern Garter Snake	Custer	Incidental	6/12/2004
444	Eastern Garter Snake	Custer	Incidental	6/13/2004
442	Eastern Garter Snake	Custer	Incidental	6/13/2004
439	Eastern Garter Snake	Custer	Incidental	6/13/2004
467	Eastern Garter Snake	Custer	Incidental	6/15/2004
457	Eastern Garter Snake	Custer	Incidental	6/15/2004
478	Eastern Garter Snake	Custer	Incidental	6/15/2004
486	Eastern Garter Snake	Custer	Incidental	6/17/2004
500	Eastern Garter Snake	Custer	Incidental	6/18/2004
527	Eastern Garter Snake	Custer	Incidental	6/20/2004
526	Eastern Garter Snake	Custer	Incidental	6/20/2004
523	Eastern Garter Snake	Custer	Incidental	6/20/2004
521	Eastern Garter Snake	Custer	Incidental	6/20/2004
519	Eastern Garter Snake	Custer	Incidental	6/20/2004
520	Eastern Garter Snake	Custer	Incidental	6/20/2004
1699	Eastern Garter Snake	Custer	Visual Encounter	6/20/2004
531	Eastern Garter Snake	Custer	Incidental	6/21/2004
538	Eastern Garter Snake	Custer	Incidental	6/21/2004
565	Eastern Garter Snake	Custer	Incidental	6/22/2004
575	Eastern Garter Snake	Custer	Incidental	6/23/2004
571	Eastern Garter Snake	Custer	Incidental	6/23/2004
862	Eastern Garter Snake	Custer	Incidental	6/28/2004
861	Eastern Garter Snake	Custer	Incidental	6/28/2004
98	Eastern Garter Snake	Fall River	Visual Encounter	6/5/2004
1697	Eastern Garter Snake	Fall River	Visual Encounter	7/9/2004
1696	Eastern Garter Snake	Fall River	Visual Encounter	7/9/2004
886	Eastern Garter Snake	Fall River	Incidental	8/3/2004
621	Eastern Garter Snake	Hutchinson	Incidental	4/26/2004
1695	Eastern Garter Snake	Lawrence	Visual Encounter	7/10/2004
1698	Eastern Garter Snake	Lawrence	Visual Encounter	7/13/2004
1701	Eastern Garter Snake	Lawrence	Visual Encounter	9/10/2004
864	Eastern Garter Snake	Meade	Incidental	
1700	Eastern Garter Snake	Meade	Visual Encounter	7/30/2004
1626	Eastern Garter Snake	Meade	Visual Encounter	9/16/2004
622	Eastern Garter Snake	Minnehaha	Visual Encounter	4/21/2004
1694	Eastern Garter Snake	Pennington	Visual Encounter	7/9/2004
1702	Eastern Garter Snake	Pennington	Visual Encounter	9/19/2004
1477	Eastern Garter Snake	Perkins	Visual Encounter	7/23/2004
1277	Eastern Garter Snake	Tripp	Road Cruising	5/4/2004
1281	Eastern Garter Snake	Tripp	Road Cruising	5/5/2004
1298	Eastern Garter Snake	Tripp	Road Cruising	5/6/2004
1490	Eastern Garter Snake	Tripp	Visual Encounter	7/25/2004
623	Eastern Garter Snake	Yankton	Incidental	4/20/2004
625	Eastern Garter Snake	Yankton	Incidental	4/22/2004
624	Eastern Garter Snake	Yankton	Visual Encounter	4/22/2004
1086	Eastern Gray Treefrog	Roberts	Anuran Calling-Point	6/2/2004
1087	Eastern Gray Treefrog	Roberts	Anuran Calling-Point	6/2/2004
1088	Eastern Gray Treefrog	Roberts	Anuran Calling-Point	6/3/2004

1131	Eastern Gray Treefrog	Roberts	Anuran Calling-Point	6/17/2004
1144	Eastern Gray Treefrog	Union	Anuran Calling-Point	6/28/2004
1141	Eastern Gray Treefrog	Union	Anuran Calling-Point	6/29/2004
1142	Eastern Gray Treefrog	Union	Anuran Calling-Point	6/29/2004
634	Eastern Hognose Snake	Yankton	Incidental	4/28/2004
39	Eastern Yellow-belly Racer	Bennett	Road Cruising	6/30/2004
47	Eastern Yellow-belly Racer	Bennett	Road Cruising	7/1/2004
44	Eastern Yellow-belly Racer	Bennett	Road Cruising	7/1/2004
1455	Eastern Yellow-belly Racer	Bennett	Road Cruising	7/10/2004
855	Eastern Yellow-belly Racer	Butte	Incidental	
635	Eastern Yellow-belly Racer	Charles Mix	Visual Encounter	4/24/2004
636	Eastern Yellow-belly Racer	Charles Mix	Visual Encounter	4/25/2004
637	Eastern Yellow-belly Racer	Clay	Incidental	4/19/2004
638	Eastern Yellow-belly Racer	Clay	Incidental	4/20/2004
639	Eastern Yellow-belly Racer	Clay	Visual Encounter	4/23/2004
238	Eastern Yellow-belly Racer	Custer	Incidental	5/26/2004
237	Eastern Yellow-belly Racer	Custer	Incidental	5/26/2004
236	Eastern Yellow-belly Racer	Custer	Incidental	5/26/2004
245	Eastern Yellow-belly Racer	Custer	Incidental	5/27/2004
263	Eastern Yellow-belly Racer	Custer	Incidental	5/28/2004
269	Eastern Yellow-belly Racer	Custer	Incidental	5/28/2004
265	Eastern Yellow-belly Racer	Custer	Incidental	5/28/2004
257	Eastern Yellow-belly Racer	Custer	Incidental	5/28/2004
281	Eastern Yellow-belly Racer	Custer	Incidental	5/29/2004
280	Eastern Yellow-belly Racer	Custer	Incidental	5/29/2004
279	Eastern Yellow-belly Racer	Custer	Incidental	5/29/2004
311	Eastern Yellow-belly Racer	Custer	Incidental	6/1/2004
335	Eastern Yellow-belly Racer	Custer	Incidental	6/3/2004
343	Eastern Yellow-belly Racer	Custer	Incidental	6/4/2004
342	Eastern Yellow-belly Racer	Custer	Incidental	6/4/2004
359	Eastern Yellow-belly Racer	Custer	Incidental	6/5/2004
374	Eastern Yellow-belly Racer	Custer	Incidental	6/7/2004
382	Eastern Yellow-belly Racer	Custer	Incidental	6/8/2004
381	Eastern Yellow-belly Racer	Custer	Incidental	6/8/2004
380	Eastern Yellow-belly Racer	Custer	Incidental	6/8/2004
379	Eastern Yellow-belly Racer	Custer	Incidental	6/8/2004
378	Eastern Yellow-belly Racer	Custer	Incidental	6/8/2004
389	Eastern Yellow-belly Racer	Custer	Incidental	6/9/2004
441	Eastern Yellow-belly Racer	Custer	Incidental	6/13/2004
438	Eastern Yellow-belly Racer	Custer	Incidental	6/13/2004
437	Eastern Yellow-belly Racer	Custer	Incidental	6/13/2004
456	Eastern Yellow-belly Racer	Custer	Incidental	6/15/2004
455	Eastern Yellow-belly Racer	Custer	Incidental	6/15/2004
454	Eastern Yellow-belly Racer	Custer	Incidental	6/15/2004
453	Eastern Yellow-belly Racer	Custer	Incidental	6/15/2004
485	Eastern Yellow-belly Racer	Custer	Incidental	6/17/2004
495	Eastern Yellow-belly Racer	Custer	Incidental	6/17/2004
488	Eastern Yellow-belly Racer	Custer	Incidental	6/17/2004
489	Eastern Yellow-belly Racer	Custer	Incidental	6/17/2004
491	Eastern Yellow-belly Racer	Custer	Incidental	6/17/2004
492	Eastern Yellow-belly Racer	Custer	Incidental	6/17/2004
498	Eastern Yellow-belly Racer	Custer	Incidental	6/18/2004

515	Eastern Yellow-belly Racer	Custer	Incidental	6/20/2004
873	Eastern Yellow-belly Racer	Custer	Incidental	6/20/2004
876	Eastern Yellow-belly Racer	Custer	Incidental	7/7/2004
1704	Eastern Yellow-belly Racer	Custer	Visual Encounter	7/8/2004
875	Eastern Yellow-belly Racer	Custer	Incidental	7/27/2004
1705	Eastern Yellow-belly Racer	Custer	Visual Encounter	9/11/2004
65	Eastern Yellow-belly Racer	Fall River	Visual Encounter	5/5/2004
71	Eastern Yellow-belly Racer	Fall River	Visual Encounter	5/14/2004
73	Eastern Yellow-belly Racer	Fall River	Visual Encounter	5/21/2004
27	Eastern Yellow-belly Racer	Fall River	Road Cruising	5/26/2004
86	Eastern Yellow-belly Racer	Fall River	Visual Encounter	5/30/2004
113	Eastern Yellow-belly Racer	Fall River	Visual Encounter	6/14/2004
35	Eastern Yellow-belly Racer	Fall River	Road Cruising	6/21/2004
127	Eastern Yellow-belly Racer	Fall River	Visual Encounter	6/23/2004
130	Eastern Yellow-belly Racer	Fall River	Visual Encounter	6/26/2004
248	Eastern Yellow-belly Racer	Fall River	Visual Encounter	6/26/2004
132	Eastern Yellow-belly Racer	Fall River	Visual Encounter	6/28/2004
865	Eastern Yellow-belly Racer	Fall River	Incidental	7/9/2004
1321	Eastern Yellow-belly Racer	Harding	Road Cruising	5/26/2004
1324	Eastern Yellow-belly Racer	Harding	Road Cruising	5/26/2004
1409	Eastern Yellow-belly Racer	Harding	Road Cruising	6/30/2004
1408	Eastern Yellow-belly Racer	Harding	Road Cruising	6/30/2004
1417	Eastern Yellow-belly Racer	Harding	Road Cruising	7/1/2004
1419	Eastern Yellow-belly Racer	Harding	Visual Encounter	7/1/2004
796	Eastern Yellow-belly Racer	Harding	Visual Encounter	9/16/2004
831	Eastern Yellow-belly Racer	Harding	Road Cruising	9/17/2004
834	Eastern Yellow-belly Racer	Harding	Road Cruising	9/18/2004
836	Eastern Yellow-belly Racer	Harding	Road Cruising	9/18/2004
839	Eastern Yellow-belly Racer	Harding	Road Cruising	9/18/2004
807	Eastern Yellow-belly Racer	Harding	Visual Encounter	9/28/2004
841	Eastern Yellow-belly Racer	Harding	Road Cruising	9/28/2004
846	Eastern Yellow-belly Racer	Lawrence	Incidental	6/22/2004
872	Eastern Yellow-belly Racer	Lawrence	Incidental	7/16/2004
895	Eastern Yellow-belly Racer	Lawrence	Incidental	9/26/2004
942	Eastern Yellow-belly Racer	Lyman	Visual Encounter	5/25/2004
946	Eastern Yellow-belly Racer	Lyman	Visual Encounter	5/27/2004
847	Eastern Yellow-belly Racer	Meade	Incidental	6/29/2004
52	Eastern Yellow-belly Racer	Mellette	Road Cruising	7/7/2004
1703	Eastern Yellow-belly Racer	Pennington	Visual Encounter	7/9/2004
1706	Eastern Yellow-belly Racer	Pennington	Visual Encounter	7/28/2004
146	Eastern Yellow-belly Racer	Pennington	Visual Encounter	8/24/2004
1025	Eastern Yellow-belly Racer	Perkins	Incidental	
1023	Eastern Yellow-belly Racer	Perkins	Incidental	
1024	Eastern Yellow-belly Racer	Perkins	Incidental	
1334	Eastern Yellow-belly Racer	Perkins	Visual Encounter	5/27/2004
1382	Eastern Yellow-belly Racer	Perkins	Visual Encounter	6/29/2004
1377	Eastern Yellow-belly Racer	Perkins	Visual Encounter	6/29/2004
1400	Eastern Yellow-belly Racer	Perkins	Visual Encounter	6/30/2004
1570	Eastern Yellow-belly Racer	Perkins	Visual Encounter	8/23/2004
1597	Eastern Yellow-belly Racer	Perkins	Visual Encounter	8/25/2004
1594	Eastern Yellow-belly Racer	Perkins	Visual Encounter	8/25/2004
75	Eastern Yellow-belly Racer	Shannon	Visual Encounter	5/23/2004

112	Eastern Yellow-belly Racer	Shannon	Visual Encounter	6/11/2004
115	Eastern Yellow-belly Racer	Shannon	Visual Encounter	6/14/2004
119	Eastern Yellow-belly Racer	Shannon	Visual Encounter	6/15/2004
49	Eastern Yellow-belly Racer	Shannon	Road Cruising	7/1/2004
151	Eastern Yellow-belly Racer	Shannon	Visual Encounter	9/10/2004
62	Eastern Yellow-belly Racer	Shannon	Road Cruising	9/16/2004
1614	Eastern Yellow-belly Racer	Shannon	Road Cruising	9/16/2004
64	Eastern Yellow-belly Racer	Shannon	Road Cruising	10/28/2004
1355	Eastern Yellow-belly Racer	Todd	Visual Encounter	6/14/2004
1276	Eastern Yellow-belly Racer	Tripp	Road Cruising	5/4/2004
1278	Eastern Yellow-belly Racer	Tripp	Road Cruising	5/4/2004
1279	Eastern Yellow-belly Racer	Tripp	Road Cruising	5/4/2004
1285	Eastern Yellow-belly Racer	Tripp	Road Cruising	5/5/2004
1284	Eastern Yellow-belly Racer	Tripp	Road Cruising	5/5/2004
1299	Eastern Yellow-belly Racer	Tripp	Road Cruising	5/6/2004
1300	Eastern Yellow-belly Racer	Tripp	Road Cruising	5/6/2004
1350	Eastern Yellow-belly Racer	Tripp	Visual Encounter	6/14/2004
1372	Eastern Yellow-belly Racer	Tripp	Visual Encounter	6/16/2004
641	Eastern Yellow-belly Racer	Yankton	Incidental	4/20/2004
640	Eastern Yellow-belly Racer	Yankton	Incidental	4/20/2004
642	Eastern Yellow-belly Racer	Yankton	Visual Encounter	4/22/2004
1304	Eastern Yellow-belly Racer	Ziebach	Road Cruising	5/25/2004
583	False-map Turtle	Gregory	Incidental	4/24/2004
584	False-map Turtle	Yankton	Incidental	4/28/2004
645	Fox Snake	Bon Homme	Visual Encounter	4/28/2004
646	Fox Snake	Bon Homme	Visual Encounter	4/29/2004
647	Fox Snake	Charles Mix	Incidental	4/24/2004
648	Fox Snake	Clay	Incidental	4/20/2004
649	Fox Snake	Clay	Visual Encounter	4/23/2004
1196	Fox Snake	Minnehaha	Incidental	
1197	Fox Snake	Minnehaha	Incidental	
1198	Fox Snake	Minnehaha	Incidental	
1201	Fox Snake	Minnehaha	Incidental	
1199	Fox Snake	Minnehaha	Incidental	
1200	Fox Snake	Minnehaha	Incidental	
650	Fox Snake	Yankton	Incidental	4/20/2004
651	Fox Snake	Yankton	Visual Encounter	4/22/2004
652	Fox Snake	Yankton	Visual Encounter	4/28/2004
36	Gopher Snake (Bull Snake)	Bennett	Road Cruising	6/30/2004
37	Gopher Snake (Bull Snake)	Bennett	Road Cruising	6/30/2004
46	Gopher Snake (Bull Snake)	Bennett	Road Cruising	7/1/2004
1460	Gopher Snake (Bull Snake)	Bennett	Road Cruising	7/10/2004
1454	Gopher Snake (Bull Snake)	Bennett	Road Cruising	7/10/2004
1610	Gopher Snake (Bull Snake)	Bennett	Visual Encounter	8/26/2004
851	Gopher Snake (Bull Snake)	Butte	Incidental	
863	Gopher Snake (Bull Snake)	Butte	Incidental	6/9/2004
1520	Gopher Snake (Bull Snake)	Butte	Road Cruising	8/3/2004
249	Gopher Snake (Bull Snake)	Custer	Incidental	5/27/2004
240	Gopher Snake (Bull Snake)	Custer	Incidental	5/27/2004
244	Gopher Snake (Bull Snake)	Custer	Incidental	5/27/2004
251	Gopher Snake (Bull Snake)	Custer	Incidental	5/28/2004
313	Gopher Snake (Bull Snake)	Custer	Incidental	6/1/2004

310	Gopher Snake (Bull Snake)	Custer	Incidental	6/1/2004
322	Gopher Snake (Bull Snake)	Custer	Incidental	6/2/2004
30	Gopher Snake (Bull Snake)	Custer	Road Cruising	6/4/2004
32	Gopher Snake (Bull Snake)	Custer	Road Cruising	6/4/2004
362	Gopher Snake (Bull Snake)	Custer	Incidental	6/5/2004
493	Gopher Snake (Bull Snake)	Custer	Incidental	6/17/2004
1707	Gopher Snake (Bull Snake)	Custer	Visual Encounter	6/28/2004
1247	Gopher Snake (Bull Snake)	Dewey	Visual Encounter	4/24/2004
1303	Gopher Snake (Bull Snake)	Dewey	Road Cruising	5/24/2004
1302	Gopher Snake (Bull Snake)	Dewey	Road Cruising	5/24/2004
1581	Gopher Snake (Bull Snake)	Dewey	Road Cruising	8/24/2004
19	Gopher Snake (Bull Snake)	Fall River	Road Cruising	5/4/2004
20	Gopher Snake (Bull Snake)	Fall River	Road Cruising	5/5/2004
21	Gopher Snake (Bull Snake)	Fall River	Road Cruising	5/5/2004
24	Gopher Snake (Bull Snake)	Fall River	Road Cruising	5/5/2004
67	Gopher Snake (Bull Snake)	Fall River	Visual Encounter	5/11/2004
28	Gopher Snake (Bull Snake)	Fall River	Road Cruising	5/26/2004
83	Gopher Snake (Bull Snake)	Fall River	Visual Encounter	5/30/2004
96	Gopher Snake (Bull Snake)	Fall River	Visual Encounter	6/5/2004
97	Gopher Snake (Bull Snake)	Fall River	Visual Encounter	6/5/2004
126	Gopher Snake (Bull Snake)	Fall River	Visual Encounter	6/23/2004
140	Gopher Snake (Bull Snake)	Fall River	Visual Encounter	8/6/2004
58	Gopher Snake (Bull Snake)	Fall River	Road Cruising	8/20/2004
156	Gopher Snake (Bull Snake)	Fall River	Visual Encounter	9/17/2004
1579	Gopher Snake (Bull Snake)	Haakon	Road Cruising	8/24/2004
1640	Gopher Snake (Bull Snake)	Haakon	Visual Encounter	9/17/2004
1317	Gopher Snake (Bull Snake)	Harding	Road Cruising	5/25/2004
1326	Gopher Snake (Bull Snake)	Harding	Road Cruising	5/26/2004
1319	Gopher Snake (Bull Snake)	Harding	Road Cruising	5/26/2004
1320	Gopher Snake (Bull Snake)	Harding	Road Cruising	5/26/2004
1322	Gopher Snake (Bull Snake)	Harding	Road Cruising	5/26/2004
1323	Gopher Snake (Bull Snake)	Harding	Road Cruising	5/26/2004
813	Gopher Snake (Bull Snake)	Harding	Road Cruising	6/14/2004
815	Gopher Snake (Bull Snake)	Harding	Road Cruising	6/14/2004
816	Gopher Snake (Bull Snake)	Harding	Road Cruising	6/14/2004
817	Gopher Snake (Bull Snake)	Harding	Road Cruising	6/14/2004
814	Gopher Snake (Bull Snake)	Harding	Road Cruising	6/14/2004
1413	Gopher Snake (Bull Snake)	Harding	Road Cruising	7/1/2004
1414	Gopher Snake (Bull Snake)	Harding	Road Cruising	7/1/2004
1415	Gopher Snake (Bull Snake)	Harding	Road Cruising	7/1/2004
1420	Gopher Snake (Bull Snake)	Harding	Visual Encounter	7/1/2004
1412	Gopher Snake (Bull Snake)	Harding	Road Cruising	7/1/2004
818	Gopher Snake (Bull Snake)	Harding	Road Cruising	8/3/2004
819	Gopher Snake (Bull Snake)	Harding	Road Cruising	8/3/2004
1526	Gopher Snake (Bull Snake)	Harding	Road Cruising	8/4/2004
828	Gopher Snake (Bull Snake)	Harding	Road Cruising	8/10/2004
792	Gopher Snake (Bull Snake)	Harding	Visual Encounter	9/16/2004
840	Gopher Snake (Bull Snake)	Harding	Road Cruising	9/28/2004
810	Gopher Snake (Bull Snake)	Harding	Visual Encounter	9/28/2004
843	Gopher Snake (Bull Snake)	Harding	Road Cruising	9/29/2004
643	Gopher Snake (Bull Snake)	Hutchinson	Incidental	4/26/2004
869	Gopher Snake (Bull Snake)	Lawrence	Incidental	7/15/2004

889	Gopher Snake (Bull Snake)	Lawrence	Incidental	8/5/2004
945	Gopher Snake (Bull Snake)	Lyman	Visual Encounter	5/27/2004
1573	Gopher Snake (Bull Snake)	Lyman	Road Cruising	8/24/2004
1004	Gopher Snake (Bull Snake)	Lyman	Visual Encounter	10/9/2004
1002	Gopher Snake (Bull Snake)	Lyman	Visual Encounter	10/9/2004
1012	Gopher Snake (Bull Snake)	Lyman	Visual Encounter	10/10/2004
1637	Gopher Snake (Bull Snake)	Meade	Road Cruising	9/16/2004
1625	Gopher Snake (Bull Snake)	Meade	Visual Encounter	9/16/2004
1631	Gopher Snake (Bull Snake)	Meade	Visual Encounter	9/16/2004
53	Gopher Snake (Bull Snake)	Mellette	Road Cruising	7/7/2004
1533	Gopher Snake (Bull Snake)	Pennington	Visual Encounter	8/5/2004
147	Gopher Snake (Bull Snake)	Pennington	Visual Encounter	8/24/2004
1027	Gopher Snake (Bull Snake)	Perkins	Incidental	
1029	Gopher Snake (Bull Snake)	Perkins	Incidental	
1028	Gopher Snake (Bull Snake)	Perkins	Incidental	
1026	Gopher Snake (Bull Snake)	Perkins	Incidental	
1313	Gopher Snake (Bull Snake)	Perkins	Road Cruising	5/25/2004
1336	Gopher Snake (Bull Snake)	Perkins	Visual Encounter	5/27/2004
1338	Gopher Snake (Bull Snake)	Perkins	Road Cruising	5/27/2004
1339	Gopher Snake (Bull Snake)	Perkins	Road Cruising	5/27/2004
1378	Gopher Snake (Bull Snake)	Perkins	Visual Encounter	6/29/2004
1395	Gopher Snake (Bull Snake)	Perkins	Road Cruising	6/29/2004
1398	Gopher Snake (Bull Snake)	Perkins	Road Cruising	6/29/2004
1407	Gopher Snake (Bull Snake)	Perkins	Visual Encounter	6/30/2004
1479	Gopher Snake (Bull Snake)	Perkins	Visual Encounter	7/23/2004
1592	Gopher Snake (Bull Snake)	Perkins	Road Cruising	8/24/2004
1582	Gopher Snake (Bull Snake)	Perkins	Road Cruising	8/24/2004
1584	Gopher Snake (Bull Snake)	Perkins	Road Cruising	8/24/2004
1583	Gopher Snake (Bull Snake)	Perkins	Road Cruising	8/24/2004
1593	Gopher Snake (Bull Snake)	Perkins	Visual Encounter	8/25/2004
844	Gopher Snake (Bull Snake)	Perkins	Road Cruising	9/30/2004
8	Gopher Snake (Bull Snake)	Shannon	Road Cruising	4/27/2004
9	Gopher Snake (Bull Snake)	Shannon	Road Cruising	4/27/2004
10	Gopher Snake (Bull Snake)	Shannon	Road Cruising	4/30/2004
11	Gopher Snake (Bull Snake)	Shannon	Road Cruising	4/30/2004
12	Gopher Snake (Bull Snake)	Shannon	Road Cruising	4/30/2004
13	Gopher Snake (Bull Snake)	Shannon	Road Cruising	4/30/2004
14	Gopher Snake (Bull Snake)	Shannon	Road Cruising	4/30/2004
15	Gopher Snake (Bull Snake)	Shannon	Road Cruising	5/4/2004
16	Gopher Snake (Bull Snake)	Shannon	Road Cruising	5/4/2004
17	Gopher Snake (Bull Snake)	Shannon	Road Cruising	5/4/2004
18	Gopher Snake (Bull Snake)	Shannon	Road Cruising	5/4/2004
22	Gopher Snake (Bull Snake)	Shannon	Road Cruising	5/5/2004
23	Gopher Snake (Bull Snake)	Shannon	Road Cruising	5/5/2004
29	Gopher Snake (Bull Snake)	Shannon	Road Cruising	6/4/2004
108	Gopher Snake (Bull Snake)	Shannon	Visual Encounter	6/10/2004
114	Gopher Snake (Bull Snake)	Shannon	Visual Encounter	6/14/2004
59	Gopher Snake (Bull Snake)	Shannon	Road Cruising	8/20/2004
60	Gopher Snake (Bull Snake)	Shannon	Road Cruising	8/27/2004
1612	Gopher Snake (Bull Snake)	Shannon	Road Cruising	9/16/2004
1611	Gopher Snake (Bull Snake)	Shannon	Road Cruising	9/16/2004
1613	Gopher Snake (Bull Snake)	Shannon	Road Cruising	9/16/2004

983	Gopher Snake (Bull Snake)	Stanley	Visual Encounter	6/30/2004
1577	Gopher Snake (Bull Snake)	Stanley	Road Cruising	8/24/2004
990	Gopher Snake (Bull Snake)	Stanley	Visual Encounter	9/11/2004
995	Gopher Snake (Bull Snake)	Stanley	Visual Encounter	9/28/2004
1008	Gopher Snake (Bull Snake)	Stanley	Visual Encounter	10/10/2004
1343	Gopher Snake (Bull Snake)	Todd	Road Cruising	6/13/2004
1344	Gopher Snake (Bull Snake)	Todd	Road Cruising	6/13/2004
1345	Gopher Snake (Bull Snake)	Todd	Road Cruising	6/13/2004
1362	Gopher Snake (Bull Snake)	Todd	Visual Encounter	6/15/2004
1466	Gopher Snake (Bull Snake)	Todd	Road Cruising	7/12/2004
1545	Gopher Snake (Bull Snake)	Todd	Road Cruising	8/15/2004
1264	Gopher Snake (Bull Snake)	Tripp	Road Cruising	5/3/2004
1265	Gopher Snake (Bull Snake)	Tripp	Road Cruising	5/3/2004
1272	Gopher Snake (Bull Snake)	Tripp	Road Cruising	5/4/2004
1273	Gopher Snake (Bull Snake)	Tripp	Road Cruising	5/4/2004
1280	Gopher Snake (Bull Snake)	Tripp	Road Cruising	5/5/2004
1286	Gopher Snake (Bull Snake)	Tripp	Road Cruising	5/6/2004
1370	Gopher Snake (Bull Snake)	Tripp	Visual Encounter	6/16/2004
1489	Gopher Snake (Bull Snake)	Tripp	Visual Encounter	7/25/2004
1559	Gopher Snake (Bull Snake)	Tripp	Visual Encounter	8/16/2004
1602	Gopher Snake (Bull Snake)	Tripp	Road Cruising	8/26/2004
644	Gopher Snake (Bull Snake)	Yankton	Incidental	4/28/2004
1259	Gopher Snake (Bull Snake)	Ziebach	Visual Encounter	5/1/2004
1580	Gopher Snake (Bull Snake)	Ziebach	Road Cruising	8/24/2004
662	Great Plains Toad	Clay	Road Cruising	4/21/2004
184	Great Plains Toad	Fall River	Anuran Calling-Point	6/22/2004
50	Great Plains Toad	Fall River	Road Cruising	7/4/2004
1435	Great Plains Toad	Harding	Anuran Calling-Route	7/1/2004
1425	Great Plains Toad	Harding	Anuran Calling-Route	7/1/2004
1422	Great Plains Toad	Harding	Anuran Calling-Route	7/1/2004
1448	Great Plains Toad	Harding	Incidental	7/1/2004
1416	Great Plains Toad	Harding	Road Cruising	7/1/2004
1444	Great Plains Toad	Harding	Anuran Calling-Route	7/1/2004
1440	Great Plains Toad	Harding	Anuran Calling-Route	7/1/2004
1438	Great Plains Toad	Harding	Incidental	7/1/2004
1418	Great Plains Toad	Harding	Road Cruising	7/1/2004
1510	Great Plains Toad	Harding	Road Cruising	8/3/2004
1513	Great Plains Toad	Harding	Road Cruising	8/3/2004
1524	Great Plains Toad	Harding	Visual Encounter	8/4/2004
966	Great Plains Toad	Hughes	Anuran Calling-Point	6/8/2004
975	Great Plains Toad	Hughes	Incidental	6/14/2004
203	Great Plains Toad	Pennington	Anuran Calling-Point	7/12/2004
1397	Great Plains Toad	Perkins	Road Cruising	6/29/2004
1396	Great Plains Toad	Perkins	Road Cruising	6/29/2004
919	Great Plains Toad	Stanley	Incidental	5/21/2004
970	Great Plains Toad	Stanley	Anuran Calling-Point	6/8/2004
1283	Great Plains Toad	Tripp	Road Cruising	5/5/2004
1609	Lesser Earless Lizard	Bennett	Visual Encounter	8/26/2004
111	Lesser Earless Lizard	Shannon	Visual Encounter	6/11/2004
121	Lesser Earless Lizard	Shannon	Visual Encounter	6/15/2004
1184	Lined Snake	Minnehaha	Incidental	
1185	Lined Snake	Minnehaha	Incidental	

1183	Lined Snake	Minnehaha	Incidental	
122	Many-lined Skink	Shannon	Visual Encounter	6/15/2004
1486	Many-lined Skink	Tripp	Visual Encounter	7/25/2004
1485	Many-lined Skink	Tripp	Visual Encounter	7/25/2004
653	Milk Snake	Bon Homme	Visual Encounter	4/29/2004
282	Milk Snake	Custer	Incidental	5/29/2004
349	Milk Snake	Custer	Incidental	6/4/2004
384	Milk Snake	Custer	Incidental	6/8/2004
432	Milk Snake	Custer	Incidental	6/13/2004
124	Milk Snake	Fall River	Visual Encounter	6/22/2004
125	Milk Snake	Fall River	Visual Encounter	6/23/2004
128	Milk Snake	Fall River	Visual Encounter	6/25/2004
959	Milk Snake	Lyman	Visual Encounter	9/27/2004
960	Milk Snake	Lyman	Visual Encounter	10/7/2004
1572	Milk Snake	Perkins	Visual Encounter	8/23/2004
214	Milk Snake	Shannon	Visual Encounter	6/23/2003
215	Milk Snake	Shannon	Visual Encounter	7/27/2004
961	Milk Snake	Stanley	Visual Encounter	6/7/2004
674	Northern Cricket Frog	Bon Homme	Visual Encounter	4/28/2004
1132	Northern Cricket Frog	Lincoln	Anuran Calling-Point	6/28/2004
1134	Northern Cricket Frog	Lincoln	Anuran Calling-Point	6/28/2004
1152	Northern Cricket Frog	Lincoln	Anuran Calling-Point	6/30/2004
1154	Northern Cricket Frog	Lincoln	Anuran Calling-Point	6/30/2004
1153	Northern Cricket Frog	Lincoln	Anuran Calling-Point	6/30/2004
1666	Northern Cricket Frog	Union	Incidental	
105	Northern Cricket Frog	Union	Incidental	
675	Northern Cricket Frog	Union	Incidental	4/19/2004
676	Northern Cricket Frog	Union	Visual Encounter	4/21/2004
1145	Northern Cricket Frog	Union	Anuran Calling-Point	6/28/2004
1135	Northern Cricket Frog	Union	Anuran Calling-Point	6/28/2004
1139	Northern Cricket Frog	Union	Anuran Calling-Point	6/28/2004
1136	Northern Cricket Frog	Union	Anuran Calling-Point	6/28/2004
1137	Northern Cricket Frog	Union	Anuran Calling-Point	6/28/2004
1138	Northern Cricket Frog	Union	Anuran Calling-Point	6/28/2004
1146	Northern Cricket Frog	Union	Anuran Calling-Point	6/29/2004
1143	Northern Cricket Frog	Union	Anuran Calling-Point	6/29/2004
1148	Northern Cricket Frog	Union	Anuran Calling-Point	6/29/2004
1147	Northern Cricket Frog	Union	Anuran Calling-Point	6/29/2004
1140	Northern Cricket Frog	Union	Anuran Calling-Point	6/29/2004
1151	Northern Cricket Frog	Union	Anuran Calling-Point	6/30/2004
1149	Northern Cricket Frog	Union	Anuran Calling-Point	6/30/2004
1150	Northern Cricket Frog	Union	Anuran Calling-Point	6/30/2004
168	Northern Leopard Frog	Bennett	Anuran Calling-Point	6/9/2004
191	Northern Leopard Frog	Bennett	Anuran Calling-Point	6/30/2004
1535	Northern Leopard Frog	Bennett	Visual Encounter	8/5/2004
1532	Northern Leopard Frog	Bennett	Visual Encounter	8/5/2004
849	Northern Leopard Frog	Butte	Incidental	
1505	Northern Leopard Frog	Butte	Road Cruising	8/3/2004
1508	Northern Leopard Frog	Butte	Road Cruising	8/3/2004
1519	Northern Leopard Frog	Butte	Road Cruising	8/3/2004
1521	Northern Leopard Frog	Butte	Road Cruising	8/3/2004
721	Northern Leopard Frog	Clay	Incidental	4/19/2004

722	Northern Leopard Frog	Clay	Road Cruising	4/21/2004
723	Northern Leopard Frog	Clay	Road Cruising	4/21/2004
724	Northern Leopard Frog	Clay	Incidental	4/23/2004
725	Northern Leopard Frog	Clay	Anuran Calling-Route	4/23/2004
726	Northern Leopard Frog	Clay	Anuran Calling-Route	4/23/2004
727	Northern Leopard Frog	Clay	Anuran Calling-Route	4/23/2004
728	Northern Leopard Frog	Clay	Anuran Calling-Route	4/23/2004
1252	Northern Leopard Frog	Corson	Visual Encounter	4/25/2004
1601	Northern Leopard Frog	Corson	Visual Encounter	8/25/2004
219	Northern Leopard Frog	Custer	Incidental	5/22/2004
222	Northern Leopard Frog	Custer	Incidental	5/23/2004
229	Northern Leopard Frog	Custer	Incidental	5/25/2004
231	Northern Leopard Frog	Custer	Incidental	5/25/2004
242	Northern Leopard Frog	Custer	Incidental	5/27/2004
253	Northern Leopard Frog	Custer	Incidental	5/28/2004
261	Northern Leopard Frog	Custer	Incidental	5/28/2004
264	Northern Leopard Frog	Custer	Incidental	5/28/2004
266	Northern Leopard Frog	Custer	Incidental	5/28/2004
273	Northern Leopard Frog	Custer	Incidental	5/28/2004
288	Northern Leopard Frog	Custer	Incidental	5/29/2004
290	Northern Leopard Frog	Custer	Incidental	5/31/2004
296	Northern Leopard Frog	Custer	Incidental	5/31/2004
299	Northern Leopard Frog	Custer	Incidental	5/31/2004
305	Northern Leopard Frog	Custer	Incidental	6/1/2004
319	Northern Leopard Frog	Custer	Incidental	6/2/2004
327	Northern Leopard Frog	Custer	Incidental	6/3/2004
332	Northern Leopard Frog	Custer	Incidental	6/3/2004
336	Northern Leopard Frog	Custer	Incidental	6/4/2004
367	Northern Leopard Frog	Custer	Incidental	6/5/2004
366	Northern Leopard Frog	Custer	Incidental	6/5/2004
371	Northern Leopard Frog	Custer	Incidental	6/7/2004
375	Northern Leopard Frog	Custer	Incidental	6/7/2004
388	Northern Leopard Frog	Custer	Incidental	6/8/2004
396	Northern Leopard Frog	Custer	Incidental	6/9/2004
400	Northern Leopard Frog	Custer	Incidental	6/11/2004
420	Northern Leopard Frog	Custer	Incidental	6/12/2004
413	Northern Leopard Frog	Custer	Incidental	6/12/2004
414	Northern Leopard Frog	Custer	Incidental	6/12/2004
417	Northern Leopard Frog	Custer	Incidental	6/12/2004
425	Northern Leopard Frog	Custer	Incidental	6/12/2004
416	Northern Leopard Frog	Custer	Incidental	6/12/2004
448	Northern Leopard Frog	Custer	Incidental	6/14/2004
473	Northern Leopard Frog	Custer	Incidental	6/15/2004
472	Northern Leopard Frog	Custer	Incidental	6/15/2004
458	Northern Leopard Frog	Custer	Incidental	6/15/2004
460	Northern Leopard Frog	Custer	Incidental	6/15/2004
461	Northern Leopard Frog	Custer	Incidental	6/15/2004
462	Northern Leopard Frog	Custer	Incidental	6/15/2004
466	Northern Leopard Frog	Custer	Incidental	6/15/2004
469	Northern Leopard Frog	Custer	Incidental	6/15/2004
501	Northern Leopard Frog	Custer	Incidental	6/18/2004
499	Northern Leopard Frog	Custer	Incidental	6/18/2004

503	Northern Leopard Frog	Custer	Incidental	6/18/2004
513	Northern Leopard Frog	Custer	Incidental	6/19/2004
514	Northern Leopard Frog	Custer	Incidental	6/19/2004
535	Northern Leopard Frog	Custer	Incidental	6/21/2004
547	Northern Leopard Frog	Custer	Incidental	6/21/2004
554	Northern Leopard Frog	Custer	Incidental	6/21/2004
560	Northern Leopard Frog	Custer	Incidental	6/22/2004
561	Northern Leopard Frog	Custer	Incidental	6/22/2004
567	Northern Leopard Frog	Custer	Incidental	6/23/2004
572	Northern Leopard Frog	Custer	Incidental	6/23/2004
188	Northern Leopard Frog	Custer	Anuran Calling-Point	6/27/2004
1716	Northern Leopard Frog	Custer	Visual Encounter	7/14/2004
1624	Northern Leopard Frog	Custer	Visual Encounter	9/16/2004
1619	Northern Leopard Frog	Custer	Visual Encounter	9/16/2004
81	Northern Leopard Frog	Fall River	Visual Encounter	5/30/2004
94	Northern Leopard Frog	Fall River	Visual Encounter	6/3/2004
183	Northern Leopard Frog	Fall River	Anuran Calling-Point	6/22/2004
1719	Northern Leopard Frog	Fall River	Visual Encounter	8/3/2004
1720	Northern Leopard Frog	Fall River	Visual Encounter	8/3/2004
206	Northern Leopard Frog	Fall River	Anuran Calling-Point	8/6/2004
141	Northern Leopard Frog	Fall River	Visual Encounter	8/6/2004
882	Northern Leopard Frog	Fall River	Incidental	9/12/2004
1643	Northern Leopard Frog	Haakon	Visual Encounter	9/17/2004
1644	Northern Leopard Frog	Haakon	Visual Encounter	9/18/2004
729	Northern Leopard Frog	Hanson	Incidental	4/26/2004
783	Northern Leopard Frog	Harding	Visual Encounter	8/9/2204
1449	Northern Leopard Frog	Harding	Incidental	7/1/2004
1452	Northern Leopard Frog	Harding	Visual Encounter	7/2/2004
827	Northern Leopard Frog	Harding	Road Cruising	8/3/2004
826	Northern Leopard Frog	Harding	Road Cruising	8/3/2004
825	Northern Leopard Frog	Harding	Road Cruising	8/3/2004
824	Northern Leopard Frog	Harding	Road Cruising	8/3/2004
823	Northern Leopard Frog	Harding	Road Cruising	8/3/2004
822	Northern Leopard Frog	Harding	Road Cruising	8/3/2004
821	Northern Leopard Frog	Harding	Road Cruising	8/3/2004
790	Northern Leopard Frog	Harding	Visual Encounter	8/9/2004
789	Northern Leopard Frog	Harding	Visual Encounter	8/9/2004
785	Northern Leopard Frog	Harding	Visual Encounter	8/9/2004
794	Northern Leopard Frog	Harding	Visual Encounter	9/16/2004
798	Northern Leopard Frog	Harding	Visual Encounter	9/16/2004
802	Northern Leopard Frog	Harding	Visual Encounter	9/16/2004
806	Northern Leopard Frog	Harding	Visual Encounter	9/17/2004
808	Northern Leopard Frog	Harding	Visual Encounter	9/28/2004
1016	Northern Leopard Frog	Hughes	Anuran Calling-Point	5/16/2004
914	Northern Leopard Frog	Hughes	Anuran Calling-Point	5/16/2004
928	Northern Leopard Frog	Hughes	Anuran Calling-Point	5/21/2004
925	Northern Leopard Frog	Hughes	Anuran Calling-Point	5/21/2004
954	Northern Leopard Frog	Hughes	Anuran Calling-Route	5/27/2004
178	Northern Leopard Frog	Jackson	Anuran Calling-Point	6/16/2004
180	Northern Leopard Frog	Jackson	Anuran Calling-Point	6/17/2004
182	Northern Leopard Frog	Jackson	Anuran Calling-Point	6/17/2004
1710	Northern Leopard Frog	Lawrence	Visual Encounter	6/22/2004

1709	Northern Leopard Frog	Lawrence	Visual Encounter	6/29/2004
1714	Northern Leopard Frog	Lawrence	Visual Encounter	7/10/2004
1715	Northern Leopard Frog	Lawrence	Visual Encounter	7/13/2004
1717	Northern Leopard Frog	Lawrence	Visual Encounter	7/15/2004
1721	Northern Leopard Frog	Lawrence	Visual Encounter	9/10/2004
1567	Northern Leopard Frog	Lyman	Visual Encounter	8/16/2004
731	Northern Leopard Frog	Mccook	Visual Encounter	4/21/2004
730	Northern Leopard Frog	Mccook	Visual Encounter	4/21/2004
1629	Northern Leopard Frog	Meade	Visual Encounter	9/16/2004
194	Northern Leopard Frog	Mellette	Anuran Calling-Point	7/1/2004
198	Northern Leopard Frog	Mellette	Anuran Calling-Point	7/7/2004
1708	Northern Leopard Frog	Pennington	Visual Encounter	6/15/2004
201	Northern Leopard Frog	Pennington	Anuran Calling-Point	7/9/2004
1713	Northern Leopard Frog	Pennington	Visual Encounter	7/9/2004
202	Northern Leopard Frog	Pennington	Anuran Calling-Point	7/12/2004
204	Northern Leopard Frog	Pennington	Anuran Calling-Point	7/13/2004
205	Northern Leopard Frog	Pennington	Anuran Calling-Point	7/13/2004
1711	Northern Leopard Frog	Pennington	Visual Encounter	7/27/2004
1712	Northern Leopard Frog	Pennington	Visual Encounter	7/29/2004
1718	Northern Leopard Frog	Pennington	Visual Encounter	7/30/2004
1534	Northern Leopard Frog	Pennington	Visual Encounter	8/5/2004
207	Northern Leopard Frog	Pennington	Anuran Calling-Point	8/10/2004
144	Northern Leopard Frog	Pennington	Visual Encounter	8/11/2004
1723	Northern Leopard Frog	Pennington	Visual Encounter	9/19/2004
1722	Northern Leopard Frog	Pennington	Visual Encounter	9/19/2004
1307	Northern Leopard Frog	Perkins	Visual Encounter	5/25/2004
1309	Northern Leopard Frog	Perkins	Visual Encounter	5/25/2004
1312	Northern Leopard Frog	Perkins	Visual Encounter	5/25/2004
1330	Northern Leopard Frog	Perkins	Visual Encounter	5/26/2004
1385	Northern Leopard Frog	Perkins	Visual Encounter	6/29/2004
1390	Northern Leopard Frog	Perkins	Visual Encounter	6/29/2004
1386	Northern Leopard Frog	Perkins	Visual Encounter	6/29/2004
1402	Northern Leopard Frog	Perkins	Visual Encounter	6/30/2004
1405	Northern Leopard Frog	Perkins	Visual Encounter	6/30/2004
1471	Northern Leopard Frog	Perkins	Visual Encounter	7/21/2004
1472	Northern Leopard Frog	Perkins	Visual Encounter	7/22/2004
1480	Northern Leopard Frog	Perkins	Visual Encounter	7/23/2004
1476	Northern Leopard Frog	Perkins	Visual Encounter	7/23/2004
1589	Northern Leopard Frog	Perkins	Visual Encounter	8/24/2004
784	Northern Leopard Frog	Perkins	Visual Encounter	9/29/2004
811	Northern Leopard Frog	Perkins	Visual Encounter	9/29/2004
812	Northern Leopard Frog	Perkins	Visual Encounter	9/30/2004
1070	Northern Leopard Frog	Roberts	Anuran Calling-Point	4/15/2004
171	Northern Leopard Frog	Shannon	Anuran Calling-Point	6/14/2004
175	Northern Leopard Frog	Shannon	Anuran Calling-Point	6/15/2004
1618	Northern Leopard Frog	Shannon	Visual Encounter	9/16/2004
1617	Northern Leopard Frog	Shannon	Visual Encounter	9/16/2004
1616	Northern Leopard Frog	Shannon	Visual Encounter	9/16/2004
902	Northern Leopard Frog	Stanley	Anuran Calling-Point	4/7/2004
921	Northern Leopard Frog	Stanley	Anuran Calling-Point	5/21/2004
1347	Northern Leopard Frog	Todd	Visual Encounter	6/13/2004
1353	Northern Leopard Frog	Todd	Visual Encounter	6/14/2004

1360	Northern Leopard Frog	Todd	Visual Encounter	6/15/2004
1367	Northern Leopard Frog	Todd	Visual Encounter	6/16/2004
1292	Northern Leopard Frog	Tripp	Road Cruising	5/6/2004
1289	Northern Leopard Frog	Tripp	Road Cruising	5/6/2004
1560	Northern Leopard Frog	Tripp	Visual Encounter	8/16/2004
1565	Northern Leopard Frog	Tripp	Visual Encounter	8/16/2004
732	Northern Leopard Frog	Turner	Incidental	4/21/2004
733	Northern Leopard Frog	Turner	Incidental	4/22/2004
734	Northern Leopard Frog	Turner	Incidental	4/22/2004
735	Northern Leopard Frog	Union	Visual Encounter	4/21/2004
736	Northern Leopard Frog	Union	Incidental	4/29/2004
738	Northern Leopard Frog	Yankton	Incidental	4/20/2004
739	Northern Leopard Frog	Yankton	Incidental	4/20/2004
740	Northern Leopard Frog	Yankton	Visual Encounter	4/28/2004
741	Northern Leopard Frog	Yankton	Incidental	4/28/2004
1258	Northern Leopard Frog	Ziebach	Visual Encounter	5/1/2004
1263	Northern Leopard Frog	Ziebach	Visual Encounter	5/2/2004
1651	Northern Leopard Frog	Ziebach	Visual Encounter	9/19/2004
1539	Northern Prairie Lizard	Bennett	Visual Encounter	8/14/2004
1540	Northern Prairie Lizard	Bennett	Visual Encounter	8/14/2004
1556	Northern Prairie Lizard	Bennett	Visual Encounter	8/15/2004
1569	Northern Prairie Lizard	Bennett	Visual Encounter	8/18/2004
1604	Northern Prairie Lizard	Bennett	Visual Encounter	8/26/2004
1605	Northern Prairie Lizard	Bennett	Visual Encounter	8/26/2004
1606	Northern Prairie Lizard	Bennett	Pitfall Trap	8/26/2004
216	Northern Prairie Lizard	Shannon	Visual Encounter	6/16/2003
110	Northern Prairie Lizard	Shannon	Visual Encounter	6/11/2004
210	Northern Prairie Lizard	Shannon	Visual Encounter	6/11/2004
213	Northern Prairie Lizard	Shannon	Visual Encounter	6/15/2004
120	Northern Prairie Lizard	Shannon	Visual Encounter	6/15/2004
212	Northern Prairie Lizard	Shannon	Visual Encounter	6/15/2004
211	Northern Prairie Lizard	Shannon	Visual Encounter	6/15/2004
1550	Northern Prairie Lizard	Todd	Visual Encounter	8/15/2004
606	Northern Prairie Skink	Bon Homme	Visual Encounter	4/29/2004
1683	Northern Prairie Skink	Brookings	Incidental	
607	Northern Prairie Skink	Charles Mix	Incidental	4/24/2004
608	Northern Prairie Skink	Clay	Visual Encounter	4/23/2004
609	Northern Prairie Skink	Clay	Visual Encounter	4/24/2004
610	Northern Prairie Skink	Hutchinson	Incidental	4/27/2004
1689	Northern Prairie Skink	Lincoln	Incidental	
1688	Northern Prairie Skink	Lincoln	Incidental	
1687	Northern Prairie Skink	Lincoln	Incidental	
1690	Northern Prairie Skink	Lincoln	Incidental	
1679	Northern Prairie Skink	Marshall	Incidental	
1667	Northern Prairie Skink	Marshall	Incidental	
611	Northern Prairie Skink	Mccook	Visual Encounter	4/21/2004
612	Northern Prairie Skink	Mccook	Visual Encounter	4/21/2004
1686	Northern Prairie Skink	Minnehaha	Incidental	
1685	Northern Prairie Skink	Minnehaha	Incidental	
1684	Northern Prairie Skink	Minnehaha	Incidental	
1682	Northern Prairie Skink	Roberts	Incidental	
1681	Northern Prairie Skink	Roberts	Incidental	

1680	Northern Prairie Skink	Roberts	Incidental	
613	Northern Prairie Skink	Turner	Visual Encounter	4/21/2004
615	Northern Prairie Skink	Turner	Visual Encounter	4/22/2004
614	Northern Prairie Skink	Turner	Visual Encounter	4/22/2004
1213	Northern Redbelly Snake	Brookings	Incidental	
1216	Northern Redbelly Snake	Brookings	Incidental	
1220	Northern Redbelly Snake	Brookings	Incidental	
101	Northern Redbelly Snake	Brookings	Incidental	
1214	Northern Redbelly Snake	Brookings	Incidental	
1219	Northern Redbelly Snake	Brookings	Incidental	
1218	Northern Redbelly Snake	Brookings	Incidental	
1217	Northern Redbelly Snake	Brookings	Incidental	
1215	Northern Redbelly Snake	Brookings	Incidental	
1224	Northern Redbelly Snake	Day	Incidental	
1223	Northern Redbelly Snake	Grant	Incidental	
1221	Northern Redbelly Snake	Grant	Incidental	
1222	Northern Redbelly Snake	Grant	Incidental	
1242	Northern Redbelly Snake	Marshall	Incidental	
1240	Northern Redbelly Snake	Marshall	Incidental	
1239	Northern Redbelly Snake	Marshall	Incidental	
1241	Northern Redbelly Snake	Marshall	Incidental	
1210	Northern Redbelly Snake	Minnehaha	Incidental	
1211	Northern Redbelly Snake	Minnehaha	Incidental	
1212	Northern Redbelly Snake	Minnehaha	Incidental	
1207	Northern Redbelly Snake	Minnehaha	Incidental	
1202	Northern Redbelly Snake	Minnehaha	Incidental	
1203	Northern Redbelly Snake	Minnehaha	Incidental	
1204	Northern Redbelly Snake	Minnehaha	Incidental	
1205	Northern Redbelly Snake	Minnehaha	Incidental	
1208	Northern Redbelly Snake	Minnehaha	Incidental	
1209	Northern Redbelly Snake	Minnehaha	Incidental	
1206	Northern Redbelly Snake	Minnehaha	Incidental	
1235	Northern Redbelly Snake	Roberts	Incidental	
1234	Northern Redbelly Snake	Roberts	Incidental	
1233	Northern Redbelly Snake	Roberts	Incidental	
1232	Northern Redbelly Snake	Roberts	Incidental	
1237	Northern Redbelly Snake	Roberts	Incidental	
1238	Northern Redbelly Snake	Roberts	Incidental	
1236	Northern Redbelly Snake	Roberts	Incidental	
1231	Northern Redbelly Snake	Roberts	Incidental	
1230	Northern Redbelly Snake	Roberts	Incidental	
1229	Northern Redbelly Snake	Roberts	Incidental	
1228	Northern Redbelly Snake	Roberts	Incidental	
1227	Northern Redbelly Snake	Roberts	Incidental	
1226	Northern Redbelly Snake	Roberts	Incidental	
1225	Northern Redbelly Snake	Roberts	Incidental	
1457	Ornate Box Turtle	Bennett	Road Cruising	7/10/2004
1538	Ornate Box Turtle	Bennett	Visual Encounter	8/14/2004
1607	Ornate Box Turtle	Bennett	Pitfall Trap	8/26/2004
42	Plains Garter Snake	Bennett	Road Cruising	6/30/2004
40	Plains Garter Snake	Bennett	Road Cruising	6/30/2004
45	Plains Garter Snake	Bennett	Road Cruising	7/1/2004

1464	Plains Garter Snake	Bennett	Road Cruising	7/11/2004
1536	Plains Garter Snake	Bennett	Visual Encounter	8/5/2004
848	Plains Garter Snake	Butte	Incidental	
1516	Plains Garter Snake	Butte	Road Cruising	8/3/2004
1503	Plains Garter Snake	Butte	Road Cruising	8/3/2004
1528	Plains Garter Snake	Butte	Visual Encounter	8/4/2004
1250	Plains Garter Snake	Corson	Visual Encounter	4/25/2004
1599	Plains Garter Snake	Corson	Visual Encounter	8/25/2004
267	Plains Garter Snake	Custer	Incidental	5/28/2004
346	Plains Garter Snake	Custer	Incidental	6/4/2004
348	Plains Garter Snake	Custer	Incidental	6/4/2004
372	Plains Garter Snake	Custer	Incidental	6/7/2004
893	Plains Garter Snake	Custer	Incidental	7/20/2004
1621	Plains Garter Snake	Custer	Visual Encounter	9/16/2004
1243	Plains Garter Snake	Dewey	Visual Encounter	4/23/2004
1248	Plains Garter Snake	Dewey	Visual Encounter	4/24/2004
131	Plains Garter Snake	Fall River	Visual Encounter	6/26/2004
136	Plains Garter Snake	Fall River	Visual Encounter	7/10/2004
56	Plains Garter Snake	Fall River	Road Cruising	8/7/2004
1333	Plains Garter Snake	Haakon	Road Cruising	5/26/2004
1641	Plains Garter Snake	Haakon	Visual Encounter	9/17/2004
1639	Plains Garter Snake	Haakon	Visual Encounter	9/17/2004
1638	Plains Garter Snake	Haakon	Visual Encounter	9/17/2004
1327	Plains Garter Snake	Harding	Road Cruising	5/26/2004
778	Plains Garter Snake	Harding	Visual Encounter	6/14/2004
1410	Plains Garter Snake	Harding	Road Cruising	6/30/2004
1501	Plains Garter Snake	Harding	Road Cruising	8/3/2004
1500	Plains Garter Snake	Harding	Road Cruising	8/3/2004
1514	Plains Garter Snake	Harding	Road Cruising	8/3/2004
1512	Plains Garter Snake	Harding	Road Cruising	8/3/2004
1525	Plains Garter Snake	Harding	Road Cruising	8/4/2004
795	Plains Garter Snake	Harding	Visual Encounter	9/16/2004
837	Plains Garter Snake	Harding	Road Cruising	9/18/2004
838	Plains Garter Snake	Harding	Road Cruising	9/18/2004
842	Plains Garter Snake	Harding	Road Cruising	9/28/2004
1724	Plains Garter Snake	Lawrence	Visual Encounter	6/23/2004
890	Plains Garter Snake	Lawrence	Incidental	8/5/2004
943	Plains Garter Snake	Lyman	Visual Encounter	5/27/2004
957	Plains Garter Snake	Lyman	Visual Encounter	5/28/2004
1633	Plains Garter Snake	Meade	Visual Encounter	9/16/2004
1636	Plains Garter Snake	Meade	Road Cruising	9/16/2004
626	Plains Garter Snake	Minnehaha	Visual Encounter	4/21/2004
145	Plains Garter Snake	Pennington	Visual Encounter	8/11/2004
1308	Plains Garter Snake	Perkins	Visual Encounter	5/25/2004
1329	Plains Garter Snake	Perkins	Visual Encounter	5/26/2004
1335	Plains Garter Snake	Perkins	Visual Encounter	5/27/2004
1380	Plains Garter Snake	Perkins	Visual Encounter	6/29/2004
1406	Plains Garter Snake	Perkins	Visual Encounter	6/30/2004
1403	Plains Garter Snake	Perkins	Visual Encounter	6/30/2004
1591	Plains Garter Snake	Perkins	Road Cruising	8/24/2004
102	Plains Garter Snake	Shannon	Visual Encounter	6/8/2004
117	Plains Garter Snake	Shannon	Visual Encounter	6/14/2004

1578	Plains Garter Snake	Stanley	Road Cruising	8/24/2004
1576	Plains Garter Snake	Stanley	Road Cruising	8/24/2004
1574	Plains Garter Snake	Stanley	Road Cruising	8/24/2004
1363	Plains Garter Snake	Todd	Visual Encounter	6/15/2004
1467	Plains Garter Snake	Todd	Road Cruising	7/12/2004
1468	Plains Garter Snake	Todd	Road Cruising	7/12/2004
1494	Plains Garter Snake	Todd	Visual Encounter	7/25/2004
1493	Plains Garter Snake	Todd	Visual Encounter	7/25/2004
1548	Plains Garter Snake	Todd	Visual Encounter	8/15/2004
1270	Plains Garter Snake	Tripp	Road Cruising	5/3/2004
1266	Plains Garter Snake	Tripp	Road Cruising	5/3/2004
1271	Plains Garter Snake	Tripp	Road Cruising	5/4/2004
1287	Plains Garter Snake	Tripp	Road Cruising	5/6/2004
1349	Plains Garter Snake	Tripp	Visual Encounter	6/14/2004
1351	Plains Garter Snake	Tripp	Visual Encounter	6/14/2004
1483	Plains Garter Snake	Tripp	Visual Encounter	7/25/2004
1488	Plains Garter Snake	Tripp	Visual Encounter	7/25/2004
1256	Plains Garter Snake	Ziebach	Visual Encounter	5/1/2004
742	Plains Leopard Frog	Clay	Incidental	4/19/2004
743	Plains Leopard Frog	Clay	Incidental	4/20/2004
744	Plains Leopard Frog	Clay	Road Cruising	4/21/2004
748	Plains Leopard Frog	Clay	Anuran Calling-Route	4/23/2004
750	Plains Leopard Frog	Clay	Visual Encounter	4/23/2004
749	Plains Leopard Frog	Clay	Anuran Calling-Route	4/23/2004
746	Plains Leopard Frog	Clay	Anuran Calling-Route	4/23/2004
747	Plains Leopard Frog	Clay	Anuran Calling-Route	4/23/2004
745	Plains Leopard Frog	Clay	Visual Encounter	4/23/2004
751	Plains Leopard Frog	Clay	Incidental	4/24/2004
752	Plains Leopard Frog	Mccook	Visual Encounter	4/21/2004
753	Plains Leopard Frog	Turner	Visual Encounter	4/21/2004
754	Plains Leopard Frog	Union	Incidental	4/20/2004
755	Plains Leopard Frog	Union	Visual Encounter	4/21/2004
756	Plains Leopard Frog	Yankton	Incidental	4/28/2004
43	Plains Spadefoot	Bennett	Road Cruising	6/30/2004
896	Plains Spadefoot	Butte	Incidental	6/30/2004
658	Plains Spadefoot	Clay	Road Cruising	4/21/2004
657	Plains Spadefoot	Clay	Road Cruising	4/21/2004
656	Plains Spadefoot	Clay	Road Cruising	4/21/2004
350	Plains Spadefoot	Custer	Incidental	6/4/2004
345	Plains Spadefoot	Custer	Incidental	6/4/2004
398	Plains Spadefoot	Custer	Incidental	6/10/2004
186	Plains Spadefoot	Fall River	Anuran Calling-Point	6/23/2004
1446	Plains Spadefoot	Harding	Anuran Calling-Route	7/1/2004
1443	Plains Spadefoot	Harding	Anuran Calling-Route	7/1/2004
1441	Plains Spadefoot	Harding	Anuran Calling-Route	7/1/2004
1424	Plains Spadefoot	Harding	Anuran Calling-Route	7/1/2004
1439	Plains Spadefoot	Harding	Anuran Calling-Route	7/1/2004
1434	Plains Spadefoot	Harding	Anuran Calling-Route	7/1/2004
974	Plains Spadefoot	Hughes	Anuran Calling-Point	6/14/2004
897	Plains Spadefoot	Lawrence	Incidental	6/2/2004
170	Plains Spadefoot	Shannon	Anuran Calling-Point	6/10/2004
174	Plains Spadefoot	Shannon	Anuran Calling-Point	6/14/2004

971	Plains Spadefoot	Stanley	Anuran Calling-Point	6/8/2004
627	Ringneck Snake	Bon Homme	Visual Encounter	4/28/2004
629	Ringneck Snake	Bon Homme	Visual Encounter	4/29/2004
628	Ringneck Snake	Bon Homme	Incidental	4/29/2004
630	Ringneck Snake	Charles Mix	Visual Encounter	4/24/2004
632	Ringneck Snake	Charles Mix	Visual Encounter	4/25/2004
631	Ringneck Snake	Charles Mix	Visual Encounter	4/25/2004
1195	Ringneck Snake	Minnehaha	Incidental	
1193	Ringneck Snake	Minnehaha	Incidental	
1194	Ringneck Snake	Minnehaha	Incidental	
633	Ringneck Snake	Yankton	Visual Encounter	4/29/2004
1725	Sagebrush Lizard	Custer	Visual Encounter	7/26/2004
1726	Sagebrush Lizard	Custer	Visual Encounter	7/26/2004
78	Short-horned Lizard	Fall River	Visual Encounter	5/28/2004
1557	Six-lined Racerunner	Bennett	Visual Encounter	8/15/2004
1608	Six-lined Racerunner	Bennett	Visual Encounter	8/26/2004
69	Six-lined Racerunner	Fall River	Visual Encounter	5/11/2004
84	Six-lined Racerunner	Fall River	Visual Encounter	5/30/2004
88	Six-lined Racerunner	Fall River	Visual Encounter	5/31/2004
87	Six-lined Racerunner	Fall River	Visual Encounter	5/31/2004
89	Six-lined Racerunner	Fall River	Visual Encounter	5/31/2004
92	Six-lined Racerunner	Fall River	Visual Encounter	6/3/2004
209	Six-lined Racerunner	Fall River	Visual Encounter	6/3/2004
155	Six-lined Racerunner	Fall River	Visual Encounter	9/17/2004
1648	Six-lined Racerunner	Haakon	Visual Encounter	9/19/2004
109	Six-lined Racerunner	Shannon	Visual Encounter	6/11/2004
1551	Six-lined Racerunner	Todd	Visual Encounter	8/15/2004
1650	Six-lined Racerunner	Ziebach	Visual Encounter	9/19/2004
239	Smooth Green Snake	Custer	Incidental	5/27/2004
258	Smooth Green Snake	Custer	Incidental	5/28/2004
255	Smooth Green Snake	Custer	Incidental	5/28/2004
276	Smooth Green Snake	Custer	Incidental	5/29/2004
285	Smooth Green Snake	Custer	Incidental	5/29/2004
277	Smooth Green Snake	Custer	Incidental	5/29/2004
308	Smooth Green Snake	Custer	Incidental	6/1/2004
325	Smooth Green Snake	Custer	Incidental	6/3/2004
326	Smooth Green Snake	Custer	Incidental	6/3/2004
331	Smooth Green Snake	Custer	Incidental	6/3/2004
338	Smooth Green Snake	Custer	Incidental	6/4/2004
390	Smooth Green Snake	Custer	Incidental	6/9/2004
402	Smooth Green Snake	Custer	Incidental	6/11/2004
423	Smooth Green Snake	Custer	Incidental	6/12/2004
436	Smooth Green Snake	Custer	Incidental	6/13/2004
435	Smooth Green Snake	Custer	Incidental	6/13/2004
434	Smooth Green Snake	Custer	Incidental	6/13/2004
430	Smooth Green Snake	Custer	Incidental	6/13/2004
429	Smooth Green Snake	Custer	Incidental	6/13/2004
428	Smooth Green Snake	Custer	Incidental	6/13/2004
463	Smooth Green Snake	Custer	Incidental	6/15/2004
477	Smooth Green Snake	Custer	Incidental	6/15/2004
464	Smooth Green Snake	Custer	Incidental	6/15/2004
468	Smooth Green Snake	Custer	Incidental	6/15/2004

511	Smooth Green Snake	Custer	Incidental	6/19/2004
522	Smooth Green Snake	Custer	Incidental	6/20/2004
525	Smooth Green Snake	Custer	Incidental	6/20/2004
529	Smooth Green Snake	Custer	Incidental	6/20/2004
530	Smooth Green Snake	Custer	Incidental	6/20/2004
516	Smooth Green Snake	Custer	Incidental	6/20/2004
528	Smooth Green Snake	Custer	Incidental	6/20/2004
536	Smooth Green Snake	Custer	Incidental	6/21/2004
532	Smooth Green Snake	Custer	Incidental	6/21/2004
533	Smooth Green Snake	Custer	Incidental	6/21/2004
551	Smooth Green Snake	Custer	Incidental	6/21/2004
557	Smooth Green Snake	Custer	Incidental	6/21/2004
556	Smooth Green Snake	Custer	Incidental	6/21/2004
555	Smooth Green Snake	Custer	Incidental	6/21/2004
553	Smooth Green Snake	Custer	Incidental	6/21/2004
546	Smooth Green Snake	Custer	Incidental	6/21/2004
543	Smooth Green Snake	Custer	Incidental	6/21/2004
540	Smooth Green Snake	Custer	Incidental	6/21/2004
539	Smooth Green Snake	Custer	Incidental	6/21/2004
552	Smooth Green Snake	Custer	Incidental	6/21/2004
559	Smooth Green Snake	Custer	Incidental	6/22/2004
558	Smooth Green Snake	Custer	Incidental	6/22/2004
569	Smooth Green Snake	Custer	Incidental	6/23/2004
870	Smooth Green Snake	Lawrence	Incidental	7/16/2004
879	Smooth Green Snake	Lawrence	Incidental	7/29/2004
877	Smooth Green Snake	Lawrence	Incidental	7/30/2004
1186	Smooth Green Snake	Marshall	Incidental	
1188	Smooth Green Snake	Marshall	Incidental	
1187	Smooth Green Snake	Marshall	Incidental	
1678	Smooth Green Snake	Marshall	Incidental	9/3/2004
1192	Smooth Green Snake	Roberts	Incidental	
1191	Smooth Green Snake	Roberts	Incidental	
1189	Smooth Green Snake	Roberts	Incidental	
1190	Smooth Green Snake	Roberts	Incidental	
1157	Smooth Softshell	Lincoln	Incidental	
1155	Smooth Softshell	Lincoln	Incidental	
1156	Smooth Softshell	Lincoln	Incidental	
1160	Smooth Softshell	Union	Incidental	
1158	Smooth Softshell	Union	Incidental	
1159	Smooth Softshell	Union	Incidental	
604	Smooth Softshell	Union	Visual Encounter	4/21/2004
605	Smooth Softshell	Yankton	Incidental	4/28/2004
104	Snapping Turtle	Bennett	Visual Encounter	6/9/2004
134	Snapping Turtle	Bennett	Visual Encounter	6/29/2004
48	Snapping Turtle	Bennett	Road Cruising	7/1/2004
1462	Snapping Turtle	Bennett	Visual Encounter	7/10/2004
1542	Snapping Turtle	Bennett	Visual Encounter	8/14/2004
1554	Snapping Turtle	Bennett	Visual Encounter	8/15/2004
858	Snapping Turtle	Butte	Incidental	
579	Snapping Turtle	Charles Mix	Visual Encounter	4/25/2004
329	Snapping Turtle	Custer	Incidental	6/3/2004
68	Snapping Turtle	Fall River	Visual Encounter	5/11/2004

74	Snapping Turtle	Fall River	Visual Encounter	5/23/2004
1727	Snapping Turtle	Fall River	Visual Encounter	8/3/2004
157	Snapping Turtle	Fall River	Visual Encounter	9/17/2004
580	Snapping Turtle	Gregory	Incidental	4/24/2004
1331	Snapping Turtle	Haakon	Road Cruising	5/26/2004
805	Snapping Turtle	Harding	Visual Encounter	9/17/2004
581	Snapping Turtle	Hutchinson	Incidental	4/26/2004
582	Snapping Turtle	Hutchinson	Incidental	4/27/2004
859	Snapping Turtle	Lawrence	Incidental	
1677	Snapping Turtle	Lyman	Visual Encounter	5/27/2004
1568	Snapping Turtle	Lyman	Visual Encounter	8/16/2004
1728	Snapping Turtle	Pennington	Visual Encounter	7/28/2004
1478	Snapping Turtle	Perkins	Visual Encounter	7/23/2004
1615	Snapping Turtle	Shannon	Visual Encounter	9/16/2004
1356	Snapping Turtle	Todd	Visual Encounter	6/14/2004
1369	Snapping Turtle	Todd	Visual Encounter	6/16/2004
1274	Snapping Turtle	Tripp	Road Cruising	5/4/2004
1491	Snapping Turtle	Tripp	Visual Encounter	7/25/2004
1563	Snapping Turtle	Tripp	Visual Encounter	8/16/2004
1649	Snapping Turtle	Ziebach	Visual Encounter	9/19/2004
1527	Spiny Softshell	Butte	Visual Encounter	8/4/2004
217	Spiny Softshell	Fall River	Visual Encounter	5/23/2003
153	Spiny Softshell	Fall River	Visual Encounter	9/17/2004
1178	Spiny Softshell	Grant	Incidental	
1179	Spiny Softshell	Grant	Incidental	
1182	Spiny Softshell	Grant	Incidental	
1181	Spiny Softshell	Grant	Incidental	
1180	Spiny Softshell	Grant	Incidental	
1161	Spiny Softshell	Lincoln	Incidental	
1163	Spiny Softshell	Lincoln	Incidental	
1164	Spiny Softshell	Lincoln	Incidental	
1166	Spiny Softshell	Lincoln	Incidental	
1165	Spiny Softshell	Lincoln	Incidental	
1167	Spiny Softshell	Lincoln	Incidental	
1168	Spiny Softshell	Lincoln	Incidental	
1169	Spiny Softshell	Lincoln	Incidental	
1170	Spiny Softshell	Lincoln	Incidental	
1162	Spiny Softshell	Lincoln	Incidental	
1177	Spiny Softshell	Minnehaha	Incidental	
1176	Spiny Softshell	Minnehaha	Incidental	
1175	Spiny Softshell	Minnehaha	Incidental	
1348	Spiny Softshell	Todd	Visual Encounter	6/13/2004
1564	Spiny Softshell	Tripp	Visual Encounter	8/16/2004
1172	Spiny Softshell	Union	Incidental	
1173	Spiny Softshell	Union	Incidental	
1171	Spiny Softshell	Union	Incidental	
1174	Spiny Softshell	Union	Incidental	
854	Tiger Salamander	Butte	Incidental	
1497	Tiger Salamander	Butte	Road Cruising	8/3/2004
298	Tiger Salamander	Custer	Incidental	5/31/2004
318	Tiger Salamander	Custer	Incidental	6/2/2004
315	Tiger Salamander	Custer	Incidental	6/2/2004

314	Tiger Salamander	Custer	Incidental	6/2/2004
317	Tiger Salamander	Custer	Incidental	6/2/2004
347	Tiger Salamander	Custer	Incidental	6/4/2004
1730	Tiger Salamander	Custer	Visual Encounter	6/28/2004
868	Tiger Salamander	Custer	Incidental	7/8/2004
1731	Tiger Salamander	Custer	Visual Encounter	7/26/2004
1732	Tiger Salamander	Custer	Visual Encounter	7/27/2004
881	Tiger Salamander	Custer	Incidental	9/11/2004
82	Tiger Salamander	Fall River	Visual Encounter	5/30/2004
777	Tiger Salamander	Harding	Visual Encounter	6/13/2004
779	Tiger Salamander	Harding	Visual Encounter	6/14/2004
1436	Tiger Salamander	Harding	Incidental	7/1/2004
787	Tiger Salamander	Harding	Visual Encounter	8/9/2004
791	Tiger Salamander	Harding	Visual Encounter	9/16/2004
793	Tiger Salamander	Harding	Visual Encounter	9/16/2004
801	Tiger Salamander	Harding	Visual Encounter	9/16/2004
799	Tiger Salamander	Harding	Visual Encounter	9/16/2004
803	Tiger Salamander	Harding	Visual Encounter	9/17/2004
894	Tiger Salamander	Lawrence	Incidental	7/29/2004
984	Tiger Salamander	Lyman	Pitfall Trap	8/10/2004
986	Tiger Salamander	Lyman	Pitfall Trap	8/12/2004
988	Tiger Salamander	Lyman	Pitfall Trap	8/17/2004
654	Tiger Salamander	Mccook	Visual Encounter	4/21/2004
1729	Tiger Salamander	Pennington	Visual Encounter	6/15/2004
860	Tiger Salamander	Pennington	Incidental	6/27/2004
1392	Tiger Salamander	Perkins	Visual Encounter	6/29/2004
1401	Tiger Salamander	Perkins	Visual Encounter	6/30/2004
1571	Tiger Salamander	Perkins	Visual Encounter	8/23/2004
1585	Tiger Salamander	Perkins	Visual Encounter	8/24/2004
655	Tiger Salamander	Turner	Visual Encounter	4/22/2004
852	Western Chorus Frog	Butte	Incidental	
1739	Western Chorus Frog	Butte	Anuran Calling-Point	5/14/2004
1734	Western Chorus Frog	Butte	Anuran Calling-Point	5/14/2004
1735	Western Chorus Frog	Butte	Anuran Calling-Point	5/14/2004
1738	Western Chorus Frog	Butte	Anuran Calling-Point	5/14/2004
1515	Western Chorus Frog	Butte	Road Cruising	8/3/2004
1518	Western Chorus Frog	Butte	Road Cruising	8/3/2004
1517	Western Chorus Frog	Butte	Road Cruising	8/3/2004
1506	Western Chorus Frog	Butte	Road Cruising	8/3/2004
1507	Western Chorus Frog	Butte	Road Cruising	8/3/2004
677	Western Chorus Frog	Charles Mix	Incidental	4/24/2004
679	Western Chorus Frog	Charles Mix	Incidental	4/25/2004
678	Western Chorus Frog	Charles Mix	Incidental	4/25/2004
680	Western Chorus Frog	Clay	Incidental	4/19/2004
681	Western Chorus Frog	Clay	Incidental	4/20/2004
682	Western Chorus Frog	Clay	Incidental	4/20/2004
683	Western Chorus Frog	Clay	Incidental	4/21/2004
684	Western Chorus Frog	Clay	Road Cruising	4/21/2004
691	Western Chorus Frog	Clay	Anuran Calling-Route	4/23/2004
689	Western Chorus Frog	Clay	Anuran Calling-Route	4/23/2004
690	Western Chorus Frog	Clay	Anuran Calling-Route	4/23/2004
692	Western Chorus Frog	Clay	Anuran Calling-Route	4/23/2004

694	Western Chorus Frog	Clay	Anuran Calling-Route	4/23/2004
685	Western Chorus Frog	Clay	Visual Encounter	4/23/2004
686	Western Chorus Frog	Clay	Anuran Calling-Route	4/23/2004
687	Western Chorus Frog	Clay	Anuran Calling-Route	4/23/2004
688	Western Chorus Frog	Clay	Anuran Calling-Route	4/23/2004
693	Western Chorus Frog	Clay	Anuran Calling-Route	4/23/2004
695	Western Chorus Frog	Clay	Incidental	4/23/2004
696	Western Chorus Frog	Clay	Incidental	4/23/2004
697	Western Chorus Frog	Clay	Anuran Calling-Route	4/23/2004
698	Western Chorus Frog	Clay	Incidental	4/24/2004
1249	Western Chorus Frog	Corson	Visual Encounter	4/25/2004
1251	Western Chorus Frog	Corson	Visual Encounter	4/25/2004
160	Western Chorus Frog	Custer	Anuran Calling-Point	4/18/2004
225	Western Chorus Frog	Custer	Incidental	5/24/2004
226	Western Chorus Frog	Custer	Incidental	5/24/2004
227	Western Chorus Frog	Custer	Incidental	5/24/2004
234	Western Chorus Frog	Custer	Incidental	5/25/2004
1741	Western Chorus Frog	Custer	Anuran Calling-Point	5/26/2004
241	Western Chorus Frog	Custer	Incidental	5/27/2004
272	Western Chorus Frog	Custer	Incidental	5/28/2004
295	Western Chorus Frog	Custer	Incidental	5/31/2004
307	Western Chorus Frog	Custer	Incidental	6/1/2004
394	Western Chorus Frog	Custer	Incidental	6/9/2004
867	Western Chorus Frog	Custer	Incidental	7/8/2004
1749	Western Chorus Frog	Custer	Visual Encounter	7/14/2004
1244	Western Chorus Frog	Dewey	Visual Encounter	4/24/2004
1245	Western Chorus Frog	Dewey	Visual Encounter	4/24/2004
1246	Western Chorus Frog	Dewey	Visual Encounter	4/24/2004
161	Western Chorus Frog	Fall River	Anuran Calling-Point	4/27/2004
164	Western Chorus Frog	Fall River	Anuran Calling-Point	5/21/2004
185	Western Chorus Frog	Fall River	Anuran Calling-Point	6/23/2004
149	Western Chorus Frog	Fall River	Visual Encounter	9/9/2004
699	Western Chorus Frog	Gregory	Visual Encounter	4/25/2004
701	Western Chorus Frog	Gregory	Incidental	4/26/2004
700	Western Chorus Frog	Gregory	Incidental	4/26/2004
1642	Western Chorus Frog	Haakon	Visual Encounter	9/17/2004
1646	Western Chorus Frog	Haakon	Visual Encounter	9/18/2004
763	Western Chorus Frog	Harding	Anuran Calling-Route	5/8/2004
762	Western Chorus Frog	Harding	Anuran Calling-Route	5/8/2004
764	Western Chorus Frog	Harding	Anuran Calling-Route	5/8/2004
760	Western Chorus Frog	Harding	Anuran Calling-Route	5/8/2004
761	Western Chorus Frog	Harding	Anuran Calling-Route	5/8/2004
769	Western Chorus Frog	Harding	Anuran Calling-Route	5/10/2004
770	Western Chorus Frog	Harding	Anuran Calling-Route	5/10/2004
772	Western Chorus Frog	Harding	Anuran Calling-Route	5/10/2004
773	Western Chorus Frog	Harding	Anuran Calling-Route	5/10/2004
774	Western Chorus Frog	Harding	Anuran Calling-Route	5/10/2004
765	Western Chorus Frog	Harding	Anuran Calling-Route	5/10/2004
766	Western Chorus Frog	Harding	Anuran Calling-Route	5/10/2004
767	Western Chorus Frog	Harding	Anuran Calling-Route	5/10/2004
768	Western Chorus Frog	Harding	Anuran Calling-Route	5/10/2004
775	Western Chorus Frog	Harding	Anuran Calling-Route	5/10/2004

776	Western Chorus Frog	Harding	Anuran Calling-Route	5/10/2004
1421	Western Chorus Frog	Harding	Anuran Calling-Route	7/1/2004
1427	Western Chorus Frog	Harding	Anuran Calling-Route	7/1/2004
1423	Western Chorus Frog	Harding	Anuran Calling-Route	7/1/2004
1426	Western Chorus Frog	Harding	Anuran Calling-Route	7/1/2004
1450	Western Chorus Frog	Harding	Anuran Calling-Route	7/1/2004
1447	Western Chorus Frog	Harding	Anuran Calling-Route	7/1/2004
1428	Western Chorus Frog	Harding	Anuran Calling-Route	7/1/2004
1431	Western Chorus Frog	Harding	Anuran Calling-Route	7/1/2004
1430	Western Chorus Frog	Harding	Anuran Calling-Route	7/1/2004
1432	Western Chorus Frog	Harding	Anuran Calling-Route	7/1/2004
1433	Western Chorus Frog	Harding	Anuran Calling-Route	7/1/2004
1429	Western Chorus Frog	Harding	Anuran Calling-Route	7/1/2004
1445	Western Chorus Frog	Harding	Anuran Calling-Route	7/1/2004
1442	Western Chorus Frog	Harding	Anuran Calling-Route	7/1/2004
1437	Western Chorus Frog	Harding	Anuran Calling-Route	7/1/2004
1498	Western Chorus Frog	Harding	Road Cruising	8/3/2004
1499	Western Chorus Frog	Harding	Road Cruising	8/3/2004
1509	Western Chorus Frog	Harding	Road Cruising	8/3/2004
1522	Western Chorus Frog	Harding	Visual Encounter	8/4/2004
906	Western Chorus Frog	Hughes	Anuran Calling-Point	5/4/2004
907	Western Chorus Frog	Hughes	Anuran Calling-Point	5/16/2004
913	Western Chorus Frog	Hughes	Anuran Calling-Point	5/16/2004
915	Western Chorus Frog	Hughes	Anuran Calling-Point	5/16/2004
911	Western Chorus Frog	Hughes	Anuran Calling-Point	5/16/2004
910	Western Chorus Frog	Hughes	Anuran Calling-Point	5/16/2004
912	Western Chorus Frog	Hughes	Anuran Calling-Point	5/16/2004
929	Western Chorus Frog	Hughes	Anuran Calling-Point	5/21/2004
926	Western Chorus Frog	Hughes	Anuran Calling-Point	5/21/2004
948	Western Chorus Frog	Hughes	Anuran Calling-Route	5/27/2004
955	Western Chorus Frog	Hughes	Anuran Calling-Route	5/27/2004
951	Western Chorus Frog	Hughes	Anuran Calling-Route	5/27/2004
953	Western Chorus Frog	Hughes	Anuran Calling-Route	5/27/2004
968	Western Chorus Frog	Hughes	Anuran Calling-Point	6/8/2004
965	Western Chorus Frog	Hughes	Anuran Calling-Point	6/8/2004
972	Western Chorus Frog	Hughes	Anuran Calling-Point	6/14/2004
980	Western Chorus Frog	Hughes	Anuran Calling-Point	6/14/2004
976	Western Chorus Frog	Hughes	Anuran Calling-Point	6/14/2004
977	Western Chorus Frog	Hughes	Anuran Calling-Point	6/14/2004
981	Western Chorus Frog	Hughes	Anuran Calling-Point	6/14/2004
978	Western Chorus Frog	Hughes	Anuran Calling-Point	6/14/2004
1742	Western Chorus Frog	Lawrence	Visual Encounter	7/29/2004
1743	Western Chorus Frog	Lawrence	Visual Encounter	7/29/2004
936	Western Chorus Frog	Lyman	Anuran Calling-Route	5/24/2004
933	Western Chorus Frog	Lyman	Anuran Calling-Route	5/24/2004
931	Western Chorus Frog	Lyman	Anuran Calling-Point	5/24/2004
932	Western Chorus Frog	Lyman	Anuran Calling-Route	5/24/2004
934	Western Chorus Frog	Lyman	Anuran Calling-Route	5/24/2004
941	Western Chorus Frog	Lyman	Anuran Calling-Route	5/24/2004
940	Western Chorus Frog	Lyman	Anuran Calling-Route	5/24/2004
939	Western Chorus Frog	Lyman	Anuran Calling-Route	5/24/2004
938	Western Chorus Frog	Lyman	Anuran Calling-Route	5/24/2004

937	Western Chorus Frog	Lyman	Anuran Calling-Route	5/24/2004
935	Western Chorus Frog	Lyman	Anuran Calling-Route	5/24/2004
985	Western Chorus Frog	Lyman	Pitfall Trap	8/10/2004
987	Western Chorus Frog	Lyman	Pitfall Trap	8/12/2004
1045	Western Chorus Frog	Marshall	Incidental	4/6/2004
1092	Western Chorus Frog	Marshall	Anuran Calling-Point	6/3/2004
1094	Western Chorus Frog	Marshall	Anuran Calling-Point	6/3/2004
1096	Western Chorus Frog	Marshall	Anuran Calling-Point	6/3/2004
1090	Western Chorus Frog	Marshall	Anuran Calling-Point	6/3/2004
1098	Western Chorus Frog	Marshall	Anuran Calling-Point	6/3/2004
1100	Western Chorus Frog	Marshall	Anuran Calling-Point	6/3/2004
1109	Western Chorus Frog	Marshall	Anuran Calling-Point	6/6/2004
1107	Western Chorus Frog	Marshall	Anuran Calling-Point	6/6/2004
1105	Western Chorus Frog	Marshall	Anuran Calling-Point	6/6/2004
1117	Western Chorus Frog	Marshall	Anuran Calling-Point	6/7/2004
1113	Western Chorus Frog	Marshall	Anuran Calling-Point	6/7/2004
1111	Western Chorus Frog	Marshall	Anuran Calling-Point	6/7/2004
703	Western Chorus Frog	Mccook	Visual Encounter	4/21/2004
1733	Western Chorus Frog	Meade	Anuran Calling-Point	5/14/2004
1736	Western Chorus Frog	Meade	Anuran Calling-Point	5/14/2004
1737	Western Chorus Frog	Meade	Anuran Calling-Point	5/14/2004
702	Western Chorus Frog	Minnehaha	Visual Encounter	4/21/2004
1740	Western Chorus Frog	Pennington	Anuran Calling-Point	5/18/2004
208	Western Chorus Frog	Pennington	Anuran Calling-Point	8/24/2004
1315	Western Chorus Frog	Perkins	Road Cruising	5/25/2004
1314	Western Chorus Frog	Perkins	Road Cruising	5/25/2004
1305	Western Chorus Frog	Perkins	Visual Encounter	5/25/2004
1328	Western Chorus Frog	Perkins	Visual Encounter	5/26/2004
1341	Western Chorus Frog	Perkins	Road Cruising	5/27/2004
1381	Western Chorus Frog	Perkins	Visual Encounter	6/29/2004
1391	Western Chorus Frog	Perkins	Visual Encounter	6/29/2004
1388	Western Chorus Frog	Perkins	Visual Encounter	6/29/2004
1474	Western Chorus Frog	Perkins	Visual Encounter	7/22/2004
1044	Western Chorus Frog	Roberts	Incidental	3/26/2004
1046	Western Chorus Frog	Roberts	Incidental	4/6/2004
1053	Western Chorus Frog	Roberts	Anuran Calling-Point	4/13/2004
1055	Western Chorus Frog	Roberts	Anuran Calling-Point	4/13/2004
1059	Western Chorus Frog	Roberts	Anuran Calling-Point	4/13/2004
1051	Western Chorus Frog	Roberts	Anuran Calling-Point	4/13/2004
1049	Western Chorus Frog	Roberts	Incidental	4/14/2004
1047	Western Chorus Frog	Roberts	Incidental	4/14/2004
1061	Western Chorus Frog	Roberts	Anuran Calling-Point	4/14/2004
1063	Western Chorus Frog	Roberts	Anuran Calling-Point	4/14/2004
1048	Western Chorus Frog	Roberts	Incidental	4/14/2004
1068	Western Chorus Frog	Roberts	Anuran Calling-Point	4/14/2004
1066	Western Chorus Frog	Roberts	Anuran Calling-Point	4/14/2004
1072	Western Chorus Frog	Roberts	Anuran Calling-Point	4/15/2004
1077	Western Chorus Frog	Roberts	Anuran Calling-Point	4/15/2004
1079	Western Chorus Frog	Roberts	Anuran Calling-Point	4/16/2004
1081	Western Chorus Frog	Roberts	Anuran Calling-Point	4/16/2004
1083	Western Chorus Frog	Roberts	Anuran Calling-Point	4/16/2004
1085	Western Chorus Frog	Roberts	Anuran Calling-Point	4/16/2004

1123	Western Chorus Frog	Roberts	Anuran Calling-Point	6/7/2004
1121	Western Chorus Frog	Roberts	Anuran Calling-Point	6/7/2004
1125	Western Chorus Frog	Roberts	Anuran Calling-Point	6/7/2004
1128	Western Chorus Frog	Roberts	Anuran Calling-Point	6/8/2004
1130	Western Chorus Frog	Roberts	Anuran Calling-Point	6/8/2004
705	Western Chorus Frog	Sanborn	Incidental	4/27/2004
704	Western Chorus Frog	Sanborn	Incidental	4/27/2004
706	Western Chorus Frog	Sanborn	Incidental	4/27/2004
162	Western Chorus Frog	Shannon	Anuran Calling-Point	4/28/2004
167	Western Chorus Frog	Shannon	Anuran Calling-Point	6/7/2004
172	Western Chorus Frog	Shannon	Anuran Calling-Point	6/14/2004
176	Western Chorus Frog	Shannon	Anuran Calling-Point	6/15/2004
899	Western Chorus Frog	Stanley	Anuran Calling-Point	4/5/2004
901	Western Chorus Frog	Stanley	Anuran Calling-Point	4/5/2004
900	Western Chorus Frog	Stanley	Anuran Calling-Point	4/5/2004
903	Western Chorus Frog	Stanley	Anuran Calling-Point	4/7/2004
904	Western Chorus Frog	Stanley	Anuran Calling-Point	4/7/2004
905	Western Chorus Frog	Stanley	Anuran Calling-Point	4/7/2004
923	Western Chorus Frog	Stanley	Anuran Calling-Point	5/21/2004
916	Western Chorus Frog	Stanley	Anuran Calling-Point	5/21/2004
969	Western Chorus Frog	Stanley	Anuran Calling-Point	6/8/2004
963	Western Chorus Frog	Stanley	Anuran Calling-Point	6/8/2004
989	Western Chorus Frog	Stanley	Pitfall Trap	8/17/2004
1354	Western Chorus Frog	Todd	Visual Encounter	6/14/2004
1374	Western Chorus Frog	Todd	Anuran Calling-Route	6/16/2004
1495	Western Chorus Frog	Todd	Visual Encounter	7/25/2004
1294	Western Chorus Frog	Tripp	Road Cruising	5/6/2004
1296	Western Chorus Frog	Tripp	Road Cruising	5/6/2004
1290	Western Chorus Frog	Tripp	Road Cruising	5/6/2004
1291	Western Chorus Frog	Tripp	Road Cruising	5/6/2004
1288	Western Chorus Frog	Tripp	Road Cruising	5/6/2004
1373	Western Chorus Frog	Tripp	Anuran Calling-Route	6/16/2004
709	Western Chorus Frog	Turner	Incidental	4/21/2004
708	Western Chorus Frog	Turner	Visual Encounter	4/21/2004
707	Western Chorus Frog	Turner	Incidental	4/21/2004
712	Western Chorus Frog	Turner	Incidental	4/22/2004
711	Western Chorus Frog	Turner	Incidental	4/22/2004
710	Western Chorus Frog	Turner	Incidental	4/22/2004
716	Western Chorus Frog	Yankton	Incidental	4/20/2004
718	Western Chorus Frog	Yankton	Incidental	4/20/2004
717	Western Chorus Frog	Yankton	Incidental	4/20/2004
714	Western Chorus Frog	Yankton	Incidental	4/20/2004
715	Western Chorus Frog	Yankton	Incidental	4/20/2004
713	Western Chorus Frog	Yankton	Incidental	4/22/2004
720	Western Chorus Frog	Yankton	Incidental	4/28/2004
719	Western Chorus Frog	Yankton	Visual Encounter	4/28/2004
1254	Western Chorus Frog	Ziebach	Visual Encounter	4/30/2004
1255	Western Chorus Frog	Ziebach	Visual Encounter	5/1/2004
1257	Western Chorus Frog	Ziebach	Visual Encounter	5/1/2004
1262	Western Chorus Frog	Ziebach	Visual Encounter	5/2/2004
1260	Western Chorus Frog	Ziebach	Visual Encounter	5/2/2004
1456	Western Hognose Snake	Bennett	Road Cruising	7/10/2004

72	Western Hognose Snake	Custer	Visual Encounter	5/15/2004
26	Western Hognose Snake	Fall River	Road Cruising	5/26/2004
76	Western Hognose Snake	Fall River	Visual Encounter	5/27/2004
148	Western Hognose Snake	Fall River	Visual Encounter	8/28/2004
158	Western Hognose Snake	Fall River	Visual Encounter	9/17/2004
830	Western Hognose Snake	Harding	Road Cruising	9/16/2004
1635	Western Hognose Snake	Meade	Road Cruising	9/16/2004
1586	Western Hognose Snake	Perkins	Visual Encounter	8/24/2004
1342	Western Hognose Snake	Todd	Road Cruising	6/13/2004
1549	Western Hognose Snake	Todd	Visual Encounter	8/15/2004
1293	Western Hognose Snake	Tripp	Road Cruising	5/6/2004
106	Western Painted Turtle	Bennett	Visual Encounter	6/9/2004
133	Western Painted Turtle	Bennett	Visual Encounter	6/29/2004
41	Western Painted Turtle	Bennett	Road Cruising	6/30/2004
1463	Western Painted Turtle	Bennett	Visual Encounter	7/10/2004
1461	Western Painted Turtle	Bennett	Visual Encounter	7/10/2004
1530	Western Painted Turtle	Bennett	Visual Encounter	8/5/2004
1531	Western Painted Turtle	Bennett	Visual Encounter	8/5/2004
1541	Western Painted Turtle	Bennett	Visual Encounter	8/14/2004
1553	Western Painted Turtle	Bennett	Visual Encounter	8/15/2004
1555	Western Painted Turtle	Bennett	Visual Encounter	8/15/2004
585	Western Painted Turtle	Bon Homme	Visual Encounter	4/28/2004
850	Western Painted Turtle	Butte	Incidental	
1744	Western Painted Turtle	Butte	Visual Encounter	5/15/2004
1453	Western Painted Turtle	Butte	Visual Encounter	7/2/2004
1504	Western Painted Turtle	Butte	Road Cruising	8/3/2004
1529	Western Painted Turtle	Butte	Visual Encounter	8/4/2004
586	Western Painted Turtle	Charles Mix	Visual Encounter	4/25/2004
588	Western Painted Turtle	Charles Mix	Incidental	4/25/2004
587	Western Painted Turtle	Charles Mix	Visual Encounter	4/26/2004
589	Western Painted Turtle	Clay	Incidental	4/20/2004
592	Western Painted Turtle	Clay	Incidental	4/23/2004
591	Western Painted Turtle	Clay	Incidental	4/23/2004
590	Western Painted Turtle	Clay	Visual Encounter	4/23/2004
593	Western Painted Turtle	Clay	Visual Encounter	4/24/2004
1600	Western Painted Turtle	Corson	Visual Encounter	8/25/2004
220	Western Painted Turtle	Custer	Incidental	5/22/2004
221	Western Painted Turtle	Custer	Incidental	5/23/2004
223	Western Painted Turtle	Custer	Incidental	5/23/2004
224	Western Painted Turtle	Custer	Incidental	5/23/2004
235	Western Painted Turtle	Custer	Incidental	5/25/2004
228	Western Painted Turtle	Custer	Incidental	5/25/2004
230	Western Painted Turtle	Custer	Incidental	5/25/2004
232	Western Painted Turtle	Custer	Incidental	5/25/2004
243	Western Painted Turtle	Custer	Incidental	5/27/2004
274	Western Painted Turtle	Custer	Incidental	5/28/2004
270	Western Painted Turtle	Custer	Incidental	5/28/2004
252	Western Painted Turtle	Custer	Incidental	5/28/2004
262	Western Painted Turtle	Custer	Incidental	5/28/2004
289	Western Painted Turtle	Custer	Incidental	5/29/2004
297	Western Painted Turtle	Custer	Incidental	5/31/2004
300	Western Painted Turtle	Custer	Incidental	5/31/2004

301	Western Painted Turtle	Custer	Incidental	5/31/2004
302	Western Painted Turtle	Custer	Incidental	5/31/2004
291	Western Painted Turtle	Custer	Incidental	5/31/2004
312	Western Painted Turtle	Custer	Incidental	6/1/2004
316	Western Painted Turtle	Custer	Incidental	6/2/2004
320	Western Painted Turtle	Custer	Incidental	6/2/2004
321	Western Painted Turtle	Custer	Incidental	6/2/2004
323	Western Painted Turtle	Custer	Incidental	6/2/2004
330	Western Painted Turtle	Custer	Incidental	6/3/2004
328	Western Painted Turtle	Custer	Incidental	6/3/2004
337	Western Painted Turtle	Custer	Incidental	6/4/2004
31	Western Painted Turtle	Custer	Road Cruising	6/4/2004
426	Western Painted Turtle	Custer	Incidental	6/12/2004
419	Western Painted Turtle	Custer	Incidental	6/12/2004
418	Western Painted Turtle	Custer	Incidental	6/12/2004
415	Western Painted Turtle	Custer	Incidental	6/12/2004
443	Western Painted Turtle	Custer	Incidental	6/13/2004
440	Western Painted Turtle	Custer	Incidental	6/13/2004
450	Western Painted Turtle	Custer	Incidental	6/14/2004
447	Western Painted Turtle	Custer	Incidental	6/14/2004
449	Western Painted Turtle	Custer	Incidental	6/14/2004
459	Western Painted Turtle	Custer	Incidental	6/15/2004
470	Western Painted Turtle	Custer	Incidental	6/15/2004
507	Western Painted Turtle	Custer	Incidental	6/18/2004
506	Western Painted Turtle	Custer	Incidental	6/18/2004
502	Western Painted Turtle	Custer	Incidental	6/18/2004
505	Western Painted Turtle	Custer	Incidental	6/18/2004
504	Western Painted Turtle	Custer	Incidental	6/18/2004
509	Western Painted Turtle	Custer	Incidental	6/19/2004
508	Western Painted Turtle	Custer	Incidental	6/19/2004
568	Western Painted Turtle	Custer	Incidental	6/23/2004
1622	Western Painted Turtle	Custer	Visual Encounter	9/16/2004
594	Western Painted Turtle	Davison	Incidental	4/27/2004
595	Western Painted Turtle	Douglas	Incidental	4/26/2004
66	Western Painted Turtle	Fall River	Visual Encounter	5/5/2004
70	Western Painted Turtle	Fall River	Visual Encounter	5/14/2004
77	Western Painted Turtle	Fall River	Visual Encounter	5/27/2004
93	Western Painted Turtle	Fall River	Visual Encounter	6/3/2004
1746	Western Painted Turtle	Fall River	Visual Encounter	7/9/2004
1747	Western Painted Turtle	Fall River	Visual Encounter	7/9/2004
137	Western Painted Turtle	Fall River	Visual Encounter	7/10/2004
892	Western Painted Turtle	Fall River	Incidental	7/21/2004
1752	Western Painted Turtle	Fall River	Visual Encounter	8/3/2004
142	Western Painted Turtle	Fall River	Visual Encounter	8/6/2004
150	Western Painted Turtle	Fall River	Visual Encounter	9/9/2004
152	Western Painted Turtle	Fall River	Visual Encounter	9/17/2004
1301	Western Painted Turtle	Haakon	Road Cruising	5/24/2004
1332	Western Painted Turtle	Haakon	Road Cruising	5/26/2004
1647	Western Painted Turtle	Haakon	Visual Encounter	9/18/2004
1653	Western Painted Turtle	Haakon	Visual Encounter	9/20/2004
1318	Western Painted Turtle	Harding	Road Cruising	5/26/2004
780	Western Painted Turtle	Harding	Visual Encounter	6/14/2004

1451	Western Painted Turtle	Harding	Visual Encounter	7/2/2004
1502	Western Painted Turtle	Harding	Road Cruising	8/3/2004
1523	Western Painted Turtle	Harding	Visual Encounter	8/4/2004
788	Western Painted Turtle	Harding	Visual Encounter	8/9/2004
781	Western Painted Turtle	Harding	Visual Encounter	8/9/2004
800	Western Painted Turtle	Harding	Visual Encounter	9/16/2004
804	Western Painted Turtle	Harding	Visual Encounter	9/17/2004
958	Western Painted Turtle	Hughes	Visual Encounter	5/28/2004
596	Western Painted Turtle	Hutchinson	Incidental	4/26/2004
597	Western Painted Turtle	Hutchinson	Incidental	4/27/2004
994	Western Painted Turtle	Jones	Visual Encounter	9/28/2004
1745	Western Painted Turtle	Lawrence	Visual Encounter	6/22/2004
1748	Western Painted Turtle	Lawrence	Visual Encounter	7/13/2004
1750	Western Painted Turtle	Lawrence	Visual Encounter	7/15/2004
944	Western Painted Turtle	Lyman	Visual Encounter	5/27/2004
1751	Western Painted Turtle	Meade	Visual Encounter	7/30/2004
1627	Western Painted Turtle	Meade	Visual Encounter	9/16/2004
55	Western Painted Turtle	Mellette	Road Cruising	7/7/2004
54	Western Painted Turtle	Mellette	Road Cruising	7/7/2004
51	Western Painted Turtle	Mellette	Road Cruising	7/7/2004
1753	Western Painted Turtle	Pennington	Visual Encounter	7/30/2004
143	Western Painted Turtle	Pennington	Visual Encounter	8/11/2004
1316	Western Painted Turtle	Perkins	Road Cruising	5/25/2004
1311	Western Painted Turtle	Perkins	Visual Encounter	5/25/2004
1340	Western Painted Turtle	Perkins	Road Cruising	5/27/2004
1387	Western Painted Turtle	Perkins	Visual Encounter	6/29/2004
1393	Western Painted Turtle	Perkins	Road Cruising	6/29/2004
1384	Western Painted Turtle	Perkins	Visual Encounter	6/29/2004
1379	Western Painted Turtle	Perkins	Visual Encounter	6/29/2004
1389	Western Painted Turtle	Perkins	Visual Encounter	6/29/2004
1399	Western Painted Turtle	Perkins	Visual Encounter	6/30/2004
1404	Western Painted Turtle	Perkins	Visual Encounter	6/30/2004
1470	Western Painted Turtle	Perkins	Visual Encounter	7/21/2004
1481	Western Painted Turtle	Perkins	Visual Encounter	7/23/2004
1475	Western Painted Turtle	Perkins	Visual Encounter	7/23/2004
1588	Western Painted Turtle	Perkins	Visual Encounter	8/24/2004
1595	Western Painted Turtle	Perkins	Visual Encounter	8/25/2004
598	Western Painted Turtle	Sanborn	Incidental	4/27/2004
99	Western Painted Turtle	Shannon	Visual Encounter	6/7/2004
107	Western Painted Turtle	Shannon	Visual Encounter	6/10/2004
116	Western Painted Turtle	Shannon	Visual Encounter	6/14/2004
61	Western Painted Turtle	Shannon	Road Cruising	9/16/2004
898	Western Painted Turtle	Stanley	Visual Encounter	4/5/2004
1575	Western Painted Turtle	Stanley	Road Cruising	8/24/2004
993	Western Painted Turtle	Stanley	Visual Encounter	9/21/2004
1352	Western Painted Turtle	Todd	Visual Encounter	6/14/2004
1364	Western Painted Turtle	Todd	Visual Encounter	6/15/2004
1358	Western Painted Turtle	Todd	Visual Encounter	6/15/2004
1368	Western Painted Turtle	Todd	Visual Encounter	6/16/2004
1496	Western Painted Turtle	Todd	Visual Encounter	7/25/2004
1547	Western Painted Turtle	Todd	Road Cruising	8/15/2004
1552	Western Painted Turtle	Todd	Visual Encounter	8/15/2004

1267	Western Painted Turtle	Tripp	Road Cruising	5/3/2004
1269	Western Painted Turtle	Tripp	Road Cruising	5/3/2004
1275	Western Painted Turtle	Tripp	Road Cruising	5/4/2004
1371	Western Painted Turtle	Tripp	Visual Encounter	6/16/2004
1376	Western Painted Turtle	Tripp	Incidental	6/16/2004
1492	Western Painted Turtle	Tripp	Visual Encounter	7/25/2004
1487	Western Painted Turtle	Tripp	Visual Encounter	7/25/2004
1484	Western Painted Turtle	Tripp	Visual Encounter	7/25/2004
1482	Western Painted Turtle	Tripp	Visual Encounter	7/25/2004
1561	Western Painted Turtle	Tripp	Visual Encounter	8/16/2004
599	Western Painted Turtle	Turner	Incidental	4/21/2004
600	Western Painted Turtle	Union	Incidental	4/20/2004
601	Western Painted Turtle	Union	Visual Encounter	4/21/2004
602	Western Painted Turtle	Yankton	Incidental	4/22/2004
603	Western Painted Turtle	Yankton	Incidental	4/28/2004
1253	Western Painted Turtle	Ziebach	Visual Encounter	4/30/2004
1459	Western Rattlesnake	Bennett	Road Cruising	7/10/2004
1458	Western Rattlesnake	Bennett	Road Cruising	7/10/2004
1465	Western Rattlesnake	Bennett	Road Cruising	7/11/2004
853	Western Rattlesnake	Butte	Incidental	
1022	Western Rattlesnake	Corson	Incidental	
1021	Western Rattlesnake	Corson	Incidental	
1020	Western Rattlesnake	Corson	Incidental	
1598	Western Rattlesnake	Corson	Visual Encounter	8/25/2004
233	Western Rattlesnake	Custer	Incidental	5/25/2004
247	Western Rattlesnake	Custer	Incidental	5/27/2004
256	Western Rattlesnake	Custer	Incidental	5/28/2004
284	Western Rattlesnake	Custer	Incidental	5/29/2004
283	Western Rattlesnake	Custer	Incidental	5/29/2004
275	Western Rattlesnake	Custer	Incidental	5/29/2004
278	Western Rattlesnake	Custer	Incidental	5/29/2004
344	Western Rattlesnake	Custer	Incidental	6/4/2004
360	Western Rattlesnake	Custer	Incidental	6/5/2004
361	Western Rattlesnake	Custer	Incidental	6/5/2004
369	Western Rattlesnake	Custer	Incidental	6/6/2004
383	Western Rattlesnake	Custer	Incidental	6/8/2004
427	Western Rattlesnake	Custer	Incidental	6/12/2004
451	Western Rattlesnake	Custer	Incidental	6/14/2004
494	Western Rattlesnake	Custer	Incidental	6/17/2004
490	Western Rattlesnake	Custer	Incidental	6/17/2004
487	Western Rattlesnake	Custer	Incidental	6/17/2004
564	Western Rattlesnake	Custer	Incidental	6/22/2004
578	Western Rattlesnake	Custer	Incidental	7/1/2004
1758	Western Rattlesnake	Custer	Visual Encounter	8/26/2004
1623	Western Rattlesnake	Custer	Visual Encounter	9/16/2004
63	Western Rattlesnake	Custer	Road Cruising	10/28/2004
79	Western Rattlesnake	Fall River	Visual Encounter	5/29/2004
85	Western Rattlesnake	Fall River	Visual Encounter	5/30/2004
90	Western Rattlesnake	Fall River	Visual Encounter	6/1/2004
91	Western Rattlesnake	Fall River	Visual Encounter	6/2/2004
95	Western Rattlesnake	Fall River	Visual Encounter	6/3/2004
33	Western Rattlesnake	Fall River	Road Cruising	6/11/2004

123	Western Rattlesnake	Fall River	Visual Encounter	6/19/2004
129	Western Rattlesnake	Fall River	Visual Encounter	6/25/2004
138	Western Rattlesnake	Fall River	Visual Encounter	7/11/2004
1759	Western Rattlesnake	Fall River	Visual Encounter	8/3/2004
139	Western Rattlesnake	Fall River	Visual Encounter	8/5/2004
1325	Western Rattlesnake	Harding	Road Cruising	5/26/2004
1411	Western Rattlesnake	Harding	Road Cruising	6/30/2004
829	Western Rattlesnake	Harding	Road Cruising	9/15/2004
797	Western Rattlesnake	Harding	Visual Encounter	9/16/2004
833	Western Rattlesnake	Harding	Road Cruising	9/17/2004
135	Western Rattlesnake	Jones	Visual Encounter	7/7/2004
100	Western Rattlesnake	Jones	Visual Encounter	7/7/2004
992	Western Rattlesnake	Jones	Visual Encounter	9/11/2004
1015	Western Rattlesnake	Jones	Visual Encounter	10/19/2004
1754	Western Rattlesnake	Lawrence	Visual Encounter	6/28/2004
1756	Western Rattlesnake	Lawrence	Visual Encounter	7/13/2004
1757	Western Rattlesnake	Lawrence	Visual Encounter	7/15/2004
999	Western Rattlesnake	Lyman	Visual Encounter	10/9/2004
1000	Western Rattlesnake	Lyman	Visual Encounter	10/9/2004
1001	Western Rattlesnake	Lyman	Visual Encounter	10/9/2004
1003	Western Rattlesnake	Lyman	Visual Encounter	10/9/2004
1009	Western Rattlesnake	Lyman	Visual Encounter	10/10/2004
1010	Western Rattlesnake	Lyman	Visual Encounter	10/10/2004
1005	Western Rattlesnake	Lyman	Visual Encounter	10/10/2004
1006	Western Rattlesnake	Lyman	Visual Encounter	10/10/2004
1011	Western Rattlesnake	Lyman	Visual Encounter	10/10/2004
1013	Western Rattlesnake	Lyman	Visual Encounter	10/11/2004
1671	Western Rattlesnake	Lyman	Visual Encounter	10/11/2004
1670	Western Rattlesnake	Lyman	Visual Encounter	10/11/2004
1669	Western Rattlesnake	Lyman	Visual Encounter	10/11/2004
1672	Western Rattlesnake	Lyman	Visual Encounter	10/11/2004
1668	Western Rattlesnake	Lyman	Visual Encounter	10/11/2004
1673	Western Rattlesnake	Lyman	Visual Encounter	10/11/2004
1676	Western Rattlesnake	Lyman	Visual Encounter	10/11/2004
1675	Western Rattlesnake	Lyman	Visual Encounter	10/11/2004
1674	Western Rattlesnake	Lyman	Visual Encounter	10/11/2004
1755	Western Rattlesnake	Meade	Visual Encounter	7/10/2004
891	Western Rattlesnake	Meade	Incidental	7/28/2004
1632	Western Rattlesnake	Meade	Visual Encounter	9/16/2004
1628	Western Rattlesnake	Meade	Visual Encounter	9/16/2004
1017	Western Rattlesnake	Perkins	Incidental	
1030	Western Rattlesnake	Perkins	Incidental	
1019	Western Rattlesnake	Perkins	Incidental	
1018	Western Rattlesnake	Perkins	Incidental	
1310	Western Rattlesnake	Perkins	Visual Encounter	5/25/2004
1337	Western Rattlesnake	Perkins	Visual Encounter	5/27/2004
1394	Western Rattlesnake	Perkins	Road Cruising	6/29/2004
1383	Western Rattlesnake	Perkins	Visual Encounter	6/29/2004
1587	Western Rattlesnake	Perkins	Visual Encounter	8/24/2004
1590	Western Rattlesnake	Perkins	Road Cruising	8/24/2004
1596	Western Rattlesnake	Perkins	Visual Encounter	8/25/2004
25	Western Rattlesnake	Shannon	Road Cruising	5/22/2004

118	Western Rattlesnake	Shannon	Visual Encounter	6/14/2004
34	Western Rattlesnake	Shannon	Road Cruising	6/15/2004
57	Western Rattlesnake	Shannon	Road Cruising	8/9/2004
991	Western Rattlesnake	Stanley	Visual Encounter	9/11/2004
996	Western Rattlesnake	Stanley	Visual Encounter	9/28/2004
998	Western Rattlesnake	Stanley	Visual Encounter	10/9/2004
997	Western Rattlesnake	Stanley	Visual Encounter	10/9/2004
1007	Western Rattlesnake	Stanley	Visual Encounter	10/10/2004
1014	Western Rattlesnake	Stanley	Visual Encounter	10/19/2004
1268	Western Rattlesnake	Todd	Road Cruising	5/3/2004
1469	Western Rattlesnake	Todd	Road Cruising	7/12/2004
1544	Western Rattlesnake	Todd	Road Cruising	8/15/2004
1546	Western Rattlesnake	Todd	Road Cruising	8/15/2004
1558	Western Rattlesnake	Tripp	Road Cruising	8/15/2004
1603	Western Rattlesnake	Tripp	Road Cruising	8/26/2004
250	Western Terrestrial Garter Snake	Custer	Incidental	5/27/2004
259	Western Terrestrial Garter Snake	Custer	Incidental	5/28/2004
254	Western Terrestrial Garter Snake	Custer	Incidental	5/28/2004
286	Western Terrestrial Garter Snake	Custer	Incidental	5/29/2004
303	Western Terrestrial Garter Snake	Custer	Incidental	5/31/2004
292	Western Terrestrial Garter Snake	Custer	Incidental	5/31/2004
306	Western Terrestrial Garter Snake	Custer	Incidental	6/1/2004
309	Western Terrestrial Garter Snake	Custer	Incidental	6/1/2004
333	Western Terrestrial Garter Snake	Custer	Incidental	6/3/2004
340	Western Terrestrial Garter Snake	Custer	Incidental	6/4/2004
363	Western Terrestrial Garter Snake	Custer	Incidental	6/5/2004
365	Western Terrestrial Garter Snake	Custer	Incidental	6/5/2004
368	Western Terrestrial Garter Snake	Custer	Incidental	6/5/2004
364	Western Terrestrial Garter Snake	Custer	Incidental	6/5/2004
373	Western Terrestrial Garter Snake	Custer	Incidental	6/7/2004
376	Western Terrestrial Garter Snake	Custer	Incidental	6/7/2004
385	Western Terrestrial Garter Snake	Custer	Incidental	6/8/2004
387	Western Terrestrial Garter Snake	Custer	Incidental	6/8/2004
407	Western Terrestrial Garter Snake	Custer	Incidental	6/11/2004
405	Western Terrestrial Garter Snake	Custer	Incidental	6/11/2004
404	Western Terrestrial Garter Snake	Custer	Incidental	6/11/2004
424	Western Terrestrial Garter Snake	Custer	Incidental	6/12/2004
421	Western Terrestrial Garter Snake	Custer	Incidental	6/12/2004
411	Western Terrestrial Garter Snake	Custer	Incidental	6/12/2004
410	Western Terrestrial Garter Snake	Custer	Incidental	6/12/2004
412	Western Terrestrial Garter Snake	Custer	Incidental	6/12/2004
433	Western Terrestrial Garter Snake	Custer	Incidental	6/13/2004
431	Western Terrestrial Garter Snake	Custer	Incidental	6/13/2004
874	Western Terrestrial Garter Snake	Custer	Incidental	6/13/2004
471	Western Terrestrial Garter Snake	Custer	Incidental	6/15/2004
465	Western Terrestrial Garter Snake	Custer	Incidental	6/15/2004
475	Western Terrestrial Garter Snake	Custer	Incidental	6/15/2004
476	Western Terrestrial Garter Snake	Custer	Incidental	6/15/2004
484	Western Terrestrial Garter Snake	Custer	Incidental	6/17/2004
510	Western Terrestrial Garter Snake	Custer	Incidental	6/19/2004
512	Western Terrestrial Garter Snake	Custer	Incidental	6/19/2004
524	Western Terrestrial Garter Snake	Custer	Incidental	6/20/2004

518	Western Terrestrial Garter Snake	Custer	Incidental	6/20/2004
517	Western Terrestrial Garter Snake	Custer	Incidental	6/20/2004
534	Western Terrestrial Garter Snake	Custer	Incidental	6/21/2004
541	Western Terrestrial Garter Snake	Custer	Incidental	6/21/2004
542	Western Terrestrial Garter Snake	Custer	Incidental	6/21/2004
548	Western Terrestrial Garter Snake	Custer	Incidental	6/21/2004
549	Western Terrestrial Garter Snake	Custer	Incidental	6/21/2004
550	Western Terrestrial Garter Snake	Custer	Incidental	6/21/2004
545	Western Terrestrial Garter Snake	Custer	Incidental	6/21/2004
537	Western Terrestrial Garter Snake	Custer	Incidental	6/21/2004
566	Western Terrestrial Garter Snake	Custer	Incidental	6/22/2004
570	Western Terrestrial Garter Snake	Custer	Incidental	6/23/2004
573	Western Terrestrial Garter Snake	Custer	Incidental	6/23/2004
574	Western Terrestrial Garter Snake	Custer	Incidental	6/23/2004
1765	Western Terrestrial Garter Snake	Custer	Visual Encounter	7/14/2004
1771	Western Terrestrial Garter Snake	Custer	Visual Encounter	7/26/2004
832	Western Terrestrial Garter Snake	Harding	Road Cruising	9/17/2004
835	Western Terrestrial Garter Snake	Harding	Road Cruising	9/18/2004
809	Western Terrestrial Garter Snake	Harding	Visual Encounter	9/28/2004
845	Western Terrestrial Garter Snake	Harding	Road Cruising	10/26/2004
1766	Western Terrestrial Garter Snake	Lawrence	Visual Encounter	7/15/2004
871	Western Terrestrial Garter Snake	Lawrence	Incidental	7/16/2004
1774	Western Terrestrial Garter Snake	Lawrence	Visual Encounter	7/29/2004
1773	Western Terrestrial Garter Snake	Lawrence	Visual Encounter	7/29/2004
878	Western Terrestrial Garter Snake	Lawrence	Incidental	7/29/2004
884	Western Terrestrial Garter Snake	Lawrence	Incidental	8/2/2004
1775	Western Terrestrial Garter Snake	Meade	Visual Encounter	8/20/2004
1761	Western Terrestrial Garter Snake	Pennington	Visual Encounter	6/29/2004
1760	Western Terrestrial Garter Snake	Pennington	Visual Encounter	6/29/2004
1763	Western Terrestrial Garter Snake	Pennington	Visual Encounter	7/9/2004
1762	Western Terrestrial Garter Snake	Pennington	Visual Encounter	7/9/2004
1764	Western Terrestrial Garter Snake	Pennington	Visual Encounter	7/9/2004
1770	Western Terrestrial Garter Snake	Pennington	Visual Encounter	7/16/2004
1769	Western Terrestrial Garter Snake	Pennington	Visual Encounter	7/16/2004
1768	Western Terrestrial Garter Snake	Pennington	Visual Encounter	7/16/2004
1767	Western Terrestrial Garter Snake	Pennington	Visual Encounter	7/16/2004
1772	Western Terrestrial Garter Snake	Pennington	Visual Encounter	7/30/2004
1776	Western Terrestrial Garter Snake	Pennington	Visual Encounter	9/19/2004
1654	Wood Frog	Roberts	Incidental	4/2004
1655	Wood Frog	Roberts	Incidental	4/2004
1656	Wood Frog	Roberts	Incidental	4/2004
1657	Wood Frog	Roberts	Incidental	4/2004
1664	Wood Frog	Roberts	Incidental	4/2004
1658	Wood Frog	Roberts	Incidental	4/2004
1665	Wood Frog	Roberts	Incidental	4/2004
737	Wood Frog	Roberts	Incidental	4/2004
1663	Wood Frog	Roberts	Incidental	4/2004
1660	Wood Frog	Roberts	Incidental	4/2004
1661	Wood Frog	Roberts	Incidental	4/2004
1662	Wood Frog	Roberts	Incidental	4/2004
1659	Wood Frog	Roberts	Incidental	4/2004
1033	Wood Frog	Roberts	Anuran Calling-Point	4/2/2004

1034	Wood Frog	Roberts	Anuran Calling-Point	4/2/2004
1032	Wood Frog	Roberts	Anuran Calling-Point	4/2/2004
1031	Wood Frog	Roberts	Anuran Calling-Point	4/2/2004
1035	Wood Frog	Roberts	Anuran Calling-Point	4/6/2004
1050	Wood Frog	Roberts	Anuran Calling-Point	4/13/2004
1052	Wood Frog	Roberts	Anuran Calling-Point	4/13/2004
1054	Wood Frog	Roberts	Anuran Calling-Point	4/13/2004
1056	Wood Frog	Roberts	Anuran Calling-Point	4/13/2004
1057	Wood Frog	Roberts	Anuran Calling-Point	4/13/2004
1058	Wood Frog	Roberts	Anuran Calling-Point	4/13/2004
1065	Wood Frog	Roberts	Anuran Calling-Point	4/14/2004
1060	Wood Frog	Roberts	Anuran Calling-Point	4/14/2004
1067	Wood Frog	Roberts	Anuran Calling-Point	4/14/2004
1062	Wood Frog	Roberts	Anuran Calling-Point	4/14/2004
1064	Wood Frog	Roberts	Anuran Calling-Point	4/14/2004
1071	Wood Frog	Roberts	Anuran Calling-Point	4/15/2004
1073	Wood Frog	Roberts	Anuran Calling-Point	4/15/2004
1074	Wood Frog	Roberts	Anuran Calling-Point	4/15/2004
1069	Wood Frog	Roberts	Anuran Calling-Point	4/15/2004
1076	Wood Frog	Roberts	Anuran Calling-Point	4/15/2004
1075	Wood Frog	Roberts	Anuran Calling-Point	4/15/2004
1078	Wood Frog	Roberts	Anuran Calling-Point	4/16/2004
1080	Wood Frog	Roberts	Anuran Calling-Point	4/16/2004
1084	Wood Frog	Roberts	Anuran Calling-Point	4/16/2004
1082	Wood Frog	Roberts	Anuran Calling-Point	4/16/2004
103	Woodhouse's Toad	Bennett	Visual Encounter	6/9/2004
1537	Woodhouse's Toad	Bennett	Visual Encounter	8/14/2004
663	Woodhouse's Toad	Bon Homme	Visual Encounter	4/29/2004
856	Woodhouse's Toad	Butte	Incidental	
1777	Woodhouse's Toad	Butte	Anuran Calling-Point	5/15/2004
664	Woodhouse's Toad	Clay	Incidental	4/19/2004
665	Woodhouse's Toad	Clay	Incidental	4/23/2004
666	Woodhouse's Toad	Clay	Anuran Calling-Route	4/23/2004
667	Woodhouse's Toad	Clay	Anuran Calling-Route	4/23/2004
668	Woodhouse's Toad	Clay	Anuran Calling-Route	4/23/2004
669	Woodhouse's Toad	Clay	Visual Encounter	4/24/2004
218	Woodhouse's Toad	Custer	Incidental	5/21/2004
271	Woodhouse's Toad	Custer	Incidental	5/28/2004
294	Woodhouse's Toad	Custer	Incidental	5/31/2004
357	Woodhouse's Toad	Custer	Incidental	6/4/2004
351	Woodhouse's Toad	Custer	Incidental	6/4/2004
352	Woodhouse's Toad	Custer	Incidental	6/4/2004
353	Woodhouse's Toad	Custer	Incidental	6/4/2004
354	Woodhouse's Toad	Custer	Incidental	6/4/2004
356	Woodhouse's Toad	Custer	Incidental	6/4/2004
358	Woodhouse's Toad	Custer	Incidental	6/4/2004
355	Woodhouse's Toad	Custer	Incidental	6/4/2004
370	Woodhouse's Toad	Custer	Incidental	6/6/2004
392	Woodhouse's Toad	Custer	Incidental	6/9/2004
391	Woodhouse's Toad	Custer	Incidental	6/9/2004
393	Woodhouse's Toad	Custer	Incidental	6/9/2004
397	Woodhouse's Toad	Custer	Incidental	6/10/2004

399	Woodhouse's Toad	Custer	Incidental	6/10/2004
446	Woodhouse's Toad	Custer	Incidental	6/13/2004
445	Woodhouse's Toad	Custer	Incidental	6/13/2004
452	Woodhouse's Toad	Custer	Incidental	6/14/2004
483	Woodhouse's Toad	Custer	Incidental	6/16/2004
479	Woodhouse's Toad	Custer	Incidental	6/16/2004
482	Woodhouse's Toad	Custer	Incidental	6/16/2004
481	Woodhouse's Toad	Custer	Incidental	6/16/2004
480	Woodhouse's Toad	Custer	Incidental	6/16/2004
496	Woodhouse's Toad	Custer	Incidental	6/17/2004
497	Woodhouse's Toad	Custer	Incidental	6/17/2004
576	Woodhouse's Toad	Custer	Incidental	6/23/2004
1778	Woodhouse's Toad	Custer	Visual Encounter	7/8/2004
885	Woodhouse's Toad	Custer	Incidental	8/3/2004
1780	Woodhouse's Toad	Custer	Visual Encounter	8/4/2004
1779	Woodhouse's Toad	Custer	Visual Encounter	8/4/2004
883	Woodhouse's Toad	Custer	Incidental	8/26/2004
1620	Woodhouse's Toad	Custer	Visual Encounter	9/16/2004
866	Woodhouse's Toad	Fall River	Incidental	7/8/2004
887	Woodhouse's Toad	Fall River	Incidental	8/3/2004
888	Woodhouse's Toad	Fall River	Incidental	8/3/2004
670	Woodhouse's Toad	Gregory	Visual Encounter	4/25/2004
1645	Woodhouse's Toad	Haakon	Visual Encounter	9/18/2004
771	Woodhouse's Toad	Harding	Anuran Calling-Route	5/10/2004
820	Woodhouse's Toad	Harding	Road Cruising	8/3/2004
1511	Woodhouse's Toad	Harding	Road Cruising	8/3/2004
786	Woodhouse's Toad	Harding	Visual Encounter	8/9/2004
782	Woodhouse's Toad	Harding	Visual Encounter	8/9/2004
908	Woodhouse's Toad	Hughes	Anuran Calling-Point	5/16/2004
909	Woodhouse's Toad	Hughes	Anuran Calling-Point	5/16/2004
927	Woodhouse's Toad	Hughes	Anuran Calling-Point	5/21/2004
930	Woodhouse's Toad	Hughes	Anuran Calling-Point	5/21/2004
952	Woodhouse's Toad	Hughes	Anuran Calling-Route	5/27/2004
956	Woodhouse's Toad	Hughes	Anuran Calling-Route	5/27/2004
949	Woodhouse's Toad	Hughes	Anuran Calling-Route	5/27/2004
947	Woodhouse's Toad	Hughes	Anuran Calling-Route	5/27/2004
950	Woodhouse's Toad	Hughes	Anuran Calling-Route	5/27/2004
967	Woodhouse's Toad	Hughes	Anuran Calling-Point	6/8/2004
973	Woodhouse's Toad	Hughes	Anuran Calling-Point	6/14/2004
979	Woodhouse's Toad	Hughes	Anuran Calling-Point	6/14/2004
1634	Woodhouse's Toad	Meade	Road Cruising	9/16/2004
1630	Woodhouse's Toad	Meade	Visual Encounter	9/16/2004
1306	Woodhouse's Toad	Perkins	Visual Encounter	5/25/2004
1473	Woodhouse's Toad	Perkins	Visual Encounter	7/22/2004
166	Woodhouse's Toad	Shannon	Anuran Calling-Point	6/7/2004
173	Woodhouse's Toad	Shannon	Anuran Calling-Point	6/14/2004
177	Woodhouse's Toad	Shannon	Anuran Calling-Point	6/15/2004
189	Woodhouse's Toad	Shannon	Anuran Calling-Point	6/27/2004
918	Woodhouse's Toad	Stanley	Incidental	5/21/2004
920	Woodhouse's Toad	Stanley	Incidental	5/21/2004
924	Woodhouse's Toad	Stanley	Anuran Calling-Point	5/21/2004
917	Woodhouse's Toad	Stanley	Anuran Calling-Point	5/21/2004

964	Woodhouse's Toad	Stanley	Incidental	6/8/2004
982	Woodhouse's Toad	Stanley	Anuran Calling-Point	6/14/2004
1361	Woodhouse's Toad	Todd	Visual Encounter	6/15/2004
1375	Woodhouse's Toad	Todd	Anuran Calling-Route	6/16/2004
1282	Woodhouse's Toad	Tripp	Road Cruising	5/5/2004
1297	Woodhouse's Toad	Tripp	Road Cruising	5/6/2004
1566	Woodhouse's Toad	Tripp	Visual Encounter	8/16/2004
672	Woodhouse's Toad	Yankton	Incidental	4/27/2004
671	Woodhouse's Toad	Yankton	Incidental	4/27/2004
673	Woodhouse's Toad	Yankton	Visual Encounter	4/28/2004
1261	Woodhouse's Toad	Ziebach	Visual Encounter	5/2/2004
1652	Woodhouse's Toad	Ziebach	Visual Encounter	9/19/2004

**Data Sheet for Anuran Calling Surveys (single sites)
South Dakota Natural Heritage Program**

SURVEYOR(S): _____

DATE: _____ TIME _____

GPS LOCATION (LAT LONG IN DECIMAL DEGREES): _____

LEGAL LOCATION (if GPS not available, township, range, section, quarter): _____

COUNTY: _____

CURRENT WEATHER: _____

MOISTURE CONDITIONS (recent rains, standing water): _____

HABITAT DESCRIPTION: _____

SPECIES AND STATUS

- 0 = No frogs or toads can be heard calling.
- 1 = Individuals can be counted; there is space between calls
- 2 = Calls of individuals can be distinguished but there is some overlapping of calls
- 3 = Full chorus, calls are constant, continuous and overlapping

BULLFROG _____

NORTHERN LEOPARD FROG _____

PLAINS LEOPARD FROG _____

WOOD FROG _____

EASTERN GRAY TREEFROG _____

COPE'S GRAY TREEFROG _____

CHORUS FROG _____

CRICKET FROG _____

GREAT PLAINS TOAD _____

AMERICAN TOAD _____

CANADIAN TOAD _____

WOODHOUSE'S TOAD _____

PLAINS SPADEFOOT _____

SPECIMENS OR PHOTOS _____

COMMENTS _____

Appendix V. South Dakota County Map

