

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

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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

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<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 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...