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VOL. 49 MARCH 1997 NO. 1

IN THIS ISSUE

LE CONTE'S SPARROW by Jon Little	Cover
PRESIDENT'S PAGE	3
BANDING AT ABERDEEN, SOUTH DAKOTA, 1995 - 1996: WITH NOTES ON THE HOUSE FINCH INVASION by Dan Tallman.....	5
SDOU MEMBERSHIP LIST.....	9
GENERAL NOTES — Clark's Grebe-Western Grebe Pair at Sand Lake; Mockingbirds in Aberdeen; Odd Blackburnian Warbler Feeding Behavior; Color Banded House Finches; White-Faced Ibis in Hyde County; Black-Throated Blue Warbler in Hyde County; Winter Sighting of Lincoln's Sparrow in Stanley County	17
BOOK REVIEWS.....	19
SEASONAL REPORTS	21

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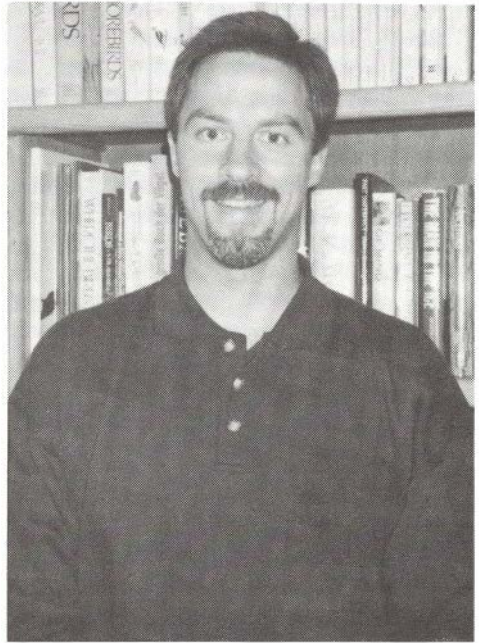


PRESIDENT'S PAGE

I'm writing this column just after the mid-January blizzard, and we still have seven-foot snow drifts blocking our driveway. Naturally, I thought this would be a perfect time to continue my discussion of how birds tolerate winter cold! I'll begin by reviewing the physiological adjustments that birds make to winter cold and finish with behavioral adjustments.

Because they maintain a constant high body temperature (usually about 41° C, or 106° F) under most circumstances, as air temperature drops, birds must increase heat production. Birds do this primarily, if not exclusively, by shivering. They shiver isometrically, which means that opposing muscle groups work against each other. This has the advantage of creating very little movement on the body surface, causing little disruption of the surface insulation layer, so that warm air stays near the body surface. This contrasts with shivering in mammals, where muscle tremors produce marked disturbance of the surface insulation layer. Winter birds typically exhibit increased shivering endurance (and, consequently, cold resistance) compared to their summer counterparts. For example, winter American Goldfinches in Michigan tolerated exposure to -70° C (-94° F) for 6-8 hours or more, while summer birds became hypothermic in less than one hour (Dawson, W. R. and C. Carey. 1976. Seasonal acclimatization to temperature in Cardueline finches. I. Insulative and metabolic adjustments. *J. Comp. Physiol.* 112:317-333). The physiological and biochemical mechanisms responsible for this winter improvement in cold resistance are incompletely understood, but appear to involve changes in carbohydrate and fat metabolism (an increased reliance on fat in winter), in size of the flight muscles (increased mass in winter), and in the ability of the blood to carry oxygen to working muscles (increased capacity to carry oxygen in winter).

Most small birds wintering in cold climates also show elevated maximal capacity for heat production in winter relative to summer. Summer to winter increases in capacity for heat production range from 16% for American Goldfinches in Michigan to about 50% in Downy Woodpeckers and White-breasted Nuthatches from South Dakota. The



significance of this winter increase in maximal capacity for heat production to winter improvement of cold resistance is not certain, but increased maximal capacities are closely correlated with improved endurance at suboptimal levels of heat production. Basal metabolic rate (BMR, or minimal resting metabolic rate) also increases in winter, compared to summer in many, but not all, small birds wintering in cold climates. Winter increases in BMR suggest higher energy costs associated with maintenance of thermogenic tissues (muscles) and support tissues involved in supplying energy and oxygen to shivering muscles (gut, heart, liver, etc.). Interestingly, the very few birds studied to date show winter increases in the mass of both heat producing and support tissues.

Another interesting physiological adaptation to cold for a number of birds is the use of regulated hypothermia and torpor. Body temperature in most small birds drops by about 2-3° C at night (less for larger birds), but some birds can allow body temperature to drop more markedly. Some birds, including Black-capped Chickadees and a few other tits, show a nighttime reduction in body temperature of 10-12° C (18-22° F) below daytime levels. This is known as regulated hypothermia, and acts to reduce the difference in temperature between the bird and its environment. This, in turn, reduces the flow of heat from bird to environment and markedly lowers energy costs for regulation of body temperature. Indeed, Black-capped Chickadees in New York save up to 32% on overnight energy expenditures for thermoregulation when using regulated hypothermia. Chickadees are still capable of activity and flight at these reduced body temperatures.

More extreme cases of body temperature reduction for saving energy occur in such birds as hummingbirds, swifts, and goatsuckers. These birds enter nightly torpor under conditions of cold and food deprivation. In the torpid state, these birds become unresponsive to stimuli. Body temperature approaches environmental temperature down to certain levels (usually about 5-15° C (41-60° F)). This results in substantial energy savings for the same reasons as in regulated hypothermia. Neither regulated hypothermia nor torpor result from any failure of the thermoregulatory system. Instead, body temperature is carefully controlled at the lower level in order to generate energy savings. Torpor is not found in birds wintering in cold climates and is generally not used under severe cold even in those birds regularly practicing torpor. Presumably this is because energetic costs of rewarming become prohibitive at extremely low temperatures.

Birds can also respond to winter cold by behavioral adjustments. Most birds show postural changes in the cold, such as tucking their legs and bill into their feathers, thus reducing exposed surface area. Also, birds are adept at selecting favorable microclimates for roosting that protect them from wind, precipitation, and radiative cooling. For example, a number of small birds roost in cavities (woodpeckers, nuthatches, chickadees), while others roost in thick foliage, principally conifers. In the latter case, goldfinches may save up to 50% on their overnight energy expenditures by roosting in thick foliage rather than in the open. For juncos, the energy savings appears more modest, but still amounts to 10% of overnight energy costs. Several birds, including some Galliformes and a few passerines such as redpolls and tits, use

snow burrows for roosting, which result in substantial energy savings. Generally these burrows remain open for the passerines, but are often closed for the Galliformes. A few birds, including creepers, bushtits, Northern Bobwhite, and Gray Partridge, huddle in small groups during cold weather. Bushtits can save 20% or more on overnight energy expenditures simply by huddling in pairs, while partridges can save up to 24% by huddling in small groups. Northern Bobwhite huddle in circular formations, with tails toward the center and heads facing outward. Huddles become tighter as temperatures fall.

Finally, some birds show adjustments in feeding behavior in response to winter cold. Greater foraging intensities in cold weather relative to warmer weather have been documented for a number of birds. Common Redpolls begin foraging at lower light intensities in the winter than in the summer, which is of obvious advantage, considering the short days available for foraging throughout its winter range. A number of birds, including chickadees, nuthatches, jays, and some woodpeckers, cache food to provide readily available food sources throughout the winter.

Taken together, the physical, physiological, and behavioral adjustments that are available to wintering birds provide an arsenal for dealing with environmental conditions that seem downright unlivable to us. Hopefully, these interesting tidbits will enhance your enjoyment of watching winter birds in South Dakota. *David Swanson, Department of Biology, USD, Vermillion, SD 57401.*

BANDING AT ABERDEEN, SOUTH DAKOTA, 1995 - 1996: WITH NOTES ON THE HOUSE FINCH INVASION

Dan Tallman

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This paper reports the results of my banding at Aberdeen, SD, for 1995 - 1996. All banding was done in my residential backyard at 1709 North Jay Street. Results, presented in Table 2, compare these two years of banding with the previous ten, all from the same banding station.

The most striking ornithological development during the past decade has been the invasion of the House Finch into eastern South Dakota. As shown in Table 1, this species has skyrocketed since the late 1980's. This population explosion is dramatically reflected in the banding data. Only four birds were captured in 1990, while, just six years later, 542 were banded. Four recoveries have been made of these banded House Finches: two from North Dakota, one from the Selby corner, and one from Huron. It would appear that this species is developing migratory patterns in South Dakota, as it has elsewhere in the eastern United States. None of the House Finches showed effects of the conjunctivitis afflicting more eastern populations of this species until December 1996.

Two other local recoveries are of interest. An adult female Common Grackle that I banded on 5 June 1989 was retrapped on 27 July 1996 (band 1433-30934) and thus was at least seven years old. Another grackle banded as a first year bird of unknown sex on 18 June 1989 was retrapped on 24 July 1996 (band 1423-65691), and was thus seven years old.

The most striking anomaly in the data in Table 2 is the massive increase in numbers of American Tree Sparrows banded in 1996 (255 vs. an average of 13.1) Almost all of these were banded in the snowy, wet spring. I have no ready explanation for the increase. Did this species undergo a population explosion? Did the wet conditions in the countryside force birds into the city? Or, perhaps, the discovery of urban feeders is fortuitous and subsequent individuals were attracted to the feeder by earlier migrants.

Two other examples of higher than expected numbers were Red-breasted Nuthatches and Ruby-crowned Kinglets in 1995. Sixty nuthatches were banded; the previous high had been 25. An invasion of this species was noted across the state during 1995. Fifty-seven kinglets were banded.

A decrease in neotropical migrants was not noted in the report period. A number of birds were banded in record numbers in 1996. These include Least Flycatchers and Swainson's Thrushes. One reason for this increase may be that I banded birds for about 10 extra days in May, compared with previous years.

Table 2. Banding at Aberdeen, SD, 1995 - 1996. Results are compared to data compiled during the past ten years (1985 - 1984) at the same banding station, including minimum (min), maximum (max) and average (ave) numbers during the decade.

	min	max	ave	1995	1996
Sharp-shinned Hawk	0	7	2.6	5	3
Cooper's Hawk	0	1	0.2	0	0
Broad-winged Hawk	0	2	0.2	0	0
Merlin	0	1	0.1	0	0
Mourning Dove	1	25	6.6	7	21
Black-billed Cuckoo	0	1	0.3	0	0
Eastern Screech-Owl	0	2	0.9	0	0
Saw-whet Owl	0	8	3.3	1	3
Yellow-bellied Sapsucker	0	2	0.5	1	0
Downy Woodpecker	0	17	8	7	5
Hairy Woodpecker	0	4	1	1	1
Northern Flicker	1	15	7.1	5	3
Olive-sided Flycatcher	0	1	0.2	0	0
Eastern Wood-Pewee	0	1	0.1	0	0
Yellow-bellied Flycatcher	0	4	1.3	3	1
Least Flycatcher	3	32	12.7	26	48
Traill's Flycatcher	0	29	8.6	17	19
Cordilleran Flycatcher	0	1	0.1	0	0
Eastern Phoebe	0	2	0.3	0	0
Great Crested Flycatcher	0	1	0.1	0	0
Barn Swallow	0	1	0.1	0	0
Blue Jay	1	8	4.9	5	22
Black-capped Chickadee	17	50	39.2	56	39
Red-breasted Nuthatch	0	25	7.3	60	25

Table 1.

House Finch banding totals	
1985	1
1986	0
1987	0
1988	0
1989	0
1990	4
1991	13
1992	126
1993	121
1994	447
1995	499
1996	542

	min	max	ave	1995	1996
White-breasted Nuthatch	1	17	7.5	2	1
Brown Creeper	2	17	7.1	17	8
House Wren	1	29	15.2	23	31
Winter Wren	0	1	0.2	0	0
Golden-crowned Kinglet	3	31	14.7	15	4
Ruby-crowned Kinglet	17	51	31.6	57	33
Veery	0	2	0.9	3	2
Gray-cheeked Thrush	0	11	5.9	13	7
Swainson's Thrush	31	85	58.3	83	104
Hermit Thrush	0	15	4.5	5	6
American Robin	70	241	132.1	71	61
Gray Catbird	1	27	8.4	14	30
Brown Thrasher	3	18	9.5	10	5
Bohemian Waxwing	0	11	1.5	0	0
Cedar Waxwing	2	57	12	3	13
Northern Shrike	0	9	1.6	0	0
European Starling	0	5	2.7	0	2
Solitary Vireo	0	2	0.6	3	3
Warbling Vireo	1	6	3.5	4	12
Philadelphia Vireo	0	1	0.5	0	2
Red-eyed Vireo	2	13	6.8	13	7
Golden-winged Warbler	0	1	0.1	1	1
Tennessee Warbler	0	17	5.9	5	5
Orange-crowned Warbler	0	76	37	80	47
Nashville Warbler	0	7	2.9	3	9
Yellow Warbler	1	13	6	7	26
Chestnut-sided Warbler	0	2	0.5	2	3
Magnolia Warbler	0	5	1.3	1	12
Black-throated Blue Warbler	0	3	0.7	0	1
Yellow-rumped Warbler	7	43	23.3	9	7
Black-throated Green Warbler	0	1	0.1	0	0
Townsend's Warbler	0	1	0.1	0	0
Palm Warbler	0	2	0.5	0	0
Bay-breasted Warbler	0	2	0.6	1	0
Blackpoll Warbler	0	11	2.6	2	4
Black-and-white Warbler	3	17	6.2	16	21
American Redstart	2	11	5.4	17	16
Worm-eating Warbler	0	1	0.1	0	0
Ovenbird	5	17	9.8	26	36
Northern Waterthrush	0	11	2.6	14	16
Connecticut Warbler	0	2	0.4	1	1
Mourning Warbler	2	21	8.5	10	28
MacGillivray's Warbler	0	3	0.5	1	0
Common Yellowthroat	1	10	4.3	9	9
Wilson's Warbler	4	20	10.6	18	7
Canada Warbler	0	2	0.8	7	2
Yellow-breasted Chat	0	1	0.3	0	0
Scarlet Tanager	0	1	0.1	0	0
Northern Cardinal	0	1	0.1	0	1
Rose-breasted Grosbeak	0	4	1.3	5	1

	min	max	ave	1995	1996
Black-headed Grosbeak	0	1	0.1	0	0
Lazull Bunting	0	2	0.2	0	1
Indigo Bunting	0	0	0	0	0
Spotted Towhee	0	3	0.9	1	4
Tree Sparrow	1	29	13.1	24	255
Chipping Sparrow	2	30	9.7	10	22
Clay-colored Sparrow	0	19	3.7	2	22
Field Sparrow	0	2	0.4	3	0
Fox Sparrow	0	3	0.6	4	14
Song Sparrow	0	5	2.4	6	2
Lincoln's Sparrow	3	30	13.5	13	27
Swamp Sparrow	0	2	0.7	0	0
White-throated Sparrow	21	92	44.6	116	44
White-crowned Sparrow	0	28	5	2	5
Harris' Sparrow	3	40	11.9	2	10
Dark-eyed Junco	112	626	373	816	708
Oregon Junco	0	6	1.7	6	4
Red-winged Blackbird	0	13	3.4	0	1
Yellow-headed Blackbird	0	3	0.3	3	0
Rusty Blackbird	0	1	0.1	0	0
Common Grackle	24	169	73.6	32	61
Brown-headed Cowbird	0	3	0.6	2	1
Orchard Oriole	0	5	0.6	1	0
Baltimore Oriole	0	5	1	1	0
Pine Grosbeak	0	1	0.1	0	0
Purple Finch	4	55	26.8	9	16
House Finch	0	447	71.4	499	542
Red Crossbill	0	16	4.4	0	1
White-winged Crossbill	0	7	1.1	0	0
Common Redpoll	1	1236	330.9	5	712
Hoary Redpoll	0	6	1.4	0	1
Pine Siskin	118	2179	697.1	339	182
American Goldfinch	31	377	123.6	178	26
House Sparrow	0	4	0.6	3	14
Evening Grosbeak	0	1	0.3	0	0
number of individuals				2842	3449

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GENERAL NOTES

CLARK'S GREBE-WESTERN GREBE PAIR AT SAND LAKE. On 25 June 1996, we drove to Sand Lake NWR in search of Clark's Grebes reported to us by Eric Likness. Eric directed us to the picnic area south of the headquarters, but, finding no birds there, we drove to the lake shore drive directly east of the headquarters. We had barely turned onto the road before we spotted a pair of grebes. The larger of the two birds (both in body and bill size) was clearly a Clark's Grebe. This bird, presumably a male, had an eye surrounded by a large area of white. The female, carrying a relatively large chick on her back, however, was definitely a Western Grebe. Her eye was surrounded by black.

The male dove and disappeared. We began to doubt our identification. Was this really a hybrid pair? We reconfirmed the identity of the female. The male was still nowhere in sight. We got out of the car and walked toward the lake. We discovered the male at close range, where he had resurfaced near the shore, out of sight from the road. This bird was definitely a Clark's Grebe. Compared to the Western Grebe, the Clark's bill was much clearer yellow and was generally much paler than that of his mate. The male dove again and resurfaced nearer to the female, who remained about 90 meters from the shore. In his bill, he carried what appeared to be a small bullhead, the size of a large minnow. The female immediately swam toward the male. He swam near her, carrying the bullhead all the while. It appeared to us that the male was waiting for the fish to die. After a couple of minutes, the male allowed the female to take the fish from his bill. She held it for a few seconds and then the bullhead disappeared down her gullet. During this whole sequence, the young bird rode motionlessly on the female's back.

Storer and Nuechterlein (1993. *The Birds of North America* 26:17-22) state that, although intermediate-plumaged birds appear in most populations, suspected hybrids are relatively uncommon. Mixed species pairs comprise less than 5% of populations in Oregon. They further report that hybrids appear to be fertile but are less likely to find mates early in courtship. *Dan Tallman and Arlen Hanson, Northern State University, Aberdeen SD 57401.*

MOCKINGBIRDS IN ABERDEEN. A pair of mockingbirds made their appearance in Aberdeen on 5 November 1995, a cool but clear day. I first heard, then spotted the birds in a large cottonwood tree bordering a school playground in the southwest part of town. The two appeared to be sparring for rights to the tree and, at times, even appeared to be displaying. I was able to get within 20 feet of the birds and they seemed little disturbed by me. The white on the wings and tail, plus the slender, thrasher-like appearance, cinched the identification. Both birds also were very evident when they flew from branch to branch. I observed the pair for several minutes, but eventually lost sight of them as they proceeded up the tall tree. *Jerry Stanford, 108 15th Ave SE, Aberdeen SD 57401.*

ODD BLACKBURNIAN WARBLER FEEDING BEHAVIOR. On 22 May 1996 and for the next two days, I observed a male Blackburnian Warbler feeding on the street and sidewalk in a residential area of Aberdeen. The bird fed on the ground among elm detritus. I do not know if it ate the plants or small insects among them. I suspect I observed the same bird each day, but, of course, I can not be certain. The bird was relatively tame but appeared to be healthy. *Dan Tallman, Northern State University, Aberdeen SD 57401.*

COLOR-BANDED HOUSE FINCHES. House Finches have been color-banded in and around Mankato and North Mankato, MN. We ask that observers be alert to possible sightings of these birds. Each bird wears a U. S. Fish and Wildlife Service band plus three colored bands, so that there are two bands on each leg. The possible colored bands are as follows: red, orange, yellow, dark green, light green, dark blue, light blue, and white. It is important that we know the exact combination of the metal and colored bands carried on each leg. Please send observations with as much information as possible (such as date, location of the sighting, and sex) to *Merrill Frydendall, Department of Biology, Box 34, Mankato State University, Mankato, MN 56001; E-mail: merrill_frydendall @mankato.msus.edu.*

WHITE-FACED IBIS IN HYDE COUNTY. On 25 August 1996, Jim Faulstich called to say that earlier in the week he had seen about 40 flying birds near Lake Louise, in Hyde Co. He believed they were White-faced Ibis. I arrived at the site at 6 PM and saw seven White-faced Ibis feeding. We watched with binoculars for about 20 minutes and snapped some photos. Then Jim took the camera and walked slowly towards the birds and got a closer snapshot. The photos show the coloring and down-curved bills. We don't have a previous record of the species in Hyde Co. *June Harter, PO Box 236, Highmore, SD 57345.*

BLACK-THROATED BLUE WARBLER IN HYDE COUNTY. On 4 October 1996, when I walked into the garage, I heard the familiar sound of a bird fluttering at the window, noticed that it was a warbler, and caught it. I checked its markings carefully before turning it loose. It was a male Black-throated Blue Warbler, with a blue-gray back edged with black on the sides, black throat, white underparts, and pointed warbler beak and size. The time was about 5:30 PM on a nice day. I have previous records of the species in my yard. *June Harter, PO Box 236, Highmore, SD 57345.*

WINTER SIGHTING OF LINCOLN'S SPARROW IN STANLEY COUNTY. While participating in the Pierre-Fort Pierre Christmas Bird Count on 16 December 16 1995, we observed a single Lincoln's Sparrow. We saw the bird at 2:15 PM along a dirt road running through land managed by the U.S. Army Corps of Engineers, approximately 2.5 miles northwest of Oahe Dam. The bird was feeding on seeds on and along the dirt road. Surrounding habitat was mostly native rangeland. The bird allowed us to approach to within eight feet and was viewed with binoculars and the naked eye.

The Lincoln's Sparrow is considered an uncommon to fairly common migrant in South Dakota. *The Birds of South Dakota* (1991) lists the latest documented fall migration date as 5 November 1977, in Fall River County. Its typical winter distribution includes extreme southern British

Columbia south to Baja California, east through the southern parts of the southwestern states as far east as southern Missouri, south through Mexico and portions of Central America (Ammon, E. M. 1995. Lincoln's Sparrow (*Melospiza lincolni*). In *The Birds of North America*, No. 191 (A. Poole and F. Gill, eds.). The Academy of Natural Sciences, Philadelphia, and The American Ornithologists' Union, Washington, D.C.)

Although not a typical bird feeder visitor, Lincoln's Sparrows were reported 56 times to the Cornell Laboratory of Ornithology's Project FeederWatch in 1995. Most reports were of one to two birds at a time, primarily from California, Washington, New Mexico, and Texas (Diane Tessaglia, pers. comm.). The Rare Bird Records Committee of the South Dakota Ornithologists' Union categorized this report as a Class 2 sighting. Eileen Dowd Stukel and James Stukel, 119 N. Madison, Pierre, SD 57501



BOOK REVIEWS

BIRDER'S GUIDE TO TEXAS—Edward A. Kutac. 1993. Gulf Publishing Company, Houston. 282 pp. Soft bound \$13.95.

BIRDER'S GUIDE TO FRANCE—Ligue Francaise pour la Protection des Oiseaux. 1992. Gulf Publishing Company, Houston. 282 pp. Soft bound \$16.95.

A BIRDER'S WEST INDIES—Roland H. Wauer. 1996. University of Texas Press, Austin. 238 pp. Soft bound \$19.95.

Our "snow birds," people who flee frigid South Dakota in the winter, will be interested in the *Birder's Guide to Texas*. It will certainly direct the reader to birding locations. The text includes maps and black and white illustrations. The latter are superfluous; they are nice but do not add to bird finding or identification. The maps seem woefully undetailed and do not include a scale of miles. This omission will make finding precise locations extremely difficult. The book ends with a collection of appendices, including a taxonomic list of Texas birds, Texas bird organizations (which will be of particular aid to the bird finder), and scientific bird collections in Texas.

Birders going farther afield to France will have similar problems with the *Birder's Guide to France*. At least here the maps have a mileage (kilometer) scale. Again, the maps seem rather crude. Perhaps we are spoiled by the excellent maps in Eckert's *Bird Finding in Minnesota*. Again the text is illustrated with superfluous birds, space that could have been better used for larger maps or more birding locations. This book is certainly worth taking with you to France—you will be led in the proper direction and may be given some inspiration for places to visit. However, it may not lead you to exact spots for specific birds, although there are a few exceptions, where directions for individual species are given.

The third book, on the West Indies, is an interesting one. It begins with the usual bird finding book information on local logistics and personal concerns, as well as a bird list showing on which islands the vari-

ous birds are found. The bulk of the book is an essay describing the author's search for endemic West Indian birds. This makes enjoyable reading, even if the West Indies are but a frozen South Dakota dream. But be warned, the title is somewhat misleading, since not all the West Indian islands are covered, even in brief.

For the islands that are covered, it is nearly impossible to locate where the author found birds. Except for one map of the West Indies, there are no maps at all! A frustrating example of the inadequacy of this book is in the following passage, describing Jamaica, "We had spent a good part of the day with Robert Sutton at his 300-acre ranch and bird preserve (Marshall's Pen) and had taken his advice on the birdiest route across the Cockpit Country Uplands." Where is this ranch? What route did they take? We know what birds to look for, but we don't know precise locations to search. *Dan Tallman, Northern State University, Aberdeen SD 57401.*

THE PRINCETON FIELD GUIDE TO THE BIRDS OF AUSTRALIA—Ken Simpson and Nicolas Day. 1996. Princeton University Press, Princeton. 400 pp. Soft bound \$39.50.

I wish I had this book when I visited Australia. Really it is two books in one. First is a field guide with excellent color illustrations, complete with Peterson-like arrows pointing out salient field marks. Maps and brief species accounts are presented on the page facing each plate. The accounts include a description of plumage, voice, and habitat. The maps are small but adequate. Placed between the map and the species account is often a small black and white illustration depicting some aspect of the bird in question—special field marks, behaviors, or nests.

Two of the illustrations, which are uniformly stunning, deserve particular comment: 1) button quails flying away from the observer are shown headless—just as you might see them in the field; and 2) this is the only field guide I know that shows a dead bird—a White-throated Swift lying on its back on the ground, deader than a door nail. It's not that this species is so rare that dead is the only way you are likely to see it; I suspect the artist became giddy from drawing from too many museum specimens.

The second book (the last quarter of the text) is called a handbook. It includes sections on the ecology and biogeography of Australia and a summary of Australian bird families, complete with many suggestions for further reading. There is simply a lot of information in these pages and would make great reading. Subjects include birding hints, noteworthy behaviors, and a lot of ecology. Included with the family accounts are graphs showing the breeding seasons of all species. The book also reports on the taxonomic conclusions wrought by recent DNA hybridization studies.

If I could go back to Australia and only take one book, this would be it. One final note: the title is a little misleading. This Princeton Press book is actually a new edition of a Penguin book, *Field Guide to the Birds of Australia*. Thus, to call it the Princeton Guide is a bit misleading as it suggests a completely original book, rather than something that has been previously available outside of the United States. *Dan Tallman, Northern State University, Aberdeen SD 57401.*



SEASONAL REPORTS

The 1996 Fall Season

01 August 1996 to 30 November 1996

Compiled By : Jeffrey S. Palmer

College of Natural Sciences

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Madison, SD 57042

Reports were received for 303 species; for comparison, there were only 276 species reported during the fall season last year. A first state record Eurasian Collared Dove and possible first state records for Mew Gull and Black-chinned Hummingbird would have to be considered highlights. Other noteworthy sightings include Red-throated Loon, Brown Pelican, Brant, Surf Scoter, Black-necked Stilt, Pomarine Jaeger, Thayer's Gull, Black-legged Kittiwake, Sabine's Gull, Calliope Hummingbird, Broad-tailed Hummingbird, Rufous Hummingbird, Prothonotary Warbler, and Lesser Goldfinch. The Rare Bird Records Committee should have an active agenda for its next meeting! As always, I have tried to highlight the more significant sightings (dates which are earlier/later than listed in *The Birds of South Dakota* and species which are out of range). For early/late migration dates, I have listed the three earliest/latest dates (by county); however, if these did not include a sighting East River, West River, and along the Missouri River, I have given the earliest/latest date in the missing region also. The table below presents some of the migration "trends" which I would like to begin tracking with the seasonal reports; averages are from the 1994 and 1995 fall seasons. Comments and additional ideas are certainly welcome.

Departure Dates	East River		Missouri River		West River	
	1996	Average	1996	Average	1996	Average
Shorebirds	11 Oct	01 Oct	08 Oct	28 Sep	13 Sep	08 Sep
Vireos & Warblers	17 Sep	21 Sep	18 Sep	10 Sep	10 Sep	20 Sep

Included at the end of this report is a list of species which were not reported this year and might have been expected during the season; a number in parentheses indicates how many consecutive years (out of 2) the species has appeared on the list. Finally, welcome to a "new" contributor: Cheryl M. Wormstadt; we look forward to your contributions to these reports.

Common Loon All Reports: 28 Sep Gregory DS, ETL; 25 Oct Deuel BKH; 02 Nov Butte BAS, VDF; 09 Nov Minnehaha RFS

Pied-billed Grebe Late: 26 Nov Yankton (3) DS; 25 Nov Charles Mix RM; 09 Nov Minnehaha RFS; also 16 Oct Pennington (5) VDF

Horned Grebe Early: 22 Sep Meade BAS; 28 Sep Charles Mix DS, ETL; 28 Sep Kingsbury JSP; Late: 01 Nov Charles Mix LAS; 31 Oct Dewey BKH; 20 Oct Meade SW

Red-necked Grebe All Reports: 16 Oct Yankton ETL; 22 Oct Butte EEM; 02 Nov Butte BAS, VDF

Eared Grebe Late: 16 Nov Kingsbury JSP; 09 Nov Yankton JPS; 20 Oct Meade EEM

Western Grebe Late: 09 Nov Yankton JPS; 02 Nov Butte (80+) BAS, VDF; 02 Nov Kingsbury JSP

Clark's Grebe All Reports: 01 Nov Kingsbury (3) RFS; 20 Aug NB, RB

American White Pelican Late: 09 Nov Yankton JPS; 01 Nov Minnehaha RFS; 26 Oct Kingsbury JSP; also 15 Oct Bennett (6) VDF; "thru Oct" Butte BAS

Double-crested Cormorant Late: 25 Nov Charles Mix RM; 24 Nov Lyman BKH; 24 Nov Yankton JSP; also 02 Nov Kingsbury JSP; 15 Oct Bennett (3) VDF

American Bittern All Reports: 10 Aug (Confirmed Breeding NE 2) Edmunds JDW; 01 Aug Bennett LCS

Least Bittern Only Report: 03 Aug Clark DS

Great Blue Heron Late: 19 Nov Day DRS; 10 Nov Minnehaha RFS; 10 Nov Charles Mix LAS; also 15 Oct Bennett VDF

Great Egret Late: **26 Oct Kingsbury JSP; 23 Oct Roberts (2) BKH;** 17 Oct Brown JCS; also 22 Sep Charles Mix RM

Snowy Egret Late: **17 Oct Brown (4) JCS;** 05 Oct Kingsbury JSP; 30 Sep Bon Homme RM; also 01 Aug Bennett LCS

Little Blue Heron All Reports: 16 Sep Brown (6) SLS; 31 Aug Kingsbury BH; 20 Aug Brown DAT

Tricolored Heron Only Report: **16 Sep Brown SLS**

Cattle Egret Late: **30 Oct Brown (2) SLS;** 20 Oct Deuel BKH; 05 Oct Kingsbury JSP; also 05 Aug Charles Mix LAS; 01 Aug Bennett LCS

Green Heron Late: 08 Sep Edmunds JDW; 07 Sep Brookings JSP; 08 Aug Charles Mix LAS

Black-crowned Night-Heron Late: 02 Nov Kingsbury JSP; 22 Sep Charles Mix RM; 15 Aug Beadle (4+) BKH; also 01 Aug Bennett LCS

White-faced Ibis Late: **12 Oct Minnehaha (3) JPS;** 17 Sep Douglas LAS; 08 Sep Hand (200+) *fide* BKH; also 01 Aug Bennett LCS

Tundra Swan Early: 07 Oct Brown (2) SLS; 14 Oct Kingsbury JSP; 05 Nov Roberts (14) BKH; Late: 18 Nov Brown (15) JCS; 26 Oct Kingsbury JSP; Peak: 30 Oct Brown (400) SLS

Trumpeter Swan All Reports: 01 Aug Bennett LCS; 27 Sep Bennett (16) DGP; 15 Oct Bennett (20+) VDF; 02 Nov Butte (4) BAS

Greater White-fronted Goose Early: 12 Oct Bennett (102) LCS; 14 Oct Brown DAT; 27 Oct Lincoln RFS; Late: **11 Nov Hughes JCS; 09 Nov Charles Mix LAS;** 02 Nov Butte BAS; also 01 Nov Kingsbury RFS

Snow Goose Early: 31 Aug Kingsbury BH; 07 Sep Clark (2) JSP; 26 Sep Custer (30) MMM; Late: 24 Nov Yankton DS; 16 Nov Lake JSP; 12 Nov Charles Mix LAS; also 10 Nov Butte SW

Ross' Goose All Reports: 09 Oct Brown ETL; **11 Nov Hughes (3) JCS**

Wood Duck Late: 02 Nov Butte (5) BAS, VDF; 27 Oct Minnehaha RFS; 23 Oct Roberts (200) BKH

Green-winged Teal Late: 09 Nov Minnehaha RFS; 02 Nov Kingsbury JSP; 20 Oct Butte BAS; 20 Oct Meade SW

American Black Duck Only Report: 19 Oct Kingsbury JSP

Northern Pintail Late: 30 Nov Minnehaha RFS; 13 Nov Charles Mix LAS; 26 Oct Kingsbury JSP; also 15 Oct Bennett (20) VDF

Blue-winged Teal Late: 19 Oct Kingsbury JSP; 15 Oct Bennett (2) VDF; 12 Oct Minnehaha JPS; also 10 Oct Charles Mix LAS

Cinnamon Teal Only Report: **22 Sep Harding EEM**

Northern Shoveler Late: **24 Nov Yankton JSP**; 10 Nov Minnehaha RFS; 05 Nov Hamlin (6000) BKH; also "all period" Butte EEM

Gadwall Late: 24 Nov Yankton JSP; 12 Nov Pennington (10+) NRW; 02 Nov Butte (6) VDF; also 27 Oct Deuel (1500) BKH

American Wigeon Late: 09 Nov Charles Mix JPS; 02 Nov Kingsbury JSP; 27 Oct Lincoln RFS; also 20 Oct Meade SW

Canvasback Late: **26 Nov Pennington NRW**; 16 Nov Kingsbury JSP; 09 Nov Minnehaha RFS; also 24 Oct Charles Mix LAS

Redhead Late: 26 Nov Pennington (2) NRW; 23 Nov Gregory RFS, JSP; 10 Nov Butte SW

Ring-necked Duck Late: 27 Oct Lincoln RFS; 19 Oct Kingsbury JSP; 18 Oct Charles Mix LAS; also 13 Oct Harding (20) VDF

Greater Scaup Only Report: 09 Nov Minnehaha RFS

Oldsquaw Only Report: 07 Nov Charles Mix LAS

White-winged Scoter All Reports: 04 Nov Deuel (2) BKH; 16 Nov Yankton (2) ETL, DS; **24 Nov Yankton JSP**

Common Goldeneye Early: 02 Nov Bennett (85) LCS; 02 Nov Kingsbury JSP; 03 Nov Deuel BKH; also 09 Nov Yankton JPS

Barrow's Goldeneye Only Report: 27 Nov Pennington (1 male first seen 22 Nov by Les Baylor) NRW

Bufflehead Early: **05 Oct Kingsbury JSP**; 12 Oct Bennett LCS; 13 Oct Harding BAS, VDF; also 18 Oct Charles Mix LAS

Hooded Merganser Early: 28 Aug Pennington JLB; 12 Oct Bennett (4) LCS; 24 Oct Brown (4) SLS; Late: 23 Nov Gregory RFS, JSP; 16 Nov Kingsbury JSP; 04 Nov Deuel BKH; also 01 Nov Charles Mix LAS

Common Merganser Early: 13 Oct Butte (3) BAS, VDF; 01 Nov Charles Mix LAS; 04 Nov Deuel (2) BKH

Red-breasted Merganser All Reports: 02 Nov Kingsbury RFS; 09 Nov Yankton JPS; 16 Nov Yankton (2+) DS

Ruddy Duck Late: 20 Nov Butte SW; 16 Nov Kingsbury JSP; 09 Nov Minnehaha RFS; also 01 Nov Charles Mix LAS

Turkey Vulture Late: 29 Oct Custer CMW; 27 Sep Roberts *vide* BKH; 17 Sep Pennington TJ; also 07 Sep Charles Mix LAS; Confirmed Breeding: 09 Aug Minnehaha (NY 1) GWB

Osprey Early: **04 Aug Oahe Dam (2) DB**; 25 Aug Pennington DGP; 14 Sep Charles Mix RM; 14 Sep Brown SLS; Late: **08 Nov Stanley DGP**; 02 Nov Roberts BKH; 20 Oct Gregory DS; also 13 Oct Harding BAS, VDF

Bald Eagle Early: 01 Aug Bennett LCS; 03 Aug Day DRS; 15 Aug Gregory RM

Northern Harrier Late: 30 Nov Butte BAS; 28 Nov Custer (2) MMM; 11 Nov Minnehaha RFS; 11 Nov Charles Mix LAS

Sharp-shinned Hawk Early: 30 Aug Tripp RAP; 01 Sep Lawrence DGP; 02 Sep Harding MMM; also 13 Oct Brookings NRW; 19 Oct Charles Mix LAS

Northern Goshawk Early: 25 Aug Pennington and 14 Sep Lawrence DGP; 17 Nov Hughes ME; 17 Nov Brown DAT

Broad-winged Hawk All Reports: 24 Sep Hughes (large migration all day, 100+) DB; 17 Sep Edmunds BKH; 12 Sep Fall River DGP

Swainson's Hawk Late: 05 Oct Kingsbury JSP; 28 Sep Gregory (50+) LAS; 22 Sep Harding EEM; 22 Sep Butte SW; also 11 Oct "East River" NRW

Rough-legged Hawk Early: 10 Sep Bennett LCS; 17 Sep Pennington TJ; 04 Oct Butte BAS; also 09 Nov Clay DS; 17 Nov Edmunds DGP

Merlin reported from Butte, Charles Mix, Custer, Day, Harding, Kingsbury, Lawrence, Meade, Minnehaha, Potter, Tripp, and Turner counties

Peregrine Falcon All Reports: 09 Oct and 22 Oct Hughes ME; 19 Oct Kingsbury JSP; 26 Oct Deuel BKH; 28 Oct Butte VDF; 17 Nov Hand (2) GV

Gyr Falcon All Reports: 09 Oct - 30 Nov St. Onge, Lawrence County (white phase) BAS, EEM, SW, VDF; 01 Nov Stanley and 03-06 Nov Jones ME; 05 Nov Meade and 17 Nov Edmunds DGP

Prairie Falcon reported 25 Oct - 25 Nov Minnehaha RFS

Ruffed Grouse Only Report: 11 Oct Lawrence DGP

Sage Grouse Only Report: 04 Nov Harding BAS, VDF

Greater Prairie Chicken All Reports: 18 Oct Charles Mix LAS; 08 Nov Tripp RAP

Northern Bobwhite Only Report: 05 Nov Charles Mix LAS

Virginia Rail All Reports: 27 Sep Pennington (1 found dead on fence) NRW; 10 Aug Kingsbury JSP

Sora All Reports: 07 Sep Clark JSP; 01 Sep Meade JLB; 01 Aug Bennett LCS

Sandhill Crane Early: 21 Sep Custer (12) MMM; 08 Oct Charles Mix RM; 15 Oct Bennett LCS; Late: 13 Nov Meade (18) EEM; 05 Nov Deuel (21) BKH; 31 Oct Brown (50) SLS; 31 Oct Beadle (50) JCS; also 23 Oct Roberts (75) BKH; 10 Oct Charles Mix LAS

Whooping Crane All Reports: 27 Oct McPherson (3) SLS; 31 Oct Lawrence VDF; 05 Nov Charles Mix LAS

Black-bellied Plover All Reports: 18 Aug Lake JPS; 24 Aug Brookings JSP; 27 Aug Bennett LCS; 22 Oct Edmunds (9) JDW; 02 Nov Kingsbury JSP

Lesser Golden-Plover All Reports: 07 Sep Brookings and 02 Nov Kingsbury JSP

Semipalmated Plover Late: **14 Oct Kingsbury JSP**; 19 Sep Clark and 27 Aug Roberts BKH

Killdeer Late: **26 Nov Meade EEM**; **25 Nov Clay JS**; 03 Nov Lake RFS; 02 Nov Kingsbury JSP; also 01 Oct Charles Mix LAS

American Avocet Late: **01 Nov Kingsbury** and 27 Oct Lincoln (2) RFS; 15 Oct Bennett VDF

Greater Yellowlegs Late: 01 Nov Kingsbury RFS; 24 Oct Bennett LCS; 13 Oct Butte BAS

Lesser Yellowlegs Late: 19 Oct Kingsbury JSP; 15 Oct Bennett VDF; 24 Aug Charles Mix RM

Solitary Sandpiper All Reports: 21 Sep Kingsbury JSP; 07 Aug Roberts (5) BKH

Willet All Reports: 24 Aug Brown (3) JCS; 01 Aug Bennett LCS

Spotted Sandpiper Late: 28 Sep Gregory DS; 21 Sep Lake JSP; 18 Sep Charles Mix LAS; also 08 Sep Butte SW

Upland Sandpiper Late: **22 Sep Butte SW**; 18 Aug Lake JPS; 03 Aug Pennington (20) MMM

Long-billed Curlew All Reports: 31 Aug Meade NRW; 08 Aug Butte EEM

Hudsonian Godwit Only Report: **21-28 Sep Kingsbury JSP**

Marbled Godwit All Reports: 21 Sep Kingsbury JSP; 02 Aug Bennett LCS

Ruddy Turnstone Only Report: **21 Sep Kingsbury JSP**

Sanderling Late: **26 Oct Kingsbury JSP**; 16 Oct Day (12+) DRS; 30 Aug Hamlin (13) BKH

Semipalmated Sandpiper Late: 28 Sep Kingsbury JSP; 18 Aug Lake JPS; 01 Aug Bennett LCS

Least Sandpiper Late: 19 Oct Kingsbury JSP; 20 Aug Brown DAT; 18 Aug Lake JPS

White-rumped Sandpiper All Reports: **10 Aug Brown (4) JCS; 14 Oct Kingsbury JSP**

Baird's Sandpiper All Reports: 14 Oct Kingsbury JSP; 18 Aug Lake JPS; 01 Aug Bennett LCS

Pectoral Sandpiper Late: 23 Oct Roberts BKH; 19 Oct Kingsbury JSP; 20 Aug Brown DAT

Dunlin Late: 03 Nov Lake (2) RFS; 26 Oct Miner JSP; 20 Aug Brown DAT

Stilt Sandpiper Late: **02 Nov Hamlin RFS**; 19 Oct Kingsbury JSP; 08 Sep Hand *fide* BKH; also 01 Aug Bennett LCS

Buff-breasted Sandpiper All Reports: 24 Aug and **21 Sep Brookings JSP**; 29 Aug Roberts (12+) DRS; 31 Aug Kingsbury (3) BH

Long-billed Dowitcher Late: **03 Nov Kingsbury RFS**; 26 Oct Miner JSP; 15 Oct Bennett (20) VDF

Common Snipe Late: 26 Nov Meade (12) EEM; 16 Nov Brown JCS; 02 Nov Lincoln JPS; also 25 Oct Yankton LAS

American Woodcock Only Report: 26 Oct Deuel BKH

Wilson's Phalarope All Reports: 14 Sep Kingsbury JSP; 31 Aug Meade (2) NRW; 01 Aug Bennett LCS

Red-necked Phalarope All Reports: 28 Aug Pennington JLB; 24 Sep Faulk (4) BKH

Franklin's Gull Late: 30 Nov Oahe Dam DB; 03 Nov Lake RFS; 19 Oct Kingsbury JSP; also 26 Aug Bennett LCS

Bonaparte's Gull Early: **06 Aug Day (2) DRS**; 14 Sep Kingsbury JSP; 12 Oct Brookings TJ; Late: 31 Oct Day DRS; 26 Oct Kingsbury JSP

California Gull All Reports: **05 Nov Codington (3) BKH; 01 Oct Bennett LCS**

Herring Gull Early: 20 Oct Fort Randall Tailrace DS; 26 Oct Kingsbury JSP

Glaucous Gull Early: **24 Nov Yankton JSP**; 25 Nov Oahe Dam BKH

Common Tern All Reports: 24 Aug Charles Mix RM; also from Day County DRS

Forster's Tern All Reports: **14 Oct Kingsbury JSP**; also from Day County DRS

Black Tern Late: 21 Sep Kingsbury JSP; 24 Aug Charles Mix RM; 18 Aug Lake JPS

Mourning Dove Late: 05 Nov Turner LRL; 02 Nov Meade VDF; 14 Oct Kingsbury JSP; also 22 Sep Charles Mix RM

EURASIAN COLLARED DOVE First State Record: **29 Aug - 11 Sep Bowdle, Edmunds County MZ, AH, DAT, JDW**

Black-billed Cuckoo All Reports: 12 Aug Roberts BKH; 04 Aug Stanley (2) DGP

Yellow-billed Cuckoo All Reports: 20 Aug Brown DAT; 01 Aug Perkins (2) MMM

Barn Owl Only Report: **06 Aug Brown (2) JCS**

Snowy Owl Early: 09 Nov Meade (2) EEM; 11 Nov Hughes RH; 13 Nov Brown SLS; also reported from Butte, Hyde, Lyman and Stanley counties

Burrowing Owl All Reports: 10 Aug Corson (9) DCG; 10 Aug Bennett LCS; 05-06 Aug Custer (8) MMM

Long-eared Owl Only Report: 10 Nov Pennington JDW

Short-eared Owl reported from Bennett, Charles Mix, Clay, Deuel, Pennington, and Stanley counties

Northern Saw-Whet Owl Only Report: 14 Oct Brown DAT

Common Nighthawk Late: **14 Oct Brown JCS; 12 Oct Brookings DS, JSP, DAT;** 24 Sep Minnehaha JPS; also 17 Sep Charles Mix RM; 12 Sep Custer DGP; 30 Aug Charles Mix (745) LAS

Common Poorwill All Reports: 09 Sep Charles Mix LAS; 02 Aug Harding (2) MMM

Chimney Swift Late: 25 Sep Lake JSP; 08 Sep Charles Mix RM; 28 Aug Turner LRL; also 03 Aug Pennington (8) NRW

White-throated Swift Late: **22 Sep Harding SW, BAS, EEM;** 28 Aug Lawrence (30+) MMM; 21 Aug Fall River JSP

Ruby-throated Hummingbird Late: **19 Oct Butte SW;** 06 Oct Brookings KIE; 26 Sep Edmunds BKH; also 25 Aug Charles Mix RM

Calliope Hummingbird Only Report: **24 Aug Edmunds MZ, JDW**

Lewis' Woodpecker All Reports: 25 Oct Pennington MMM; 13 Oct Lawrence (2) VDF; 13 Sep Lawrence (3) DGP, MMM; also "all season" in Butte, Lawrence, and Meade counties EEM, BAS

Red-headed Woodpecker Late: 07 Oct Turner LRL; 01 Oct Charles Mix LAS; 28 Sep Butte BAS

Yellow-bellied Sapsucker All Reports: 30 Sep Brown JCS; 03 Aug Minnehaha JSP

Red-naped Sapsucker All Reports: 06 Sep Meade DGP; 16 Aug Custer JSP

Olive-sided Flycatcher All Reports: 25 Aug Pennington (2) DGP; 11 Aug Brown JCS

Western Wood-Pewee Only Report: 21 Aug Fall River JSP

Eastern Wood-Pewee Late: 07 Sep Brookings JSP; 11 Aug Charles Mix LAS; 04 Aug Minnehaha JPS

Yellow-bellied Flycatcher Only Report: **13 Aug Brown DAT**

Trill's Flycatcher Only Report: **18 Oct Tripp RAP**

Least Flycatcher All Reports: **24 Sep Hughes DB;** also reported from Day County DRS

Eastern Phoebe All Reports: 15 Sep Deuel BKH; 28 Aug Union ETL; 03 Aug Minnehaha JSP

Say's Phoebe All Reports: **22 Sep Butte SW;** 26 Aug Brown JCS

Great Crested Flycatcher All Reports: **23 Sep Brown JCS;** 01 Sep Brookings BH; 12 Aug Charles Mix LAS

Western Kingbird Late: 21 Sep Kingsbury JSP; 16 Sep Custer CMW; 08 Sep Butte BAS; also 12 Aug Charles Mix LAS

Eastern Kingbird Late: **21 Sep Lake (3) JSP;** 10 Sep Turner (2) LRL; 08 Sep Lawrence SW; 08 Sep Spink (3) and Clark (2) BKH; also 24 Aug Charles Mix RM

Purple Martin Only Report: 18 Aug Lake JPS

Tree Swallow Late: 14 Sep Kingsbury JSP; 11 Sep Pennington (4) TJ; 24 Aug Charles Mix RM

Violet-green Swallow Only Report: **"September" Custer CMW**

Northern Rough-winged Swallow All Reports: 12 Sep Pennington (12) TJ; 03 Aug Minnehaha JSP

Bank Swallow All Reports: 14 Sep Kingsbury JSP; "September" Custer CMW

Cliff Swallow All Reports: 17 Sep Pennington (37) TJ; 04 Aug Minnehaha JPS

Barn Swallow Late: **22 Oct Meade EEM;** 05 Oct Kingsbury JSP; 04 Oct Charles Mix LAS

Pinyon Jay All Reports: 21 Aug Fall River JSP; 09 Oct Custer (8) MMM; 13 Oct Harding (30) VDF

Red-breasted Nuthatch Early: "all season" Day DRS; 12 Aug Brown DAT; 24 Aug Lake JSP; also 01 Oct Hughes DB

Pygmy Nuthatch Only Report: 07 Sep Custer (6) DGP

Brown Creeper Early: 01 Oct Brown JCS; 14 Oct Lake JSP; 02 Nov Charles Mix LAS

Rock Wren All Reports: 13 Oct Harding VDF; 28 Sep Custer MMM; 08 Sep Lawrence BAS

Canyon Wren All Reports: 20 Aug Custer and 21 Aug Fall River JSP

House Wren Late: 13 Oct Kingsbury DS; 06 Oct Charles Mix RM; 28 Sep Lake JSP; also 22 Sep Harding EEM

Winter Wren Only Report: 14 Oct Brown DAT

Sedge Wren All Reports: 28 Sep Charles Mix DS; 10 Aug Kingsbury JSP; 04 Aug Minnehaha JPS

Marsh Wren Late: 15 Oct Bennett VDF; 28 Sep Charles Mix DS; 21 Sep Kingsbury JSP

Golden-crowned Kinglet All Reports: 19 Oct Kingsbury JSP; 07 Nov Custer CMW; Day County DRS

Ruby-crowned Kinglet Early: 08 Sep Brown (2) JCS; 12 Sep Hughes (7) DB; 14 Sep Lake JSP; Late: 27 Oct Minnehaha RFS; 20 Oct Lawrence VDF; 19 Oct Lake JSP; also 10 Oct Charles Mix LAS

Blue-gray Gnatcatcher All Reports: 31 Aug Lake JSP; 30 Aug Clay ETL

Eastern Bluebird Late: 31 Oct Brown JCS; 31 Oct Day (5) DRS; 26 Oct Kingsbury JSP; also 20 Oct Lawrence EEM, VDF; 08 Oct Clay (3) ETL

Mountain Bluebird Late: 13 Oct Harding (7) VDF; 13 Oct Butte BAS; 12 Oct Custer CMW

Veery Only Report: 17 Sep Brown DAT

Gray-cheeked Thrush All Reports: 04 Sep Brown JCS; 08 Sep Brookings KIE

Swinson's Thrush Early: 01 Sep Brown DAT; 12 Sep Hughes (7) DB; 14 Sep Lake JSP; Late: 26 Sep Hughes DB; 24 Sep Lawrence DGP; 21 Sep Lake JSP

Hermit Thrush All Reports: 02 Oct Brown DAT; 14 Oct Lake JSP

Wood Thrush Only Report: 06 Sep Brown (2) JCS

Gray Catbird Late: 04 Oct Lawrence DGP; 28 Sep Lake JSP; 08 Sep Butte BAS

Northern Mockingbird Only Report: 15 Sep Pickstown, Charles Mix County RM

Sage Thrasher Only Report: 04 Aug Butte BAS

Brown Thrasher Late: 13 Oct Harding VDF; 27 Sep Pennington NRW; 22 Sep Charles Mix RM; also 21 Sep Kingsbury JSP

American Pipit Early: 22 Sep Butte SW, BAS; 13 Oct Lawrence and Harding VDF, BAS; 14 Oct Kingsbury JSP; 14 Oct Brown DAT; Late: 02 Nov Kingsbury JSP; 26 Oct Edmunds JDW; 25 Oct Deuel (25) BKH; also 24 Oct Charles Mix LAS

Sprague's Pipit reported 10 Aug Corson (8 including young around prairie dog town) DCG

Northern Shrike Early: 12 Oct Harding BAS; 15 Oct Clay ETL; 20 Oct Meade EEM; also 25 Oct Deuel BKH

Loggerhead Shrike Late: 17 Nov Hyde EM; 20 Oct Lawrence (2) VDF; 13 Oct Harding BAS

Solitary Vireo Early: 07 Sep Brown DAT; 13 Sep Clay DS; Late: 28 Sep Brookings JSP; 08 Sep Custer DGP; 06 Sep Butte SW

Yellow-throated Vireo Only Report: 08 Aug Roberts BKH

Warbling Vireo Late: **26 Sep Hughes DB**; 21 Sep Lake JSP; 25 Aug Brown (2) JCS

Philadelphia Vireo All Reports: 05 Sep Brown DAT; 09 Sep Union and 11 Sep Clay DS; 28 Sep Brookings JSP

Red-eyed Vireo All Reports: 17 Sep Hughes DB; 27 Aug Charles Mix LAS; 21 Aug Fall River JSP

Tennessee Warbler All Reports: **17 Aug Brown (2) JCS**; 28 Aug Clay DS; 12 Sep Brown DAT; 12-13 Sep Hughes DB; 22 Sep Minnehaha JPS

Orange-crowned Warbler Early: **19 Aug Custer JSP**; 08 Sep Brown (4) JCS; 13 Sep Hughes DB; Late: 27 Oct Brown DAT; 19 Oct Lake JSP; 13 Oct Butte VDF; also 10 Oct Charles Mix LAS

Nashville Warbler Early: **10 Aug Brown (2) JCS**; 29 Aug Clay DS; 14 Sep Lake JSP; Late: 23 Oct Brown DAT; 09 Oct Hughes DB; 04 Oct Clay DS

Northern Parula Only Report: 12 Sep Clay DS

Yellow Warbler Late: 14 Sep Lake JSP; 13 Sep Hughes DB; 08 Sep Custer DGP

Chestnut-sided Warbler All Reports: **23 Aug Brown DAT**; 02 Sep Clay DS

Magnolia Warbler Only Report: 07 Sep Brown DAT

Black-throated Blue Warbler All Reports: 21 Sep Deuel BKH; **27 Oct (female) and 01 Nov (male) Brown DAT**

Yellow-rumped Warbler Early: 14 Sep Lake JSP; 23 Sep Deuel (2) BKH; 25 Sep Clay DS; 25 Sep Hughes DB; Late: 20 Oct Yankton DS; 19 Oct Lake JSP; 13 Oct Brookings NRW; 13 Oct Harding (5+) VDF

Black-throated Green Warbler Only Report: **26 Aug and 12 Sep Clay DS**

Blackburnian Warbler Only Report: 26 Aug Clay (2) DS

Pine Warbler Only Report: 28 Aug Clay ETL

Palm Warbler Only Report: 26 Sep Hughes DB

Bay-breasted Warbler Only Report: 13 Sep Clay (4) DS

Black-and-white Warbler Early: 22 Aug Brown DAT; 31 Aug Lake JSP; 11 Sep Hughes DB; Late: 21 Sep Lake JSP; 15 Sep Union BH; 12 Sep Hughes DB

American Redstart Late: 25 Sep Hughes DB; 07 Sep Brown (3) JCS; 07 Sep Kingsbury JSP; also 18 Aug Butte (2) BAS

Ovenbird All Reports: 07 Sep Brown DAT; 20 Aug Custer JSP; 02 Aug Custer CMW

Northern Waterthrush Only Report: 21 Aug Roberts BKH

Mourning Warbler All Reports: 22 Aug Brown DAT; 23 Aug Clay (3) DS

MacGillivray's Warbler All Reports: 16 Aug Custer JSP; 04 Sep Butte SW

Common Yellowthroat Late: 10 Oct Charles Mix LAS; 28 Sep Lake JSP; 11 Sep Hughes DB; also 06 Sep Butte SW

Wilson's Warbler Early: 22 Aug Clay DS; 27 Aug Charles Mix LAS; 01 Sep Brookings BH; 01 Sep Brown DAT; Late: 14 Oct Butte VDF; 01 Oct Hughes DB; 07 Sep Brookings JSP; also 06 Sep Butte SW

Canada Warbler All Reports: 22, 26, 29 Aug Clay DS; 07 Sep Brown (4) JCS; 16 Sep Hughes DB

Yellow-breasted Chat All Reports: **04 Sep Brown JCS**; 21 Aug Fall River JSP

Scarlet Tanager Only Report: **03 Nov Lincoln RFS**

Western Tanager Late: 21 Sep Pennington NRW; 08 Sep Lawrence (11) SW; 22 Aug Meade (6) EEM

Northern Cardinal Confirmed Breeding: 15 Sep Hughes (FL) EDS

Rose-breasted Grosbeak All Reports: 22 Aug Brown DAT; 03 Aug Minnehaha JSP; also from Day County DRS

Black-headed Grosbeak Late: **20 Oct Brown JCS**; 15 Sep Charles Mix RM; 30 Aug Clay ETL; also "September" Butte BAS

Blue Grosbeak All Reports: 12 Sep Hughes DB; 04 Aug Minnehaha JPS

Dickcissel All Reports: 10 Aug Kingsbury JSP; 04 Aug Minnehaha JPS

Eastern Towhee All Reports: 18 Sep Hughes (2) JCS; 03 Aug Lincoln RFS

Spotted Towhee Late: 13 Oct Brookings BH; 13 Oct Butte and Harding BAS, VDF; 09 Oct Hughes DB

American Tree Sparrow Early: 28 Sep Brown JCS; 05 Oct Pennington TJ; 12 Oct Minnehaha JPS; also 18 Oct Clay DS

Chipping Sparrow Late: 20 Oct Minnehaha RFS; 20 Oct Meade SW; 20 Oct Butte BAS; also 26 Sep Charles Mix RM

Clay-colored Sparrow All Reports: **15 Oct Bennett (4) VDF**; 28 Sep Kingsbury JSP; 30 Aug Custer (3) MMM; also from Day County DRS

Brewer's Sparrow Only Report: **27 Sep Pennington (10-12) NRW**

Field Sparrow All Reports: 24 Sep Hughes DB; 17 Sep Pennington (2) TJ; 03 Aug Minnehaha JSP

Vesper Sparrow Late: 27 Oct Lincoln RFS; 20 Oct Butte BAS; 14 Oct Kingsbury JSP; also 01 Aug Charles Mix LAS

Lark Sparrow Late: 28 Sep Minnehaha JPS; 22 Sep Harding (4) EEM; 17 Sep Pennington (12) TJ

Lark Bunting Late: 09 Aug Meade NRW; 06 Aug Butte SW; 02 Aug Pennington NRW

Savannah Sparrow Late: 27 Oct Lincoln RFS; 19 Oct Kingsbury JSP; 19 Oct Tripp RAP

Grasshopper Sparrow All Reports: **20 Oct Minnehaha RFS**; 22 Aug Custer JSP; 09 Aug Meade NRW

LeConte's Sparrow All Reports: 28 Sep Charles Mix (4+) and 09 Oct Caly DS

Sharp-tailed Sparrow Only Report: **28 Sep Charles Mix DS**

Fox Sparrow Early: 25 Sep Brown DAT; 28 Sep Lake JSP; 09 Oct Clay DS; Late: **22 Nov Lake NB, RB**; 28 Oct Clay (6+) DS; 27 Oct Minnehaha RFS; also 12 Oct Pennington DB; 17 Oct Butte BAS

Song Sparrow Late: 30 Nov Brookings (at feeder) KIE; 02 Nov Butte (2) VDF; 27 Oct Minnehaha RFS; also 10 Oct Charles Mix LAS

Lincoln's Sparrow Early: 07 Sep Brown JCS; 11 Sep Clay DS; 25 Sep Butte BAS; Late: **27 Oct Minnehaha RFS**; 17 Oct Butte SW; 14 Oct Lake JSP; also 10 Oct Charles Mix LAS

Swamp Sparrow Only Report: 27 Oct Clay RAP

White-throated Sparrow Early: **30 Aug Brown JCS**; 14 Sep Lake JSP; 25 Sep Butte BAS; Late: 16 Nov Brown DAT; 27 Oct Minnehaha RFS; 19 Oct Lake JSP; also 30 Sep Clay (2) DS; 18 Oct Butte SW; 09 Oct Hughes DB

White-crowned Sparrow Early: 25 Sep Hughes (2) DB; 27 Sep Custer MMM; 28 Sep Lake JSP; Late: 13 Nov Brown DAT; 02 Nov Butte BAS, VDF; 20 Oct Minnehaha RFS; 20 Oct Lawrence EEM; also 10 Oct Charles Mix LAS

Harris' Sparrow Early: 30 Sep Brown JCS; 05 Oct Butte SW; 05 Oct Kingsbury JSP; Late: **30 Nov Butte SW**; **30 Nov Deuel (2) BKH**; **30 Nov Brookings KIE**; also 09 Oct Hughes (3) DB; also 24 Nov Gregory JSP

- Dark-eyed Junco** Early: 22 Sep Brown DAT; 28 Sep Minnehaha JPS; 28 Sep Kingsbury JSP; also 30 Sep Clay (4) DS; 30 Sep Hughes (5) DB
- Lapland Longspur** Early: 01 Nov Kingsbury RFS; 14 Nov Potter MMM; 29 Nov Lyman DB
- Smith's Longspur** Only Report: **22 Sep Butte SW, BAS, EEM**
- Chestnut-collared Longspur** Only Report: 04 Aug Butte BAS
- Snow Bunting** Early: 30 Oct Day DRS; 02 Nov Hamlin RFS; 02 Nov Kingsbury JSP; also 14 Nov Stanley DGP
- Bobolink** Only Report: 31 Aug Kingsbury JSP
- Western Meadowlark** Late: 24 Nov Charles Mix JSP; 17 Nov Custer MMM; 09 Nov Minnehaha RFS
- Yellow-headed Blackbird** Late: 09 Nov Brown (2) SLS; 15 Oct Bennett (5+) VDF; 05 Oct Kingsbury JSP
- Rusty Blackbird** All Reports: 15 Oct Pennington VDF; 25 Oct Deuel BKH; 27 Oct Lyman DGP; 01 Nov Kingsbury and 16 Nov Minnehaha RFS
- Brewer's Blackbird** Late: 25 Nov Meade (3) EEM; 16 Nov Minnehaha RFS; 02 Nov Butte (3) VDF; also 18 Aug Charles Mix RM
- Common Grackle** Late: 23 Nov Charles Mix RM; 06 Nov Turner (2) LRL; 01 Nov Kingsbury RFS; also 18 Oct Pennington NRW
- Brown-headed Cowbird** Late: 26 Oct Minnehaha RFS; 05 Oct Kingsbury JSP; 22 Sep Butte SW
- Orchard Oriole** All Reports: 24 Aug Brown JCS; 12 Aug Butte BAS
- Baltimore Oriole** Late: **06 Nov Turner LRL**; 08 Sep Brown JCS; 08 Sep Charles Mix RM
- Bullock's Oriole** Only Report: 12 Aug Butte BAS
- Gray-crowned Rosy Finch** All Reports: **17 Oct Custer (3) KH**; Nov Lawrence *fide* NRW
- Purple Finch** All Reports: 25 Oct Brown DAT; 10 Nov Gregory LAS
- Cassin's Finch** All Reports: 19 Sep Lawrence (3) and 14 Oct Fall River (12-15) DGP; also Aug-Oct Custer CMW
- Red Crossbill** Early: **"all period" Day DRS**; 31 Aug Edmunds DAT; 24 Oct Deuel BKH
- Common Redpoll** Early: 03 Nov Brown DAT; 10 Nov Lake JSP; 17 Nov Pennington TJ
- Pine Siskin** Early: **02 Sep Brown DAT**; 19 Oct Day DRS; 17 Nov Lake JSP

Reports Requiring Acceptance By The Rare Bird Records Committee

- Red-throated Loon** 31 Oct Dewey BKH
- Brown Pelican** 03 Sep Angostora Reservoir, Fall River County (1 imm) Richard Rosche
- Brant** 07 Nov Sand Lake NWR, Brown County (black race) DAT, DGP, AH
- Surf Scoter** 28 Sep Yankton (3) ETL; 20 Oct Yankton (3) DS
- Black-necked Stilt** 18 Aug Timber Lake, Dewey County AH
- Pomarine Jaeger** 24-25 Nov Oahe Tailrace (dark phase) DB, BKH
- MEW GULL** 30 Nov Fort Randall Tailrace (1 ad ... possible first state record) DS
- Thayer's Gull** 23-30 Nov Fort Randall Tailrace (1 imm) DS, RFS, JSP, BKH; 26 Nov Gavin's Point Tailrace DS, Kurt Dean
- Black-legged Kittiwake** 09 Nov Oahe Tailrace (2) ME; 14 Nov Oahe Tailrace (1 imm) DGP; 16 Nov Gavin's Point Tailrace (1 imm) ETL, DS; 23 Nov Fort Randall Tailrace (1 imm) JSP; RFS, BKH

Sabine's Gull 26 Oct - 04 Nov Gavin's Point Tailrace (1 imm) BH, DS
BLACK-CHINNED HUMMINGBIRD Aug through 02 Nov Sturgis, Meade County
 (possible first state record) EEM, BAS, VDF
Calliope Hummingbird 21 Aug Lawrence DGP
Broad-tailed Hummingbird 13 Aug Lawrence DGP; 13 Aug - 01 Sep Butte BAS
Rufous Hummingbird 13 Aug - 01 Sep Butte BAS; 06-09 Sep Butte (2) SW
Blue-gray Gnatcatcher 16 Aug Cedar Flats Ranger Station, Badlands National
 Park, Pennington County AH
Hermit Thrush 08 Sep Brown JCS
Northern Shrike 01 Aug Bennett LCS; 11 Aug Brown (2) JCS
Pine Warbler 12 Oct Brown (5) JCS
Prothonotary Warbler 29 Oct Aberdeen, Brown County DAT
Lesser Goldfinch 17 Aug and 24 Aug Butte BAS; 21 Aug Fall River (2-3) JSP;
 12 Sep Custer (8-10) DGP

Species Expected But Not Reported

Piping Plover, Western Sandpiper, Short-billed Dowitcher, Caspian Tern (2),
 Least Tern, Whip-poor-will, Three-toed Woodpecker, Black-backed Woodpecker,
 Pileated Woodpecker, Dusky Flycatcher, Cordilleran Flycatcher, Clark's
 Nutcracker, Varied Thrush, Bohemian Waxwing (2), Bell's Vireo (2), Golden-
 winged Warbler, Blackpoll Warbler, Connecticut Warbler, Lazuli Bunting, Indigo
 Bunting (2), White-winged Crossbill

Corrections/Additions From Past Reports

1996 Spring Season the date of 17 Apr reported for Semipalmated Plover, Least
 Sandpiper, Dunlin, and Northern Rough-winged Swallow should be 24 Apr

Contributing Observers

DB	Doug Backlund	EEM	Ernest E. Miller
JLB	Jocelyn Lee Baker	EM	Ed Mitzel
GWB	Gil W. Blankespoor	JSP	Jeffrey S. Palmer
NB	Nancy Buckman	RAP	Richard A. Peterson
RB	Robert Buckman	DGP	D. George Prisbe
ME	Mike Erickson	SLS	Sand Lake NWR Staff
VDF	Vic & Donna Fondy	RFS	Robb F. Schenck
DCG	Dave & Carolyn Griffiths	BAS	Bud & Alice Shaykett
KH	Kevin Hachmeister	DRS	Dennis R. Skadsen
AH	Arlen Hanson	JS	Jan Small
RH	Robert Hanten	JPS	Joe P. Staab
BKH	Bruce K. Harris	JCS	Jerry C. Stanford
BH	Bill Huser	EDS	Eileen Dowd Stukel
TJ	Todd Jensen	DS	David Swanson
KIE	Kieckhefer Family	DAT	Dan A. Tallman
LCS	Lacreek NWR Staff	GV	George Vandel
LAS	Lake Andes NWR Staff	SW	Sheila West
LRL	Lester R. Lauritzen	NRW	Nathaniel R. Whitney
ETL	Eric T. Liknes	JDW	J. David Williams
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