

# Element Occurrence Record

Ex. A15-3

Scientific Name: *Acorus americanus*

Occurrence #: 3

Common Name: Sweetflag

SD Protection Status:

Location Information:      Latitude: 444532N      Longitude: 0964014W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
10170202	Upper Big Sioux				

<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>	<u>State</u>
Deuel	SD	Clear Lake North	SD
		Clear Lake South	SD

Directions:

CLEAR LAKE. RANCH OF HYDE WOOD.

Survey Information:

First Observation:                      Survey Date:                      Last Observation:

Eo Type:                                      Eo Rank:                                      Eo Rank Date:

Observed Area:

Comments:

General Description:

Comments:    VERY OLD SPECIMEN OF LATE 1800'S OR EARLY 1900'S ANNOTATED AS SUCH BY C.A.TAYLOR 51-11-02.

Protection Comments:

Management Comments:

Data:

Scientific Name: *Ammodramus henslowii*

Occurrence #: 2

Common Name: Henslow's Sparrow

SD Protection Status:

Location Information:      Latitude: 445308N      Longitude: 0963203W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020003	Lac Qui Parle	116N048W	1	5P	W2NW4

<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>	<u>State</u>
Deuel	SD	Clear Lake NE	SD

# Element Occurrence Record

Ex. A15-3

**Directions:**

ALTAMONT PRAIRIE.

**Survey Information:**

**First Observation:** 1965

**Survey Date:**

**Last Observation:** 1965-07-03

**Eo Type:**

**Eo Rank:**

**Eo Rank Date:**

**Observed Area:**

**Comments:**

**General  
Description:**

**Comments:**

**Protection  
Comments:**

**Management  
Comments:**

**Data:** OBSERVED 11,12 JUNE AND 3 JULY BY SPRINGER, HOLDEN AND EDIE.

**Scientific Name:** *Andropogon gerardii - Hesperostipa spartea - Sporobolus heterolepis Herbaceous Vegetation*

**Occurrence #:** 5

**Common Name:** Northern Mesic Tallgrass Prairie

**SD Protection Status:**

**Location Information:** **Latitude:** 445310N **Longitude:** 0963160W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020003	Lac Qui Parle	116N048W	1	5P	E2NW4
<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>			<u>State</u>
Deuel	SD	Clear Lake NE			SD

**Directions:**

ALTAMONT PRAIRIE. 12 MI NE OF CLEAR LAKE. MAP IN B78ODE01.

**Survey Information:**

**First Observation:** 1978

**Survey Date:** 1978-SUM

**Last Observation:** 1978-SU

**Eo Type:**

**Eo Rank:** B

**Eo Rank Date:**

**Observed Area:** 30.00

**Comments:**

**General** ON EASTERN SLOPE OF PRAIRIE COTEAU. LOW PRAIRIE AND WETLANDS NEARBY. DOMINATED BY

## Element Occurrence Record

**Ex. A15-3**

**Description:** ANDROPOGON-PAINCUM-SORGHASTRUM, FORB SPECIES DIFFER BETWEEN UPPER AND LOWER SITES.

# Element Occurrence Record

Ex. A15-3

**Comments:**

**Protection  
Comments:**

**Management  
Comments:**

**Data:** UPPER SITES INFESTED WITH KENTUCKY BLUEGRASS, LEAFY SPURGE, AND SMOOTH BROME. CONTROL OF SPURGE BY SPRAYING HAS NOT BEEN SUCCESSFUL. STAR GRASS AND DOWNY GENTIAN ON SOME LOW SITES.

**Scientific Name:** *Anodontoides ferussacianus*

**Occurrence #:** 14

**Common Name:** Cylindrical Papershell

**SD Protection Status:**

**Location Information:**      **Latitude:** 444355N      **Longitude:** 0963230W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020003	Lac Qui Parle	115N048W	26	5P	SE4SE4
<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>			<u>State</u>
Deuel	SD	Brandt			SD

**Directions:**

SEVEN MILES EAST AND ONE SOUTH OF CLEAR LAKE; ON COBB CREEK (AKA FLORIDA CREEK)

**Survey Information:**

**First Observation:** 1995-10-09

**Survey Date:**

**Last Observation:** 1995-10-09

**Eo Type:**

**Eo Rank:**

**Eo Rank Date:**

**Observed Area:**

**Comments:**

**General  
Description:**

**Comments:**

**Protection  
Comments:**

**Management  
Comments:**

**Data:** TWO SINGLE VALVES COLLECTED

## Element Occurrence Record

Ex. A15-3

**Scientific Name:** *Culaea inconstans*

**Occurrence #:** 26

**Common Name:** Brook Stickleback

**SD Protection Status:**

**Location Information:** **Latitude:** 444822N **Longitude:** 0963050W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020003	Lac Qui Parle	116N047W		5P	T115NR48W
<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>			<u>State</u>
Deuel	SD	Lake Francis Gary			SD MN

**Directions:**

MONIGHAN CREEK.

**Survey Information:**

**First Observation:** 1973

**Survey Date:**

**Last Observation:** 1973-SU

**Eo Type:**

**Eo Rank:**

**Eo Rank Date:**

**Observed Area:**

**Comments:**

**General Description:**

**Comments:** MAPPED AT MIDPOINT BETWEEN CREEK ORIGIN AND BOTTOM OF COTEAUDES PRAIRIE.

**Protection Comments:**

**Management Comments:**

**Data:** ELEMENT RECORDED AS PRESENT DURING EARLY SUMMER 1973 SURVEY BY SOURCE.

**Scientific Name:** *Culaea inconstans*

**Occurrence #:** 27

**Common Name:** Brook Stickleback

**SD Protection Status:**

**Location Information:** **Latitude:** 450217N **Longitude:** 0963424W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020001	Upper Minnesota	118N048W		5P	R47 AND 49W

# Element Occurrence Record

Ex. A15-3

<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>	<u>State</u>
Grant	SD	Revilla	SD
Deuel	SD	Marietta	MN
		La Bolt	SD
		Tunerville	SD

**Directions:**

SOUTH FORK YELLOW BANK RIVER.

**Survey Information:**

**First Observation:** 1966                      **Survey Date:**                      **Last Observation:** 1973-SU

**Eo Type:**                                      **Eo Rank:**                                      **Eo Rank Date:**

**Observed Area:**

**Comments:**

**General Description:**

**Comments:** COLL. MADE WITH A 100-VOLT SHOCKER AT HEADWATERS AND FOR 4 STATIONS EACH AT 0.5 KM INTERVALS PROCEEDING DOWNSTREAM.

**Protection Comments:**

**Management Comments:**

**Data:** SPECIMENS COLLECTED FROM OCT 1966 TO OCT 1977 BY L.W. KALLEMEYN; ELEMENT RECORDED AS RARE DURING EARLY SUMMER 1973 COLLECTIONS BY MCCOY AND HALE.

**Scientific Name:** *Culaea inconstans*                      **Occurrence #:** 29

**Common Name:** Brook Stickleback                      **SD Protection Status:**

**Location Information:**                      **Latitude:** 444822N                      **Longitude:** 0963050W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020003	Lac Qui Parle	116N048W	15	5P	

  

<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>	<u>State</u>
Deuel	SD	Lake Francis	SD
		Gary NW	MN

**Directions:**

STREAM A OF SOURCE, NEAR MORITZ. (T116NR49W SEC 15) NOTE: R49W IS ON THE COTEAU AND 1 MI N OF ALTAMONT, MUST BE R48W OR CROW CREEK.

# Element Occurrence Record

Ex. A15-3

## Survey Information:

First Observation: 1973

Survey Date:

Last Observation: 1973-SU

Eo Type:

Eo Rank:

Eo Rank Date:

Observed Area:

## Comments:

General Description:

Comments: MAPPED AT MIDPOINT BETWEEN RIVER ORIGIN AND BOTTOM OF COTEAUDES PRAIRIES.

Protection Comments:

Management Comments:

Data: ELEMENT RECORDED AS PRESENT DURING EARLY SUMMER 1973 SURVEY BY SOURCE.

Scientific Name: *Gentiana puberulenta*

Occurrence #: 20

Common Name: Downy Gentian

SD Protection Status:

Location Information: Latitude: 445317N Longitude: 0963160W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020003	Lac Qui Parle	116N048W	1	5P	E2NW4
<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>			<u>State</u>
Deuel	SD	Clear Lake NE			SD

Directions:

ALTAMONT PRAIRIE, 29 MI E OF WATERTOWN.

## Survey Information:

First Observation: 1978

Survey Date:

Last Observation: 1982

Eo Type:

Eo Rank:

Eo Rank Date:

Observed Area:

## Comments:

General Description: LOW PRAIRIE ALONG E SIDE OF MARSH.

Comments:

# Element Occurrence Record

Ex. A15-3

Protection  
Comments:

Management  
Comments:

Data: MORE THAN 29 PLANTS COUNTED.

Scientific Name: *Gentianopsis procera*

Occurrence #: 6

Common Name: Small Fringed Gentian

SD Protection Status:

Location Information:      Latitude: 443610N      Longitude: 0963820W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township</u> <u>Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020003	Lac Qui Parle	113N048W	7	5P	SE4SW4SW4
<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>			<u>State</u>
Deuel	SD	Toronto			SD

Directions:

QUAIL PRAIRIE. 2 MI N OF TORONTO.

Survey Information:

First Observation: 1982-09-05

Survey Date:

Last Observation: 1982-09-05

Eo Type:

Eo Rank:

Eo Rank Date:

Observed Area: 1.00

Comments:

General      ALONG COBB CREEK AND RAILROAD EMBANKMENT.

Description:

Comments:

Protection  
Comments:

Management  
Comments:

Data: OVER 200 PLANTS. ALSO PRENANTHES ASPERA, SPIRANTHES ROMAN- ZOFFIANA, AND LOBELIA SIPHILITICA.

Scientific Name: *Gentianopsis procera*

Occurrence #: 7

Common Name: Small Fringed Gentian

SD Protection Status:



# Element Occurrence Record

Ex. A15-3

**Location Information:**      **Latitude:** 445342N      **Longitude:** 0964253W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
10170202	Upper Big Sioux	117N049W	33	5P	W2

  

<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>	<u>State</u>
Deuel	SD	Tunerville	SD

**Directions:**

COTEAU PRAIRIE, CA. 20 MI E OF WATERTOWN.

**Survey Information:**

**First Observation:** 1982      **Survey Date:**      **Last Observation:** 1982

**Eo Type:**      **Eo Rank:**      **Eo Rank Date:**

**Observed Area:**

**Comments:**

**General Description:**

**Comments:**

**Protection Comments:**

**Management Comments:**

**Data:** OBSERVED MORE THAN 20 PLANTS.

**Scientific Name:** *Hesperia dacotae*      **Occurrence #:** 70

**Common Name:** Dakota Skipper      **SD Protection Status:**

**Location Information:**      **Latitude:** 445314N      **Longitude:** 0963158W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020003	Lac Qui Parle	116N048W	01	5P	

  

<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>	<u>State</u>
Deuel	SD	Clear Lake NE	SD

**Directions:**

Three miles north and 7.25 miles east of Altamount, SD

# Element Occurrence Record

Ex. A15-3

## Survey Information:

First Observation: 2004-07-13

Survey Date: 2004-07-13

Last Observation: 2004-07-13

Eo Type:

Eo Rank: C

Eo Rank Date:

Observed Area:

## Comments:

General Description:

Comments:

Protection Comments:

Management Comments:

Data: One female collected. Surveyed during 2012 and no Dakota Skippers were observed.

Scientific Name: *Nocomis biguttatus*

Occurrence #: 6

Common Name: Hornyhead Chub

SD Protection Status:

Location Information: Latitude: 444822N Longitude: 0963050W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020003	Lac Qui Parle	116N047W		5P	T115N R48W
<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>			<u>State</u>
Deuel	SD	Lake Francis Gary			SD MN

Directions:

MONIGHAN CREEK.

## Survey Information:

First Observation: 1973

Survey Date:

Last Observation: 1973-SU

Eo Type:

Eo Rank:

Eo Rank Date:

Observed Area:

## Comments:

General Description:

Comments: MAPPED AT MIDPOINT BETWEEN CREEK ORIGIN AND BOTTOM OF COTEAUDES PRAIRIES.

# Element Occurrence Record

Ex. A15-3

Protection  
Comments:

Management  
Comments:

Data: ELEMENT RECORDED AS PRESENT DURING EARLY SUMMER 1973 SURVEY BY SOURCE.

Scientific Name: *Nocomis biguttatus*

Occurrence #: 12

Common Name: Hornyhead Chub

SD Protection Status:

Location Information:      Latitude: 444240N      Longitude: 0963345W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township</u> <u>Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020003	Lac Qui Parle	114N048W	3	5P	SE4
<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>			<u>State</u>
Deuel	SD	Brandt			SD

Directions:

THREE MILES EAST AND 3 MILES NORTH OF BRANDT; FLORIDA (COBB) CREEK

Survey Information:

First Observation: 1993-07-26

Survey Date:

Last Observation: 1993-07-26

Eo Type:

Eo Rank:

Eo Rank Date:

Observed Area:

Comments:

General      PRAIRIE STREAM  
Description:

Comments:

Protection  
Comments:

Management  
Comments:

Data: 12 COLLECTED

Scientific Name: *Nocomis biguttatus*

Occurrence #: 18

Common Name: Hornyhead Chub

SD Protection Status:

## Element Occurrence Record

**Ex. A15-3**

**Location Information:**      **Latitude:** 444402N    **Longitude:** 0963240W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020003	Lac Qui Parle	115N048W	35	5P	
		115N048W	25	5P	
		115N048W	36	5P	
		115N048W	26	5P	

<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>	<u>State</u>
Deuel	SD	Brandt	SD

**Directions:**

North Branch Cobb Creek, 115N 48W Sec 26, exact location not given.

**Survey Information:**

**First Observation:** 2009-07      **Survey Date:**      **Last Observation:** 2010-07

**Eo Type:**      **Eo Rank:**      **Eo Rank Date:**

**Observed Area:**

**Comments:**

**General Description:** Small stream running through crop and pastureland

**Comments:**

**Protection Comments:**

**Management Comments:**

**Data:** 5 individuals sampled in 2009, one voucher specimen collected and stored in the Matthews Training Center Lab curated by Paul Lorenzen, remaining released. 25 individuals sampled in 2010.

**Scientific Name:** *Nocomis biguttatus*      **Occurrence #:** 19

**Common Name:** Hornyhead Chub      **SD Protection Status:**

**Location Information:**      **Latitude:** 445629N    **Longitude:** 0963928W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020001	Upper Minnesota	117N049W	13	5P	
		117N049W	14	5P	

<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>	<u>State</u>
Deuel	SD	Tunerville	SD

# Element Occurrence Record

Ex. A15-3

**Directions:**

Caine Creek, 117N 49W Sec.13, exact location not given

**Survey Information:**

**First Observation:** 2010-07

**Survey Date:**

**Last Observation:** 2010-07

**Eo Type:**

**Eo Rank:**

**Eo Rank Date:**

**Observed Area:**

**Comments:**

**General Description:** Small stream running through herbaceous rangeland

**Comments:**

**Protection Comments:**

**Management Comments:**

**Data:** 60 individuals sampled, one voucher specimen taken and stored in the Matthews Training Center Lav curated by Paul Lorenzen, remaining released.

**Scientific Name:** *Oarisma powesheik*

**Occurrence #:** 15

**Common Name:** Powesheik Skipperling

**SD Protection Status:**

**Location Information:** **Latitude:** 445310N **Longitude:** 0963155W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020003	Lac Qui Parle	116N048W	1	5P	E2NW4
<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>	<u>State</u>		
Deuel	SD	Clear Lake NE	SD		

**Directions:**

3.5 MILES NORTH AND 7 EAST OF ALTAMONT; ALTAMONT PRAIRIE-TNC PRESERVE

**Survey Information:**

**First Observation:** 1995-07-11

**Survey Date:**

**Last Observation:** 1995-07-11

**Eo Type:**

**Eo Rank:**

**Eo Rank Date:**

**Observed Area:**

**Comments:**

**General Description:** HEAVILY GRAZED TALLGRASS PRAIRIE

# Element Occurrence Record

Ex. A15-3

**Comments:** VEGETATION HEAVILY GRAZED TO CONTROL LEAFY SPURGE

**Protection  
Comments:**

**Management  
Comments:**

**Data:** 2 SIGHTED, CONDITIONS: CLEAR SKY, TEMP. 90-95f., SW WIND 10-20, SURVEY TIME FROM 2:45 TO 5:30PM.  
Surveyed in 2012 for dakota skippers and no poweshieks were observed.

**Scientific Name:** *Percina maculata*

**Occurrence #:** 4

**Common Name:** Blackside Darter

**SD Protection Status:**

**Location Information:** **Latitude:** 444433N **Longitude:** 0962931W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020003	Lac Qui Parle	115N047W		5P	
<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>			<u>State</u>
Deuel	SD	Canby NW Brandt			MN SD

**Directions:**

FLORIDA CREEK (=COBB CREEK IN SD).

**Survey Information:**

**First Observation:** 1973

**Survey Date:**

**Last Observation:** 1973-SU

**Eo Type:**

**Eo Rank:**

**Eo Rank Date:**

**Observed Area:**

**Comments:**

**General  
Description:**

**Comments:** MAPPED AT MIDPOINT BETWEEN CREEK ORIGIN AND BOTTOM OF COTEAUDES PRAIRIES.

**Protection  
Comments:**

**Management  
Comments:**

**Data:** ELEMENT RECORDED AS PRESENT DURING EARLY SUMMER 1973 SURVEY BY SOURCE.

## Element Occurrence Record

Ex. A15-3

**Scientific Name:** *Phoxinus eos*

**Occurrence #:** 5

**Common Name:** Northern Redbelly Dace

**SD Protection Status:** ST

**Location Information:** **Latitude:** 444822N **Longitude:** 0963050W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020003	Lac Qui Parle	116N047W		5P	T115N R48W
<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>			<u>State</u>
Deuel	SD	Lake Francis Gary			SD MN

**Directions:**

MONIGHAN CREEK.

**Survey Information:**

**First Observation:** 1973

**Survey Date:**

**Last Observation:** 1973-SU

**Eo Type:**

**Eo Rank:**

**Eo Rank Date:**

**Observed Area:**

**Comments:**

**General Description:**

**Comments:** MAPPED AT MIDPOINT BETWEEN CREEK ORIGIN AND BOTTOM OF COTEAUDES PRAIRIES.

**Protection Comments:**

**Management Comments:**

**Data:** ELEMENT RECORDED AS PRESENT DURING EARLY SUMMER 1973 SURVEY BY SOURCE.

**Scientific Name:** *Phoxinus eos*

**Occurrence #:** 6

**Common Name:** Northern Redbelly Dace

**SD Protection Status:** ST

**Location Information:** **Latitude:** 450217N **Longitude:** 0963424W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020001	Upper Minnesota	118N048W		5P	R47 AND 49W

# Element Occurrence Record

Ex. A15-3

<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>	<u>State</u>
Grant	SD	Revilla	SD
Deuel	SD	Marietta	MN
		La Bolt	SD
		Tunerville	SD

**Directions:**

SOUTH FORK YELLOW BANK RIVER.

**Survey Information:**

**First Observation:** 1973                      **Survey Date:**                      **Last Observation:** 1973-SU

**Eo Type:**                                      **Eo Rank:**                                      **Eo Rank Date:**

**Observed Area:**

**Comments:**

**General Description:**

**Comments:** MAPPED AT MIDPOINT BETWEEN RIVER ORIGIN AND BOTTOM OF COTEAUDES PRAIRIES.

**Protection Comments:**

**Management Comments:**

**Data:** ELEMENT RECORDED AS PRESENT DURING EARLY SUMMER 1973 SURVEY BY SOURCE.

**Scientific Name:** *Populus balsamifera*                      **Occurrence #:** 4

**Common Name:** Balsam Poplar                      **SD Protection Status:**

**Location Information:**              **Latitude:** 444655N              **Longitude:** 0962824W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020003	Lac Qui Parle	115N047W		5P	116N047W

<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>	<u>State</u>
Deuel	SD	Gary	MN

**Directions:**

COULEES NEAR GARY.



# Element Occurrence Record

Ex. A15-3

## Survey Information:

First Observation: 1898

Survey Date:

Last Observation: 1898-05-15

Eo Type:

Eo Rank:

Eo Rank Date:

Observed Area:

## Comments:

General Description:

Comments:

Protection Comments:

Management Comments:

## Data:

Scientific Name: *Speyeria idalia*

Occurrence #: 74

Common Name: Regal Fritillary

SD Protection Status:

Location Information: Latitude: 445310N Longitude: 0963155W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020003	Lac Qui Parle	116N048W	1	5P	NE4NW4
<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>			<u>State</u>
Deuel	SD	Clear Lake NE			SD

## Directions:

3 MILES NORTH AND 7 MILES EAST OF ALTAMONT, TNC'S ALTAMONT PRAIRIE

## Survey Information:

First Observation: 1992

Survey Date:

Last Observation: 1995-07-11

Eo Type:

Eo Rank:

Eo Rank Date:

Observed Area:

## Comments:

General Description: NORTHERN TALLGRASS PRAIRIE, SEVERE INFESTATION OF LEAFY SPURGE.

Comments:

# Element Occurrence Record

Ex. A15-3

Protection  
Comments:

Management  
Comments:

**Data:** SIX REGAL FRITILLARIES SEEN IN 1992. 1995-07-11 REISER (U97REI01SDUS) REPORTED 6 MALES. Surveyed during 2012 for Dakota skippers and no regal fritillaries were observed.

**Scientific Name:** *Spiranthes magnicamporum*

**Occurrence #:** 9

**Common Name:** Great Plains Ladies' Tresses

**SD Protection Status:**

**Location Information:** **Latitude:** 445342N **Longitude:** 0964253W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township</u> <u>Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
10170202	Upper Big Sioux	117N049W	33	5P	W2
<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>			<u>State</u>
Deuel	SD	Tunerville			SD

**Directions:**

COTEAU PRAIRIE, CA. 20 MI E OF WATERTOWN.

**Survey Information:**

**First Observation:** 1982

**Survey Date:**

**Last Observation:** 1982

**Eo Type:**

**Eo Rank:**

**Eo Rank Date:**

**Observed Area:**

**Comments:**

**General**  
**Description:**

**Comments:**

**Protection**  
**Comments:**

**Management**  
**Comments:**

**Data:** 7 PLANTS OBSERVED.

**Scientific Name:** *Spiranthes magnicamporum*

**Occurrence #:** 11

**Common Name:** Great Plains Ladies' Tresses

**SD Protection Status:**

# Element Occurrence Record

Ex. A15-3

**Location Information:**      **Latitude:** 450304N      **Longitude:** 0963240W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020001	Upper Minnesota	118N048W	2	5P	

  

<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>	<u>State</u>
Grant	SD	Revilla	SD

**Directions:**

ALBEE, SOUTH DAKOTA.

**Survey Information:**

**First Observation:** 1923      **Survey Date:**      **Last Observation:** 1923

**Eo Type:**      **Eo Rank:**      **Eo Rank Date:**

**Observed Area:**

**Comments:**

**General Description:**

**Comments:** ORIGINAL SPEC. AS S.STRICTA. ANNOT. AS. MAGNICAMPORUM BY P.MCATLING, U. OF TORONTO, 1979.

**Protection Comments:**

**Management Comments:**

**Data:** A SPECIMEN SENT TO JOHN MOORE.

**Scientific Name:** *Trifolium beckwithii*      **Occurrence #:** 7

**Common Name:** Beckwith Clover      **SD Protection Status:**

**Location Information:**      **Latitude:** 443610N      **Longitude:** 0963820W

<u>Watershed Code</u>	<u>Watershed</u>	<u>Township Range</u>	<u>Section</u>	<u>Meridian</u>	<u>TRS Note</u>
07020003	Lac Qui Parle	113N048W	7	5P	SE4SW4SW4

  

<u>County Name</u>	<u>State</u>	<u>Quadrangle</u>	<u>State</u>
Deuel	SD	Toronto	SD

**Directions:**

QUAIL PRAIRIE, 2 MI N AND 0.12 MI E OF TORONTO.

## Element Occurrence Record

Ex. A15-3

### Survey Information:

First Observation: 1983

Survey Date: 1984-07-13

Last Observation: 1984-07-13

Eo Type:

Eo Rank: A

Eo Rank Date:

Observed Area: 40.00

### Comments:

General Description: TALL GRASS PRAIRIE MEADOW ALONG COBB CREEK ON E SIDE OF ABANDON RAILROAD BED AND N OF COUNTY GRAVEL ROAD.

Comments: COLLECTIONS: ODE 84-55, 84-105.

Protection Comments: REGISTERED AS A SD NATURAL AREA 1/86. BENSON REVISITED 6/89.

Management Comments: ANNUALLY FALL MOWED FOR HAY.

Data: OCCASIONAL AS SMALL RHIZOMATOUS CLONES. FEW FLOWERING INDIVIDUALS FOUND. OCCURS IN NATIVE PRAIRIE ALONG SPARTINA SWALE IN MOIST, BLACK, PEATY LOAM. ASSOCIATED WITH CAREX AUREA, C.AQUATILIS, C.INTERIOR, GLYCERIA STRIATA, SENECIO...