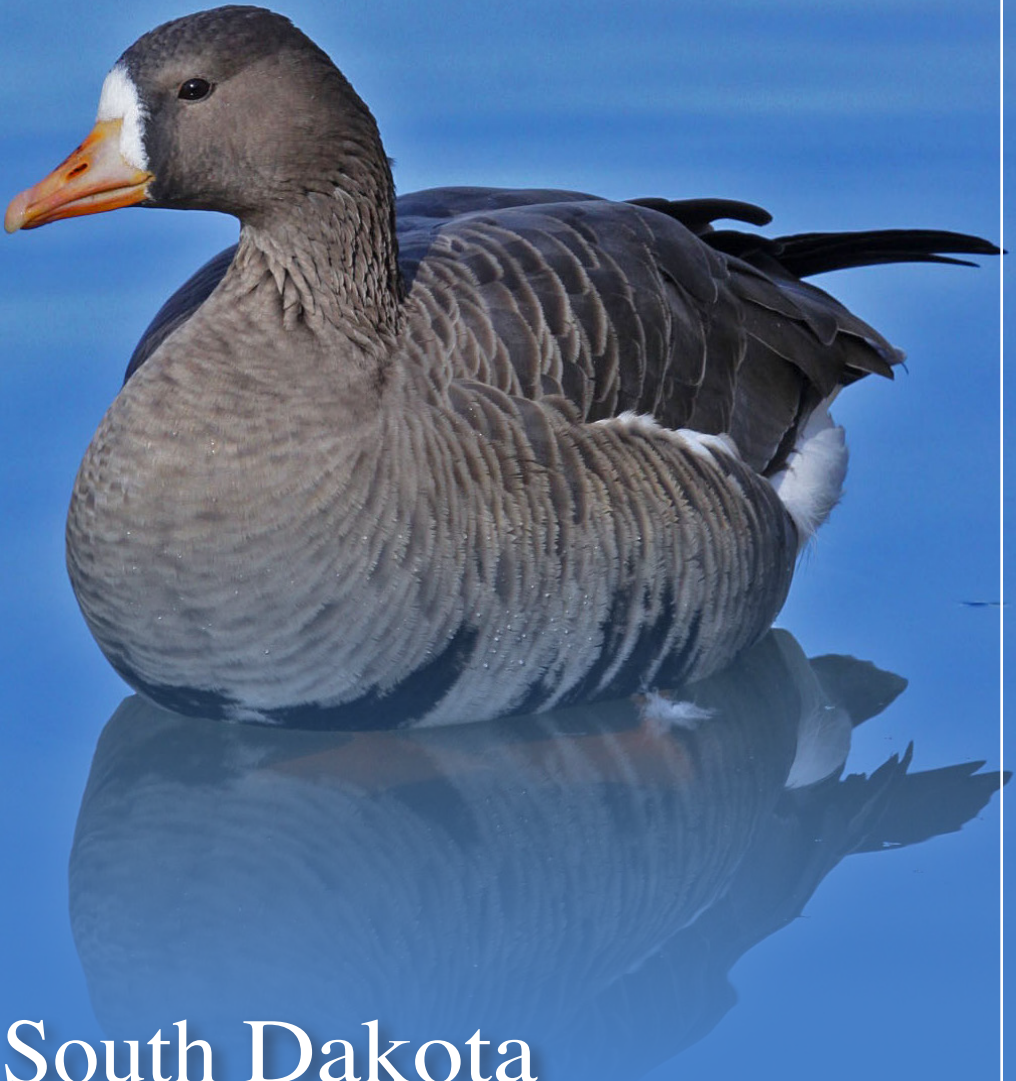


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South Dakota

Bird  Notes

South Dakota Ornithologists' Union

Photo credit: Roger Deitrich

Greater White-fronted Goose, Yankton Co.

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Note from the Editor

Nancy Drilling

As winter approaches, it's time to think about year-end activities that you can do for the birds. First, to continue receiving *South Dakota Bird Notes* uninterrupted, please pay your Membership dues around the first of the year. This is a great way to help SDOU celebrate our 70 years as one of the premier state bird organizations in the country. You can pay via PayPal on the SDOU web site or send a check to the SDOU Treasurer. Details and forms are on the inside of the mailing cover for this issue. Also remember that an SDOU membership is a great gift for all of your bird-loving friends and relatives!

Secondly, participate! Winter time activities such as the Christmas Bird Count and the Big Sit are a great excuse to get out, and the data contribute to long-term monitoring of our winter birds. Local bird clubs, such as those in Brookings, Sioux Falls, and the northern Hills, are active with meetings, programs, and bird field trips all winter long. Consider a donation or volunteer your time and talents to your favorite conservation organization. Take a youngster out for a winter walk. There are myriad ways to make a contribution during the "slow" time of the year.

ANNOUNCEMENTS

Upcoming SDOU meetings. The Spring 2019 SDOU meeting will be held May 17-19 in the Sioux Falls/Brandon area. The Fall 2019 SDOU meeting will be in Pierre. Details will be posted on the web site and in future issues of *South Dakota Bird Notes* as they become available.

New project: American Dippers. SDOU, along with Missouri Breaks Audubon Society, has provided funding for a new project to build nest boxes for the state endangered American Dipper in the Black Hills. See details and project progress updates at sdou.org/Projects/

New Publication. *The Second South Dakota Breeding Bird Atlas* book is now available! Published by the SDGFP, the cost is \$35 plus shipping. To purchase, call 605-223-762. You can leave a message at that number if the individual is not available.

2018 SDOU Scholarship and Grant Awards

The South Dakota Ornithologists' Union administers several scholarships and grants for both graduate and undergraduate students in the biological sciences. Applications generally are solicited in late winter and awards made in spring. See the SDOU web site for more information. The following are the recipients for the 2018 funding cycle.

Kenneth H. Husmann Memorial Scholarship. A department of biology, zoology or wildlife management at a South Dakota college or university may nominate one student for the Kenneth H. Husmann Memorial Scholarship. The nominee must be a graduate student majoring in ornithology, ecology, or wildlife management and must have a strong interest and ability in studying one or more of these natural science specialties.

The Husmann Scholarship for 2018, in the amount of \$1000, went to Amanda Hegg, a first-year M.S. student in the Department of Biology at the University of South Dakota working under the supervision of Dr. David Swanson. Amanda graduated from USD in May 2017 with a double major in Biology (Conservation and Biodiversity specialization) and Sustainability. During her degree program at the University of South Dakota, Amanda took on several leadership roles, including President of the Sustainability Club. She also was a Natural Resources intern during the summer of 2017. This internship is a program between the Missouri National Recreational River and the Missouri River Institute (MRI) at the University of South Dakota. For the National Recreational River portion of the internship, Amanda was involved in a number of education and interpretive activities, including working with kids on National Park Service educational projects about the Missouri River. For the MRI portion of the internship, Amanda worked on several field research projects related to the Missouri River and its riparian corridor. These research projects included nest searching and monitoring for riparian forest birds, vegetation sampling in riparian forests, and sampling of aquatic invertebrates.

Amanda is now assuming a leadership role in the riparian forest bird project and will complete the study, including two more summers of data collection, for her M.S. thesis project. Amanda's M.S. study will provide important information on how river regulation has impacted riparian forest structure and how these changes impact riparian forest bird productivity, and will greatly benefit management decisions relating to Missouri River riparian forests and their birds.

Mary E. Baylor Memorial Scholarship. This scholarship is given to an undergraduate student in his/her junior year at a South Dakota college or university. The student must be pursuing a major in biology with particular interest, in order of priority, in ornithology, ecology, wildlife management, biological education, medical practice, or medical research.

The Baylor Memorial Scholarship for 2018, in the amount of \$1200, was awarded to Paul Taggart, a junior undergraduate student majoring in Biology at Dakota State University. Paul is passionate about wildlife and wildlife management. He works as a guide at his family's hunting lodge near Gregory and understands the importance of habitat conservation. He recently completed an ornithology class and takes pride in being able to point out various bird species to the hunters he is guiding. He has also completed several online wildlife classes. His goal is to obtain a job with the South Dakota Game, Fish and Parks upon graduation.

Nathaniel R. Whitney Jr. Memorial Research Grant. Whitney Research Grants are awarded to qualified graduate and upper division (junior or senior year) students majoring in ornithology, avian ecology, avian wildlife management, or an appropriately-related scientific discipline at an accredited college or university in South Dakota offering 4-year degrees in ornithology or related fields. Grants may also be awarded to other ornithologically or scientifically-qualified individuals, including amateur ornithologists.

The 2018 Nathaniel R. Whitney Jr. Memorial Research Grant went to Amy West, a first-year Master's student working with Dr. David Swanson in the Department of Biology at the University of South Dakota. Amy graduated from Simpson College with a Bachelor of Arts degree in Environmental Science in the spring of 2015. Since then she has gained considerable experience in ornithological field work, including stints with Hawk Ridge Bird Observatory, University of Illinois, and Emporia State University. Amy is a co-author on a recent publication resulting from this work in the *Wilson Journal of Ornithology* (Coon et al. 2018. *Wilson J Ornithol* 130:341-345).

Amy's M.S. project examines stopover biology of grassland migrant birds at Spirit Mound Historic Prairie, a restored tallgrass prairie site near Vermillion, South Dakota. Grassland birds are the most rapidly declining guild of birds in North America. Considerable research has been conducted on grassland birds on their breeding and wintering grounds, but there has been virtually no research on the stopover habitats used by grassland birds during migration. Amy's research represents an attempt to help fill that knowledge gap. Objectives for her study include 1) determining which bird species are using Spirit Mound Historic Prairie as stopover habitat and 2) determining whether this restored tallgrass prairie can provide the resources necessary to rebuild fat stores in migrating grassland birds.

Amy will use Whitney Research funds to investigate the second objective, using an ecophysiological approach. Migration is an energetically expensive part of the life of migrant birds. Most birds cannot store sufficient fat to make the journey without stopping along the way, so migrants rebuild fat stores at stopover sites along the migratory route. Plasma metabolite profiling is routinely used to measure fattening success and habitat quality at stopover sites. Plasma triglyceride increases as fat is deposited, and β -hydroxybutyrate increases as fat is depleted. By measuring the levels of these metabolites, she can determine whether a prairie stopover site is providing the resources necessary for successful migration by grassland birds.

Amy's work will be a valuable first step in assessing the importance of fragmented grasslands as stopover habitats for migratory grassland birds. The data from this study will help inform recommendations to improve and create restored prairie habitats throughout grassland bird migratory pathways.

David J. Holden Scholarship Fund. The Holden scholarship is awarded annually to an undergraduate student attending South Dakota State University, majoring in natural or biological science, with an interest in the environment. Application is through the Department of Natural Sciences at SDSU.

The Holden Scholarship for 2018, in the amount of \$500, went to Cailee Sky Peterson, a sophomore Health Science major at SDSU. This past summer Cailee worked at Turtle River State Park in North Dakota. Before coming to South Dakota, Cailee was a two-year member of the National Honor Society and earned academic honor roll and scholar-athlete awards all four years at her high school in Mayville, ND. She currently is a member of the Jack's women's cross-country team, earning Summit League Academic Honor Roll her first two years on the team.



Nelda Holden presents the David J. Holden Memorial Scholarship to the 2018 recipient, Cailee Peterson.

Why Didn't Someone Just Tell Me That?!

Jason Thiele

This is the fifth article in a series about birding tips and tricks that I have learned since I started birding in college. Many of these might seem like common sense to veteran birders, but I know I could have avoided a lot of frustration in my first few years as a birder had someone told me these things from the start. This series is meant to help those who are just starting out as birders and to remind those who have been at this for a long time that what seems obvious to you may not be obvious at all to a rookie. All you experts out there, please share your knowledge with the next generation of birders!

#5. Learn the Common Birds if You Want to Find Uncommon Birds

While I have many reasons and motivations for birding, one thing that keeps me stepping out into the field as often as I can is the possibility of finding a rare bird. Whether it is a species with a low population, a migrant bird that is unusually early or late, or a bird that is breeding outside of the typical range for the species, finding a bird that I didn't expect to see is always a thrill.

It's amusing to me to think back to when I first got into birding, as I do so often when writing this column. Birds (and wildlife in general) have always fascinated me, and throughout my childhood, I would use the resources at my disposal to identify unfamiliar birds. I've never found it particularly difficult to identify a bird using a field guide – provided I got a good look at the bird, of course. But once I got seriously into birding, it didn't take me very long to realize that my heavy reliance on a field guide was keeping me from finding as many species as I could. The problem was twofold. First of all, a lot of birds were getting away or moving off unseen while I was spending so much time flipping through a book. The second issue was that I knew just a handful of bird songs, so I had to seek a visual of each bird that I heard. In both cases, I was putting in a tremendous amount of effort into identifying a handful of relatively common species while the ones I would have really liked to find eluded me!

Upon making that realization, I became very committed to making sure I knew how to quickly identify the birds I was most likely to encounter. I started off by doing some homework. Rather than waiting until I was birding to crack open my field guide, I spent a significant amount of time in the comfort of my home carefully studying the characteristics of individual species, even those with which I was quite familiar. I paid particularly close attention to field marks that are diagnostic. As I gained experience, I even learned to recognize some birds – again focusing on the most common ones – by only seeing a part of them. No longer did I have to get a completely unobstructed look of a bird to identify it. A flash of the chestnut undertail coverts of a Gray Catbird or a brief glimpse of the pink bill on a Field Sparrow could be all I needed to identify a bird skulking in a brush pile that I previously may have spent a long time watching until it finally found the bravery to emerge. Granted, there are still plenty of birds that require good looks of multiple field marks to confirm their identification, but being able to identify some birds in an instant allowed me to find more since I wasn't locked onto a single bird while others were sneaking by me.

In speaking with some experienced birders, I also learned to use certain very familiar birds as “baselines” to compare with other species. I try to pick out a common, relatively easily recognizable bird from each family of birds (or at least each group of similar-looking birds) and use it as my starting point for identifying others. This technique became particularly useful for groups of birds that had previously seemed intimidating. For example, like many beginning birders, I often felt overwhelmed trying to separate all of the species of sparrows and similar “little brown jobs.” But after picking one of the most common species, the Song Sparrow, as my baseline sparrow and learning its characteristics inside and out, I began to see that these species were much more distinctive than I had previously thought. I could glance at a sparrow and think to myself, “This bird is streaked like a Song Sparrow, but the lines seem to be pretty

narrow. Oh, and it has some buffy coloration on its breast. This is a Lincoln's Sparrow." Or, "Well, this is clearly a sparrow, but it doesn't have any streaking on its breast or sides, so it's definitely not a Song Sparrow. And, look, it has a little black spot on its chest. And its bill is two colors. It's an American Tree Sparrow." Interestingly, I started to learn this process at around the same time that I was learning how to use a dichotomous key to identify plants in my college course work. Without getting into a lot of detail, you can think of a dichotomous key as sort of like a very detailed game of "Twenty Questions." You read through a pair of mutually exclusive characteristics, called a couplet, and then pick the characteristic that matches the specimen you are trying to identify. Based on your answer, you are directed to another couplet. As you do this you systematically narrow down the list of possibilities until you have a single species. I simply applied the same technique to bird identification. I found that the brain can go through this process very quickly (and virtually imperceptibly) once it knows what field marks to look for. I gained confidence in my identifications the more I learned.

At roughly this same time, I also began to understand that if I wanted to become a better birder (and, perhaps more importantly for my career interests, a better biologist), I needed to start learning more bird songs as well. In 2009, I had the good fortune of attending a bird survey training course that was taught by a very skilled "ear birder." She actually used similar techniques to teach the students about learning songs as I had been using to learn field marks. Often this involved learning the song of a very familiar bird and using that to compare to other species. For example, a lot of U.S. citizens wake up to the sound of an American Robin singing, so this is one of the easiest of bird songs to learn. From it, you can start to learn the somewhat similar songs of Rose-breasted Grosbeaks; Scarlet, Summer, and Western Tanagers; and several species of vireos. Eventually, you get to the point where you can basically start to "tune out" the very abundant birds and pick out the other species that sometimes seem to be singing backup in the dawn chorus.

If I'm giving the impression that this process was easy for me, I can assure you that it was not. In fact, it is still ongoing. I still spend some time every year – particularly on long winter evenings – just thumbing through field guides to refresh myself on various field marks or listening to recordings of bird songs to keep my ear tuned up. But the extra work has paid tremendous rewards to my birding ability and enjoyment through the past few years. One of the perks of being married is that I've gotten to bird in some new places that I may not have gone otherwise. My wife, despite being a non-birder, likes to travel, and I have had the pleasure of exploring places like Costa Rica, Arizona, and the Outer Banks of North Carolina with her. While these haven't been birding trips, a little bit of study before each trip allowed me to conquer some of the sensual overload of seeing and hearing oodles of unfamiliar birds all around me and pick up a respectable number of lifers. Before each trip, I used eBird data and information from websites of local birding clubs and other sources to get an idea of what species I would be most likely to encounter at that time of year, and I studied these in detail. Generally speaking, I was able to find the common (although new to me!) birds that I sought and then pick up some "bonus" birds as well. It's not yet clear where the next family vacation will take us, but you can be sure my eyes and ears will be prepared to find those common birds right away so that I can be ready to find a rarity.

An Analysis of the Bird Records of George Levin from Hereford, Meade County, South Dakota, 1935-1937

David Swanson

Department of Biology, University of South Dakota

Ms. Sheryl Rosenbaum, the daughter of Mr. George Levin, contacted me in March of 2018, and offered to send me bird observation records that her father collected from a farm at Hereford, Meade County, South Dakota during 1935-1937. Ms. Rosenbaum noted that Mr. Levin was 14-16 years old at the time of these observations and had begun watching birds when he was 12 years old. Hereford is located in central Meade County, about 4 km north of the Belle Fourche River, and is currently surrounded by agricultural and grassland habitats, with groves of trees around farmsteads and mixed deciduous-juniper woody draws. These general habitats are similar to those encountered in Meade County in the 1930s, despite reductions in small grains acreage and sheep production and increases in alfalfa acreage and beef cattle production (USDA-National Agricultural Statistics Service; <https://quickstats.nass.usda.gov/>). The town is 37.4 km east of the nearest pine forests associated with an elevated outcrop just east of the hogback of the Black Hills, southeast of Sturgis, Meade County. Thus, the expected birds of the area would be those associated with grassland and agricultural habitats, along with those associated with tree groves and deciduous and mixed woodlands.

The dates of these bird records fit into the ornithological period of regional bird surveys and the first statewide avifaunas (1901-1950), as categorized by Swanson (2015). Many of the regional bird surveys published from this period were from eastern South Dakota (e.g., Visher 1913, 1915, Stephens and Felton 1955), but Stephen Sargent Visher published several such regional surveys from western South Dakota, including the Badlands, Black Hills and western prairies (Visher 1909), the Pine Ridge Reservation (Visher 1912a), Fall River County (Visher 1912b) and Harding County (1914). Thus, these observations add to our understanding of birds from western South Dakota grassland and agricultural areas during the early to mid-1900s.

Mr. Levin recorded 95 bird species from the Hereford area during 1935-1937 (see Online Appendix 1). Most of these are of species expected for western South Dakota grassland and agricultural habitats, but several represent unusual records for western South Dakota prairie areas outside of the Black Hills (Tallman et al. 2002). These unusual records can be grouped into three categories: 1) birds typically associated with Black Hills coniferous or mixed coniferous-deciduous forest occurring on the prairie; 2) birds rare for western or west-central South Dakota, and 3) birds that are either early or late migrants. For the remainder of this paper, I will examine how these unusual records fit into the larger context of avifaunal patterns for South Dakota.

Black Hills Birds on the Prairie

Observations of birds that fit the Black Hills birds on the prairie category include Canada Jay (*Perisoreus canadensis*), Virginia's Warbler (*Oreothlypis virginiae*), MacGillivray's Warbler (*Geothlypis tolmiei*), and the White-winged race of the Dark-eyed Junco (*Junco hyemalis aikeni*). Canada Jays are associated with conifer forest habitats, especially those with a spruce element present (Strickland and Ouellet 2011). In South Dakota, they are most often found in dense pine or spruce forests and occasionally in mixed coniferous-deciduous forests (Pettingill and Whitney 1965, Tallman et al. 2002). Visher (1909) and Over and Thoms (1946) both list the distribution of the Canada Jay in western South Dakota as restricted to the Black Hills. Thus, the January 1936 record near Hereford is east of the usual range and outside of the regular habitat associations in South Dakota. Pettingill and Whitney (1965) list Canada Jay as a permanent resident in the Black Hills at elevations above 4000 feet (1220 m), but Strickland and Ouellet (2011) mention that some altitudinal migration to lower altitudes in winter may occur across their western range in North America. Three confirmed records exist for Canada Jay in eastern South Dakota, all in the fall

(Tallman et al. 2002). In addition, Canada Jays may wander to non-montane habitats in western North America, especially outside of the breeding season (Strickland and Ouellet 2011). Thus, the winter record at Hereford does fit the general pattern of wandering outside of the breeding season.

Levin lists a potential record (the species is listed with a question mark) for Virginia's Warbler at Hereford on 28 April 1935. Virginia's Warbler was not documented for South Dakota until 1997 (Palmer 1998) and reaches the northeastern extent of its range in the pine-juniper-shrub habitat on the southwestern front of the Black Hills (Swanson et al. 2000, 2016). This population is associated with mountain mahogany (*Cercocarpus montanus*) on steep slopes with at least some scattered ponderosa pine (*Pinus ponderosa*) (Swanson et al. 2000, 2016). The species has not been documented on the southeastern front of the Black Hills, despite the presence of mountain mahogany and pine-juniper-shrub habitats (Swanson et al. 2016). South Dakota has no accepted records for Virginia's Warbler away from the Black Hills and the earliest spring record for the species is 10 May (SDOU bird observation database, sdou.org). Thus, the 28 April date would be the earliest record for the state by almost two weeks. Spring migrant Virginia's Warblers generally reach Colorado and Utah by the last third of April and Wyoming during the first half of May (Olson and Martin 1999). Extralimital records for vagrant Virginia's Warblers during migration occur as far as Louisiana, Ontario, Nova Scotia, Labrador, Michigan and New Jersey (Olson and Martin 1999), so wandering outside of the Black Hills during migration is possible. Nevertheless, it seems likely that this bird may have been another species, perhaps the closely related Nashville Warbler (*Oreothlypis ruficapilla*), which tends to migrate a little earlier in the spring (Tallman et al. 2002). Over and Thoms (1946) listed the Nashville Warbler as a nesting species in the Cave Hills of Harding County, but without documentation. However, the current status of Nashville Warbler in western South Dakota is an accidental migrant, despite it being a regular migrant in the eastern part of the state (Tallman et al. 2002).

MacGillivray's Warbler is a breeding bird of conifer forest clearings, mixed coniferous-deciduous forests and shrubby deciduous thickets throughout western North America (Pitocchelli 2013). The species reaches the northeastern extent of its range in the Black Hills (Pitocchelli 2013) and is associated with deciduous thicket habitats, especially near water, in the Black Hills (Visher 1909, Pettingill and Whitney 1965, Tallman et al. 2002). Levin lists a record for this species at Hereford on 28 April 1937, which would represent the earliest spring record ever for South Dakota; the current earliest spring record is 3 May (SDOU bird observation database, sdou.org). MacGillivray's Warbler wanders widely outside of its normal habitat and range during migration, so areas outside of the Black Hills in Meade County, like Hereford, are not far out of range during migration.

The report of a Dark-eyed (White-winged) Junco from Hereford in February of 1935 also fits the profile for a Black Hills species outside of its typical habitat. White-winged Juncos are an endemic race of the Dark-eyed Junco, limited in its breeding range to the Black Hills, Pine Ridge (South Dakota and Nebraska), Long Pine Hills (Montana), and pine-covered buttes in Harding County, South Dakota (Pettingill and Whitney 1965). Within this range, it is associated with coniferous or mixed coniferous-deciduous forests (Pettingill and Whitney 1965, Tallman et al. 2002), like other montane junco races (Nolan et al. 2002). White-winged Juncos undergo some altitudinal migration, moving to lower altitudes in winter, and expanding their habitat associations (Pettingill and Whitney 1965). A few fall and winter records for White-winged Juncos exist for South Dakota as far east as Charles Mix and Yankton counties (Tallman et al. 2002), so the February record at Hereford probably represents a wintering bird that underwent altitudinal migration from higher elevations in the Black Hills.

Rare Birds for Western or West-Central South Dakota

Records from Levin's list fitting this category include LeConte's Sparrow (*Ammodramus leconteii*), Nelson's Sparrow (*Ammodramus nelson*), Scissor-tailed Flycatcher (*Tyrannus forficatus*) and a probable Northern Parula (*Setphaga americana*). Levin lists a LeConte's Sparrow from Hereford on 5 May 1935. The breeding range for LeConte's Sparrows is largely north-central North America, extending from the Upper Peninsula of Michigan west to northeastern South Dakota and southern Alberta and north

to southern Mackenzie and northern Manitoba, with scattered breeding locations across eastern Canada (Lowther 2005). The winter range is principally in the south-central and southeastern United States, with migration routes extending directly between breeding and wintering ranges (Lowther 2005). This species is listed by Tallman et al. (2002) as accidental for western South Dakota, although it is an uncommon migrant in eastern South Dakota and a rare to uncommon breeder, depending on precipitation levels, in the northeastern part of the state (Igl and Johnson 1999). Vagrants during migration have been recorded from coast-to-coast in North America (Lowther 2005). Spring migration of LeConte's Sparrow in South Dakota is generally from late April through May (Tallman et al. 2002). Of the five current records for this species for western South Dakota, two occur during May (SDOU bird observation database, sdou.org), so the 5 May record fits the general timing of spring migration for LeConte's Sparrow in South Dakota. LeConte's Sparrows occupy wet meadows during the breeding season, but will use a variety of grasslands and weedy fields during migration (Lowther 2005), so the mixture of grassland and agricultural habitats in the Hereford area is consistent with migratory habitat use for this species. Misidentification of LeConte's Sparrow for other similar sparrows is possible, but Levin does distinguish LeConte's Sparrow from other *Ammodramus* sparrows, including Grasshopper (*Ammodramus savannarum*; which he lists every year), Nelson's (for which he lists two records, see below), and Baird's (*Ammodramus bairdii*; for which he lists a 10 May 1936 record) sparrows. Thus, he at least seemed aware of the distinguishing characteristics among these species.

Nelson's Sparrow was recorded on two occasions by Levin, 11 May 1936 and 1 May 1937. This species is also listed as accidental in western South Dakota, with only two records, one from Bennett County and one from Meade County (Tallman et al. 2002; SDOU bird observation database, sdou.org). The *nelsoni* subspecies breeds in marshes and wet meadows from north-central and northeastern South Dakota, where it is rare, west to southern Alberta and north across southern Manitoba and central Saskatchewan to southern Mackenzie, and winters along the Gulf Coast of the United States (Tallman et al. 2002, Shriver et al. 2011). It is a rare migrant in eastern South Dakota, with the principal spring migration timing occurring in May, although early spring dates extend from late April (Tallman et al. 2002). Habitat use during migration expands to include grassy marshes and agricultural fields (Shriver et al. 2011). Thus, the timing of Levin's records and the available habitats in the Hereford area both fit the general pattern of migration of this species within South Dakota.

Scissor-tailed Flycatcher is listed as accidental for South Dakota by Tallman et al. (2002). Currently a total of 19 separate records from May through October exist for Scissor-tailed Flycatcher in South Dakota (SDOU bird observation database, sdou.org), coming from both eastern and western parts of the state. The range of Scissor-tailed Flycatcher encompasses most of the south-central United States, as far north as south-central Nebraska, but wandering individuals have been recorded across North America, as far north as British Columbia and Nova Scotia (Regosin 2013). Levin lists a 28 May 1937 record of this species for the Hereford area. Only one record for this species in South Dakota exists prior to the 1937 date for Levin's record (August of 1915 from Sanborn Co., Tallman et al. 2002), making this record the potential second state record. Scissor-tailed Flycatchers occupy a variety of open habitats, including grasslands with scattered trees and shrubs, agricultural lands and towns (Regosin 2013). The timing and habitat for the 28 May 1937 record fit the pattern of vagrancy for Scissor-tailed Flycatcher in South Dakota.

On 15 May 1935, Levin lists a possible Sennett's Warbler (listed with a question mark) from the Hereford area. This was an old name for Tropical Parula (*Setophaga pitiayumi*) (Regelski and Modenhauer 2012). However, given that the range of Tropical Parula is mainly south of the United States and it is only a rare breeder in southern Texas, with vagrant records extending only to Colorado (Regelski and Modenhauer 2012), it seems more likely that this observation was of the very similar Northern Parula. Northern Parula is a rare migrant in eastern South Dakota and a casual migrant and summer visitor in the western part of the state (Tallman et al. 2002). The breeding range covers most of the eastern United States, east of the Plains States, with the wintering range in Mexico, Central America and northern South America (Modenhauer and Regelski 2012). Multiple summer records for this species exist for the Black Hills, suggesting potential breeding there, but breeding has so far been undocumented for South Dakota (Tallman et

al. 2002). Northern Parula occupies a variety of deciduous and mixed deciduous-coniferous woodlands during the breeding season, but will use most woodland habitats during migration (Moldenhauer and Regelski 2012), so the scattered woodland areas near Hereford are consistent with migratory habitat use in this species. The timing of the record is also consistent with the general timing of spring migration through South Dakota, which extends throughout May (Tallman et al. 2002).

Early or Late Migrants

A Hermit Thrush (*Catharus guttatus*) was listed for the Hereford area by Levin from 20 May 1937. This is rather late for a spring migrant in South Dakota, as the main migration period is mid to late April (Tallman et al. 2002), although records of spring migrants occur until mid to late May (SDOU bird observation database, sdou.org). Hermit Thrush is an uncommon migrant in eastern South Dakota, but a rare migrant and accidental summer visitor in the western part of the state (Tallman et al. 2002). Thus, it is possible that Levin's record is a valid record for Hermit Thrush. However, the timing of the record better fits the migration timing (basically the entirety of May) for the very similar Swainson's Thrush (*Catharus ustulatus*), which is a common migrant statewide and common breeder in higher elevations of the Black Hills (Pettingill and Whitney 1965, Tallman et al. 2002). Surprisingly, Levin does not list Swainson's Thrush among his records, although he does list Veery (*Catharus fuscescens*), so this record likely does not rule out the more common Swainson's Thrush.

The 19 April 1936 record of Northern Waterthrush (*Parkesia noveboracensis*), listed by Levin as simply "water thrush," would be the earliest spring migrant record for this species for the state, as the current earliest spring migrant date is 24 April (SDOU bird observation database, sdou.org). Northern Waterthrush is much more likely than the very similar-looking Louisiana Waterthrush (*Parkesia motacilla*) for South Dakota, as the former is an uncommon migrant statewide with lesser numbers in the far west whereas the latter is a casual spring migrant (Tallman et al. 2002), with all records from the southeast except for one from Stanley Co. (SDOU bird observation database, sdou.org). Pettingill and Whitney (1965) list Northern Waterthrush as a rare spring transient for the Black Hills. Levin also recorded a waterthrush on 26 May 1935, which is toward the latter end of the typical migration period for Northern Waterthrush in South Dakota, but records extend to 4 June (SDOU bird observation database, sdou.org), so this latter record fits into the current range of migratory dates for this species in the state.

Levin lists two spring records of the Myrtle race of Yellow-rumped Warbler (*Setophaga coronata*), 25 May and 2 June 1935, which are at the latter end of the range of migration dates for this species in South Dakota. The peak migration of this race in South Dakota occurs from late April to mid-May, but records do extend into June (Tallman et al. 2002), so the dates are late but not unprecedented. It is interesting to note that Levin does not list the Audubon's race of Yellow-rumped Warbler, which is the common breeding species in conifer forests in western South Dakota (Pettingill and Whitney 1965). However, the woodland habitats in the Hereford area fit the profile for migration stopover habitats for the Myrtle race, which is an uncommon to common migrant statewide (Pettingill and Whitney 1965, Tallman et al. 2002), so these records seem likely to be valid records for the Myrtle race of Yellow-rumped Warbler.

Conclusions

One purpose of this paper is to make the bird records of George Levin from the Hereford area permanently available to ornithologists. The publication of these records provides an interesting and important snapshot of the birds of western South Dakota grassland-agricultural areas during the 1930s, a period when relatively few bird records for this general area exist. Levin's bird sightings also help establish a historical baseline against which current bird distributions in the state can be compared. Most of the avifauna documented by Levin still persist in the area (Tallman et al. 2002), but the documentation of several birds characteristic of Black Hills habitats away from the Black Hills, some rare species for western South Dakota, and several early or late migrants, provide valuable additions to the expected avifauna of the region. A few of the records (e.g., Scissor-tailed Flycatcher, Virginia's Warbler, and LeConte's and Nelson's sparrows)

would require rare bird documentation before inclusion into the official bird records for South Dakota, but their listing here provides additional data points to help inform descriptions of patterns of vagrancy for these birds in the state.

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Intolerance by a Bison, a Native Species, Toward a Cattle Egret, an Exotic Species, in Southwestern South Dakota

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On 23 April 2006 I observed and videotaped an interaction between a lone male bison (*Bison bison*)—a species native to North America—and a Cattle Egret (*Bubulcus ibis*)—an exotic species—at Badlands National Park (BNP) in southwestern South Dakota. The incident is noteworthy because Cattle Egrets previously had only twice been reported in Pennington County (Online Seasonal Report System 2018) and because of the bison's apparent intolerance of the exotic bird.

When I first observed the incident, the Cattle Egret was about 2 m from the bison, perpendicular or obtuse to the bison. In typical bison fashion, the bison would graze for a few seconds before walking forward and grazing a new spot. As the bison walked the Cattle Egret moved with it. In the first instance I observed of apparent intolerance, the bison stopped walking and swung its head in the direction of the Cattle Egret, which at that moment was approximately 2 m to the side of the bison's head. The Cattle Egret jumped, flapped its wings a couple of times, and landed about 1 m to the side of the bison's hind quarter. When the bison resumed walking the Cattle Egret followed along, approximately 2 m from the bison's hind quarter. After several steps, the bison stopped and swung its head back toward the Cattle Egret. The bird immediately froze. After looking back at the Cattle Egret for approximately 5 seconds, the bison turned its shoulders toward the bird, at which time the Cattle Egret jumped back and landed about 2 m posterior to the bison. The bison again started walking as the bird followed. Approximately 8 seconds later the bison stopped and made a more demonstrative swing of its head back toward the Cattle Egret. The bison then turned and stared at the Cattle Egret for 14 seconds (Fig. 1), before turning back and walking away from the bird. The sequence of bison stopping, swinging its head toward the bird, and the Cattle Egret jumping back, repeated itself one more time. When the bison resumed grazing the bird quickly ran toward the hind feet of the bison, at which point the bison kicked at the bird with a hind leg. The Cattle Egret immediately flew off and landed about 4 m from the bison. I observed and videotaped the incident for an additional 2 minutes, during which time the Cattle Egret continued to shadow the bison, although staying a more distant 4 m away.

The intolerance that the bison displayed toward the Cattle Egret is noteworthy because frequently birds, most notably the Brown-headed Cowbird (*Molothrus ater*; Goguen et al. 2005) forage on the ground near bison. Yet bison show no noticeable reaction or intolerance of cowbirds foraging near them, a classic commensal relationship. Cowbirds will even forage under bison, perch on the back of bison, or cool off in the shade under the head of a recumbent bison, with no apparent intolerance by the bison. This apparent indifference by bison to Brown-headed Cowbirds is not surprising as the species co-evolved and co-existed on the Great Plains for millennia. In a contrast to that relationship, the bison observed at BNP displayed a high level of intolerance to the Cattle Egret. It is possible that this was the first Cattle Egret encountered by the bison.

Cattle egrets are native to Africa and southwestern Europe; they were first documented in the United States in Florida around 1941 (Terres 1980). They are most abundant in the southern and southeastern United States; however, they are now found in much of the Mississippi, Ohio, and Missouri River watersheds during the summer months, including in eastern South Dakota (USDI Geological Survey 2010). However, they are still rare in the western part of the state and the observation reported here appears to be the first record for western Pennington County (Tallman et al. 2002). The observation reported here is the only time I observed a Cattle Egret at BNP in spite of regular visits from 2001–2018. Likewise, the park biologist has never observed a Cattle Egret at the park nor is he aware of sightings (E. Childers, National

Park Service, pers. comm.). Encounters between bison and Cattle Egrets may become more common in the future as climate change may expand the range of the bird (Mathews 2009). Whether bison become more tolerant of Cattle Egrets in the future remains to be seen.

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*Fig. 1. Bison looking at Cattle Egret at Badlands National Park.
PHOTO CREDIT: Daniel S. Licht*



The 2018 Spring Seasonal Report

01 March 2018 to 31 May 2018

Compiled By Jeffrey S. Palmer

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There were 321 species, including 10 rarities, reported during the season. The ten-year (2008-2017) average is 321. Below I have tried to highlight the more significant sightings, especially dates that are among the earliest/latest included in the online database and species that 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 reported date in the missing region also. Finally, included at the end is a list of species (13) that were not reported this year and might be expected during the Spring Season. A species is placed on the list if it was not reported this year but had been reported during spring in at least 2 of the previous 5 years. Numbers in parentheses indicates the number of consecutive years (up to 4) that the species has appeared on the list during the season. Species not reported during the Spring Season for the last 5 years were **Black Scoter, White-winged Crossbill, Prothonotary Warbler, Black-throated Blue Warbler, and Pine Warbler** and were removed from this list. To look up any records in the SDOU database, visit <https://research.dsu.edu/sdousbor/explore-sightings.aspx>

Greater White-fronted Goose Early: 02 Mar Charles Mix RM; 03 Mar Lake JSP; 03 Mar Yankton RND; 03 Mar Hutchinson KP; 09 Apr Tripp MMM ... Late: 14 May Minnehaha MKZ; 07 May Hutchinson RND; 23 Apr Day GO; 18 Apr Pennington JLB; 17 Apr Clay GJS

Snow Goose Early: 03 Mar Turner KP; 03 Mar Yankton RND, DS; 03 Mar Lake JSP; 01 Apr Jackson ND ... Late: 29 May Faulk and Edmunds GO; 21 May McPherson ND; 12 May Dewey KM; 28 Apr Butte ND

Ross's Goose Early: 03 Mar Hutchinson KP; 07 Mar Charles Mix RM; 08 Mar Pennington CLG; 08 Mar Hughes and Stanley KM ... Late: 23 Apr Lincoln ND; 21 Apr Charles Mix RM; 16 Apr Roberts CV

Cackling Goose Early: 01 Mar Charles Mix RM; 03 Mar Kingsbury JSP; 03 Mar Yankton RND; 03 Mar Hutchinson KP; 08 Mar Pennington CLG ... Late: 16 Apr Douglas KP; 15 Apr Roberts CV; 15 Apr Pennington RSL; 07 Apr Hughes ND, KM

Tundra Swan All Reports: 15 Apr Roberts CV; **23 Apr Charles Mix KP; 25 Apr Gregory RM**

Wood Duck Early: 03 Mar Charles Mix RM; 03 Mar Yankton RND, DS; 04 Mar Hughes RDO; 04 Mar Stanley KM; 09 Mar Lake JSP; 10 Mar Lawrence ND

Gadwall Early: 03 Mar Yankton RND; 03 Mar Lake JSP; 03 Mar Charles Mix RM; 08 Mar Pennington CLG

American Wigeon Early: 02 Mar Charles Mix and Gregory RM; 03 Mar Yankton RND; 03 Mar Hutchinson KP; 08 Mar Pennington CLG

American Black Duck All Reports: 07 Mar Stanley RDO; 08 Mar Stanley KM; 10 Mar Charles Mix RM

Mallard Confirmed Breeding: **16 Apr Pennington (ON) CLG**

Blue-winged Teal Early: 14 Mar Stanley KM; 27 Mar Charles Mix RM; 30 Mar Lake JSP; 30 Mar Clay DS; 08 Apr Pennington RSL

Cinnamon Teal Early: 25 Apr Butte ND; 27 Apr Hyde KM; 28 Apr Douglas KP

Northern Shoveler Early: 03 Mar Yankton DS, RND; 03 Mar Charles Mix RM; 09 Mar Lake JSP; 23 Mar Pennington JLB

Northern Pintail Early: 02 Mar Gregory and Charles Mix RM; 03 Mar Lake JSP; 03 Mar Yankton RND; 08 Mar Pennington CLG

Green-winged Teal Early: 03 Mar Charles Mix RM; 03 Mar Lake JSP; 03 Mar Yankton RND; 08 Mar Pennington CLG

Canvasback Early: 02 Mar Gregory and Charles Mix RM; 03 Mar Yankton RND; 09 Mar Lake JSP; 24 Mar Pennington RSL

Redhead Early: 02 Mar Charles Mix and Gregory RM; 03 Mar Lake JSP; 03 Mar Yankton RND; 08 Mar Pennington CLG

Ring-necked Duck Early: 02 Mar Gregory and Charles Mix RM; 03 Mar Yankton RND; 08 Mar Pennington CLG; 09 Mar Lake JSP

Greater Scaup Early: 02 Mar Charles Mix RM; 04 Mar Hughes RDO; 15 Mar Stanley RDO; 01 Apr Todd ND; 07 Apr Hamlin and Minnehaha CA ... Late: 02 May Stanley RDO; 20 Apr Gregory RM; 20 Apr Brown GO

Lesser Scaup Early: 02 Mar Charles Mix and Gregory RM; 03 Mar Lake JSP; 03 Mar Yankton RND; 08 Mar Pennington CLG

Bufflehead Early: 02 Mar Gregory RM; 03 Mar Kingsbury JSP; 03 Mar Yankton RND; 08 Mar Pennington CLG ... Late: 14 May Pennington CLG; 13 May Sanborn RDO; 13 May Fall River ND; 01 May Yankton RND

Common Goldeneye Early: 02 Mar Charles Mix RM; 03 Mar Lake JSP; 03 Mar Yankton RND; 03 Mar Hutchinson KP; 08 Mar Pennington CLG ... Late: 02 May Perkins KM; 01 May Lake JSP; 28 Apr Minnehaha MKZ, CA; 24 Apr Stanley KM

Hooded Merganser Early: 03 Mar Charles Mix RM; 03 Mar Yankton RND; 04 Mar Stanley KM; 10 Mar Kingsbury JSP; 26 Mar Pennington MMM ... Late: 09 May Day GO; 02 May Roberts CV; 01 May Lake JSP; 01 May Brown GO; 01 May Yankton RND; 18 Apr Pennington JLB

Common Merganser Late: 31 May Lawrence ND; 28 May Pennington CLG; 13 May Clay GJS; 13 May Miner CA

Red-breasted Merganser Early: 02 Mar Charles Mix RM; 03 Mar Yankton RND; 04 Mar Hughes RDO; 04 Mar Stanley KM; 10 Mar McCook CA; 11 Apr Tripp RDO ... Late: 22 May Stanley DB; 17 May Hughes KM; 01 May Yankton RND; 28 Apr Minnehaha MKZ, CA; 16 Apr Pennington ND

Ruddy Duck Early: 17 Mar Lake JSP; 17 Mar Gregory RM; 18 Mar Charles Mix KP; 15 Apr Haakon RDO

Northern Bobwhite All Reports: 27 Mar Charles Mix RM; 31 Mar Charles Mix RM; 25 Apr Charles Mix RM; 15 May Charles Mix RM; 17 May Charles Mix RM

Gray Partridge All Reports: 09 Mar Stanley RDO; 27 Mar Custer MMM; 26 May Perkins CA; 28 May Perkins KM

Ruffed Grouse All Reports: 30 Apr Lawrence ND; 09 May Lawrence JSP; 11 May Lawrence EK; 14 May Lawrence ND

Greater Sage-Grouse All Reports: 26 Apr Butte JLB; 28 Apr Butte ND

Pied-billed Grebe Early: 27 Mar Yankton RND; 28 Mar Charles Mix RM; 07 Apr Hamlin CV; 07 Apr Minnehaha CA; 14 Apr Pennington ND

Horned Grebe Early: 19 Mar Gregory RM; 22 Mar Charles Mix RM; 22 Mar Hughes KM; 01 Apr Todd ND; 21 Apr Lake JSP ... Late: 13 May Sanborn RDO; 13 May Fall River ND; 06 May Sully KM

Red-necked Grebe All Reports: **28 Mar Charles Mix RM**; 14 May Brown GO; 21 May Day ND; 23 May Roberts RDO; 24 May Marshall GO

Eared Grebe Early: 28 Mar Charles Mix RM; 30 Mar Gregory KP; 07 Apr Lake JSP; 10 Apr Meade RSL

Western Grebe Early: 12 Apr Hughes KM; 15 Apr Stanley KM; 19 Apr Fall River ND; 23 Apr Davison ND

Clark's Grebe All Reports: 26 Apr Stanley KM, RDO; 20 May Dewey ND

Mourning Dove Early: 15 Mar Charles Mix KP; 19 Mar Lincoln MKZ; 19 Mar Brown GO; 28 Mar Pennington RSL

Yellow-billed Cuckoo All Reports: 27 May Charles Mix RM; 27 May Stanley RDO; 30 May Yankton RND

Black-billed Cuckoo All Reports: 18 May Roberts MO; 20 May Roberts CV; 23 May Roberts RDO; 24 May Roberts GO; 27 May Charles Mix RM; 27 May Roberts CV

Common Nighthawk Early: 15 May Tripp RDO; 15 May Clay DS; 17 May Brown GO; 17 May Minnehaha CA

Common Poorwill Early: 05 May Hughes RDO, KM; 07 May Pennington MMM; 15 May Tripp RDO

Eastern Whip-poor-will All Reports: 02 May Charles Mix RM; 04 May Charles Mix KP; 05 May Charles Mix KP; 11 May Lincoln MO; 12 May Lincoln RDO; 30 May Charles Mix RM

Chimney Swift Early: 30 Apr Douglas KP; 01 May Charles Mix RM; 02 May Hughes KM; 14 May Pennington CLG

White-throated Swift Early: 12 Apr Lawrence ND; 29 Apr Harding KM; 05 May Pennington JLB

Ruby-throated Hummingbird Early: **01 May Charles Mix RM**; 05 May Clay GJS; 11 May Lincoln MKZ

Broad-tailed Hummingbird All Reports: 27 May Lawrence CA; 28 May Custer CA

Virginia Rail Early: 06 May Hughes KM; 13 May Lake and Miner CA

Sora Early: 07 May Yankton RND; 10 May Brown GO; 12 May Union MO, RDO; 13 May Harding KM

American Coot Early: 02 Mar Charles Mix RM; 03 Mar Yankton RND; 08 Mar Pennington CLG; 09 Mar Lake JSP

Sandhill Crane Early: 21 Mar Charles Mix RM; 21 Mar Douglas KP; 29 Mar Gregory RM; 30 Mar Custer MMM ... Late: 05 May Butte ND; 01 May Pennington ND; 28 Apr Charles Mix KP; 20 Apr Faulk MMM

Whooping Crane All Reports: 11 Apr Charles Mix RM; 12 Apr Charles Mix RM; 22 Apr Gregory ND

Black-necked Stilt Early: 28 Apr Butte ND; 07 May Hutchinson RND; 21 May Brown ND

American Avocet Early: 07 Apr Hughes KM; 15 Apr Haakon RDO; 16 Apr Douglas KP

Black-bellied Plover All Reports: 06 May Sully KM; 09 May Sully RDO; 15 May Tripp RDO; 18 May Sully RDO; 19 May Kingsbury JSP

American Golden-Plover Early: 30 Apr Brookings CV; 11 May Lincoln CA, RDO; 13 May Turner CA; 13 May Hutchinson, Sanborn, Davison, and Miner RDO; 15 May Tripp RDO; 20 May Walworth KM ... Late: 24 May Beadle RDO; 20 May Brown KM; 20 May Turner KP

Semipalmated Plover Early: 30 Apr Butte ND; 02 May Perkins KM; 03 May Minnehaha CA; 09 May Sully RDO ... Late: 20 May Dewey ND; 20 May Edmunds KM; 19 May Kingsbury JSP; 05 May Butte ND

Piping Plover Early: 20 Apr Stanley KM; 22 Apr Charles Mix RM; 02 May Perkins KM; 20 May Edmunds KM

Killdeer Early: 03 Mar Yankton RND, DS; 03 Mar Meade ND; 03 Mar Hutchinson and Minnehaha KP

Upland Sandpiper Early: 28 Apr Douglas KP; 29 Apr Ziebach KM; 29 Apr Custer MMM; 30 Apr Stanley RDO

Whimbrel All Reports: 09 May Sully RDO; 15 May Walworth KM

Long-billed Curlew Early: 01 Apr Bennett and Todd ND; 04 Apr Custer MMM; 08 Apr Stanley KM

Hudsonian Godwit Early: 10 Apr Buffalo MMM; 12 Apr Charles Mix RM; 18 Apr Douglas KP; 22 Apr Tripp ND ... Late: 19 May Kingsbury JSP; 19 May Hutchinson KP; 15 May Charles Mix RM

Marbled Godwit Early: 10 Apr Buffalo MMM; 10 Apr Hughes KM; 11 Apr Hand MMM; 14 Apr Pennington ND

Ruddy Turnstone Early: 02 May Charles Mix RM; 03 May Kingsbury JSP; 06 May Sully KM ... Late: 29 May Brown and Edmunds GO; 23 May Roberts RDO; 20 May Walworth ND

Stilt Sandpiper Early: 04 May Charles Mix RM; 06 May Perkins ND; 08 May Butte ND; 13 May Sanborn RDO; 13 May Kingsbury CA ... Late: 30 May Butte ND; 29 May Edmunds and Brown GO; 25 May Charles Mix KP

Sanderling Early: 27 Apr Sully KM; 10 May Butte KM; 12 May Dewey KM; 13 May Miner RDO ... Late: 20 May Edmunds KM; 19 May Butte ND; 18 May Sully RDO

Dunlin Early: 20 Apr Clay GJS; 21 Apr Lake JSP; 07 May Hutchinson RND ... Late: 28 May Lincoln MKZ; 22 May Brown RDO; 21 May Marshall ND; 14 May Clay GJS

Baird's Sandpiper Early: **03 Mar Charles Mix RM**; 26 Mar Gregory RM; 30 Mar Miner JSP; 22 Apr Tripp ND ... Late: 28 May Lincoln MKZ; 28 May Butte RSL; 25 May Douglas and Charles Mix KP

Least Sandpiper Early: **02 Apr Charles Mix KP**; 21 Apr Clay DS; 25 Apr Butte ND; 03 May Brown GO ... Late: 28 May Lincoln MKZ; 28 May Butte RSL; 20 May Turner KP; 18 May Hyde KP

White-rumped Sandpiper Early: 04 May Clay DS; 11 May Union MO; 12 May Lincoln CA, MKZ; 19 May Butte ND

Buff-breasted Sandpiper All Reports: **11 May Lincoln CA, MO, RDO; 12 May Lincoln RDO**

Pectoral Sandpiper Early: 04 Apr Charles Mix RM; 22 Apr Tripp ND; 28 Apr Butte ND; 30 Apr Brookings CV ... Late: 29 May Brown GO; 28 May Butte RSL; 25 May Douglas KP; 23 May Charles Mix KP

Semipalmated Sandpiper Early: 27 Apr Sully KM; 28 Apr Douglas KP; 30 Apr Charles Mix RM; 02 May Perkins KM ... Late: 27 May Butte CA; 23 May Charles Mix KP; 21 May Brown ND

Short-billed Dowitcher Early: 29 Apr Butte ND; 30 Apr Charles Mix RM; 09 May Sully RDO; 12 May Lincoln CA, MKZ ... Late: 18 May Hyde KM; 15 May Brookings CV; 15 May Tripp RDO

Long-billed Dowitcher Early: 22 Apr Tripp KM; 22 Apr Yankton RND; 24 Apr Charles Mix RM; 28 Apr Douglas KP ... Late: **27 May Pennington JLB**; 20 May Turner KP; 19 May Hutchinson KP; 15 May Charles Mix RM

Wilson's Snipe Early: 08 Apr Oglala Lakota MMM; 11 Apr Tripp RDO; 14 Apr Clay GJS; 14 Apr Lincoln CA

American Woodcock Early: 12 Apr Lincoln CA; 24 Apr Hughes RDO; 05 May Gregory KP

Spotted Sandpiper Early: 28 Apr Minnehaha CA, MKZ; 29 Apr Harding KM; 29 Apr Butte and Meade ND; 29 Apr Oglala Lakota MMM; 30 Apr Stanley RDO

Solitary Sandpiper Early: 28 Apr Harding ND; 29 Apr Butte ND; 30 Apr Charles Mix RM; 30 Apr Brown GO ... Late: 19 May Kingsbury JSP; 15 May Tripp RDO; 13 May Clay GJS

Greater Yellowlegs Early: 22 Mar Charles Mix KP; 30 Mar Douglas KP; 05 Apr Hughes KM; 07 Apr Pennington MMM ... Late: 25 May Charles Mix KP; 20 May Hutchinson KP; 20 May Edmunds KM; 15 May Tripp RDO

Willet Early: 15 Apr Yankton RND; 19 Apr Charles Mix KP; 20 Apr Sully KM; 22 Apr Tripp ND; 28 Apr Douglas KP

Lesser Yellowlegs Early: 30 Mar Douglas KP; 30 Mar Charles Mix RM; 10 Apr Buffalo MMM; 22 Apr Tripp ND ... Late: 19 May Day KM; 18 May Roberts MO; 18 May Sully RDO; 15 May Tripp RDO

Wilson's Phalarope Early: 20 Apr Douglas KP; 21 Apr Lake JSP; 22 Apr Tripp ND; 22 Apr Charles Mix KP

Red-necked Phalarope Early: 04 May Jackson CA; 08 May Butte and Meade ND; 09 May Sully RDO; 18 May Hand KM ... Late: 29 May Brown GO; 21 May Marshall ND; 20 May Edmunds KM; 20 May Ziebach, Meade, and Dewey ND

Bonaparte's Gull Early: 13 Apr Gregory RM; 13 Apr Hughes KM; 20 Apr Charles Mix RM; 20 Apr Roberts MO; 20 Apr Stanley KM; 02 May Meade KM ... Late: 22 May Stanley KM; 19 May Kingsbury JSP; 14 May Charles Mix RM; 05 May Bennett CA; 05 May Butte ND

Franklin's Gull Early: 03 Mar Charles Mix RM; 16 Mar Hughes KM; 27 Mar Yankton RND; 30 Mar Lake JSP; 19 Apr Fall River ND

Ring-billed Gull Early: 02 Mar Charles Mix RM; 02 Mar Hughes RDO; 03 Mar Yankton RND; 03 Mar Lake JSP; 18 Mar Pennington JLB; 18 Mar Custer RDO

California Gull Early: 11 Mar Hughes KM; 13 Mar Charles Mix RM; 18 Mar Pennington JLB; 21 May McPherson ND

Herring Gull Early: 02 Mar Hughes RDO; 02 Mar Charles Mix RM; 03 Mar Yankton RND; 24 Mar Meade ND; 30 Mar Lincoln MKZ; 30 Mar Kingsbury JSP ... Late: 08 May Charles Mix RM; 06 May Yankton RND; 21 Apr Turner MKZ; 21 Apr Lake JSP; 05 Apr Pennington RSL

Thayer's Gull All Reports: 27 Mar Charles Mix RM; 30 Mar Charles Mix RM; 31 Mar Charles Mix RM; 05 Apr Charles Mix RM

Iceland Gull Early: 02 March Hughes RDO; 26 Mar Charles Mix RM; 27 Mar Stanley KM ... Late: **17 Apr Stanley KM**

Lesser Black-backed Gull Early: 18 Mar Charles Mix KP; 30 Mar Stanley KM; 09 Apr Minnehaha MKZ ... Late: 23 May Hughes KM; 14 Apr Douglas KP; 10 Apr Charles Mix RM

Glaucous Gull Only Report: 04 Mar Charles Mix KP

Great Black-backed Gull Early: 27 Mar Stanley KM ... Late: **27 Apr Stanley RDO**

Least Tern All Reports: **03 May Gregory RM**; 05 May Charles Mix KP; 08 May Charles Mix RM; 14 May Charles Mix RM; 26 May Clay DS; 27 May Charles Mix RM

Caspian Tern Early: 19 Apr Meade JLB; 21 Apr Butte EK; 23 Apr Stanley KM, RDO; 30 Apr Brown GO ... Late: 28 May Stanley DB, RDO; 27 May Butte CA; 24 May Marshall GO

Black Tern Early: 07 May Hutchinson RND; 10 May Stanley KM; 12 May Douglas KP; 13 May Pennington JLB

Common Tern All Reports: 10 May Meade DS, JSP; 13 May Clay GJS; 13 May Kingsbury CA; 19 May Butte ND; 22 May Stanley DB; 28 May Butte RSL

Forster's Tern Early: 17 Apr Stanley KM; 19 Apr Yankton RND; 20 Apr Roberts MO; 28 Apr Butte ND

Common Loon Early: 25 Mar Gregory RM; 27 Mar Stanley KM; 31 Mar Charles Mix RND; 19 Apr Minnehaha CA, MKZ; 19 Apr Fall River ND ... Late: 28 May Stanley RDO, DB; 18 May Turner RSL; 15 May Kingsbury JSP; 26 Apr Meade JLB

Double-crested Cormorant Early: 30 Mar Charles Mix RM; 30 Mar Miner JSP; 30 Mar Lincoln MKZ; 01 Apr Bennett and Jones ND

American White Pelican Early: 17 Mar Lake JSP; 22 Mar Charles Mix KP; 30 Mar Lincoln MKZ; 01 Apr Bennett ND

American Bittern Early: 22 Apr Yankton RND; 28 Apr Charles Mix KP; 04 May Hughes KM; 05 May Bennett CA; 07 May Lincoln CA

Least Bittern All Reports: **24 Apr Charles Mix RM**; 15 May Charles Mix RM

Great Blue Heron Early: 12 Mar Pennington CLG; 16 Mar Stanley KM; 17 Mar Gregory RM; 30 Mar Lake JSP

Great Egret Early: 05 Apr Lincoln MKZ; 06 Apr Douglas KP; 17 Apr Stanley KM; 17 Apr Minnehaha CA; 18 May Pennington RSL

Snowy Egret Early: 19 Apr Yankton RND; 13 May Hutchinson CA, KP; 13 May Kingsbury and Miner CA

Little Blue Heron Only Report: 07 May Hutchinson RND

Cattle Egret Early: 22 Apr Charles Mix KP; 04 May Douglas RM; 05 May Brookings JSP; 05 May Brule RDO, KM; 05 May Lyman KM

Green Heron Early: 01 May Lake JSP; 02 May Minnehaha CA; 12 May Brown GO

Black-crowned Night-Heron Early: 17 Apr Douglas KP; 19 Apr Minnehaha MKZ; 21 Apr Stanley KM, RDO; 21 Apr Brown GO

Glossy Ibis Only Report: 22 May Brown RDO

White-faced Ibis Early: 19 Apr Yankton RND; 19 Apr Brown GO; 21 Apr Clay DS; 21 Apr Hughes RDO, KM; 21 Apr Charles Mix KP; 21 Apr Sully KM; 25 Apr Butte ND

Turkey Vulture Early: 21 Mar Clay GJS; 25 Mar Meade RSL; 29 Mar Pennington ND; 30 Mar Lincoln MKZ

Osprey Early: 04 Apr Pennington RSL; 19 Apr Yankton RND; 19 Apr Fall River ND; 21 Apr Douglas KP; 21 Apr Minnehaha CA

Northern Harrier Early: 03 Mar Lake JSP; 03 Mar Turner and Hutchinson KP; 11 Mar Stanley RDO; 11 Mar Charles Mix KP; 19 Mar Haakon and Jackson RDO

Sharp-shinned Hawk Late: 24 May Lawrence ND; 05 May Custer MMM; 24 Apr Hughes KM; 23 Apr Lincoln ND

Northern Goshawk Late: 13 May Custer MMM; 18 Apr Lawrence ND; 14 Apr Hughes KM; 04 Apr Brown GO

Broad-winged Hawk Early: 17 Apr Douglas KP; 19 Apr Charles Mix KP; 20 Apr Hughes KM; 22 Apr Tripp KM ... Late: 31 May Bon Homme RM; 30 May Charles Mix RM; 24 May Roberts GO; 13 May Harding KM

Swainson's Hawk Early: 19 Apr Charles Mix KP; 21 Apr Hughes RDO, KM; 21 Apr Douglas KP; 21 Apr Turner MKZ; 28 Apr Butte ND

Rough-legged Hawk Late: **13 May Pennington JLB**; 06 May Butte ND; 22 Apr Tripp, Mellette, and Lyman KM; 17 Apr Douglas KP

Ferruginous Hawk Early: 07 Mar Hughes KM; 08 Mar Sully KM; 10 Mar Meade ND

Golden Eagle Late: 20 May Dewey ND; 23 Apr Minnehaha ND; 07 Apr Hyde KM

Barn Owl All Reports: 19 Mar Charles Mix RM; 21 Mar Sully KM; 20 May Sully RDO

Eastern Screech-Owl All Reports: 21 Mar Roberts CV; 04 Apr Brown GO; 01 May Brown GO; 06 May Harding ND; 09 May Brown GO; 24 May Dewey KM

Great Horned Owl Confirmed Breeding: 21 Mar Douglas (NE) KP

Snowy Owl Late: 26 Apr Butte ND; 19 Apr Faulk MMM; 13 Mar Hughes KM
Burrowing Owl Early: 03 Apr Custer MMM; 12 Apr Sully KM; 24 Apr Hughes KM
Barred Owl All Reports: 23 Apr Lincoln ND; 12 May Lincoln RDO, MO
Long-eared Owl All Reports: 11 Mar Sully RDO; 12 Mar Stanley RDO; 14 Apr Hughes KM; 16 May Stanley KM
Short-eared Owl Early: 09 Apr Brule MMM; 10 Apr Butte ND; 30 Apr Harding KM ... Late: 13 May Harding KM; 12 May Fall River ND; 06 May Perkins ND
Northern Saw-whet Owl All Reports: 12 Mar Sully KM; 06 May Harding ND; 13 May Harding KM; 26 May Harding KM
Belted Kingfisher Early: 08 Mar Pennington CLG; 22 Mar Hughes KM; 25 Mar Custer ND; 17 Apr Minnehaha CA; 17 Apr Douglas KP
Lewis's Woodpecker Only Report: 25 May Custer MMM
Red-headed Woodpecker Early: 24 Apr Clay DS; 01 May Yankton RND; 10 May Hughes RDO; 11 May Lincoln CA; 13 May Fall River ND
Red-bellied Woodpecker reported 22 Apr Tripp KM
Yellow-bellied Sapsucker Early: 15 Apr Clay GJS, DS; 15 Apr Lake JSP; 20 Apr Brown GO
Red-naped Sapsucker All Reports: 25 Apr Lawrence ND; 08 May Lawrence DS, JSP; 13 May Pennington JLB; 14 May Lawrence ND; 26 May Pennington ND; 27 May Pennington CA
American Three-toed Woodpecker All Reports: 18 Mar Custer RDO; 08 May Lawrence DS, JSP; 17 May Lawrence ND; 27 May Lawrence CA
Black-backed Woodpecker All Reports: 22 Mar Pennington ND; 04 Apr Pennington RSL; 09 May Lawrence JSP; 26 May Pennington ND
Northern Flicker Early: 01 Mar Charles Mix RM; 02 Mar Lincoln MKZ; 03 Mar Butte ND; 03 Mar Lake JSP; 03 Mar Yankton RND
Pileated Woodpecker All Reports: 23 Apr Marshall GO; 20 May Roberts CV; 23 May Marshall RDO
Merlin Late: 13 May Harding KM; 27 Apr Custer MMM; 23 Apr Hanson ND; 23 Apr Sanborn ND; 21 Apr Charles Mix KP
Peregrine Falcon Early: 27 Mar Charles Mix RM; 10 Apr Minnehaha CA; 21 Apr Lake JSP; 01 May Harding KM ... Late: 30 May Butte ND; 25 May Minnehaha CA; 20 May Brown KM; 11 May Union MO
Prairie Falcon Late: 22 Apr Lyman KM; 02 Apr Brown GO; 20 Mar Yankton RND
Olive-sided Flycatcher Early: 13 May Fall River ND; 13 May Minnehaha MO, RDO; 13 May Union GJS ... Late: 27 May Charles Mix RM; 26 May Perkins CA; 23 May Roberts RDO
Western Wood-Pewee Early: 11 May Fall River ND; 14 May Pennington CLG; 25 May Harding KM
Eastern Wood-Pewee Early: 05 May Gregory KP; 06 May Charles Mix RM; 06 May Turner CA
Yellow-bellied Flycatcher All Reports: 16 May Hughes EDS; 18 May Stanley RDO; 18 May Lake JSP
Alder Flycatcher Early: 18 May Lake JSP; 18 May Brown MO; 18 May Stanley KM ... Late: 27 May Roberts CV; 26 May Union DS; 20 May Day KM
Willow Flycatcher Early: 08 May Marshall GO; 10 May Minnehaha CA; 12 May Union CA, MKZ; 26 May Harding KM; 26 May Perkins CA
Least Flycatcher Early: 30 Apr Hughes EDS; 30 Apr Clay GJS; 02 May Minnehaha CA; 04 May Pennington ND
Dusky Flycatcher All Reports: 26 May Pennington ND; 26 May Lawrence EK; 27 May Lawrence CA; 28 May Custer CA
Cordilleran Flycatcher All Reports: 24 May Lawrence ND; 26 May Pennington ND; 27 May Lawrence CA; 28 May Custer CA
Eastern Phoebe Early: 27 Mar Yankton RND; 30 Mar Charles Mix RM; 30 Mar Gregory KP; 21 Apr Lake JSP; 22 Apr Todd ND
Say's Phoebe Early: 09 Apr Custer MMM; 16 Apr Pennington ND; 18 Apr Stanley RDO; 06 May Turner CA
Great Crested Flycatcher Early: 05 May Charles Mix RM; 08 May Stanley KM; 10 May Minnehaha CA; 22 May Pennington RSL

Western Kingbird Early: 30 Apr Gregory RM; 30 Apr Stanley RDO; 04 May Jackson CA; 08 May Marshall and Brown GO

Eastern Kingbird Early: **01 May Yankton RND**; 05 May Brookings JSP; 05 May Gregory KP; 09 May Custer MMM; 09 May Haakon KM

Loggerhead Shrike Early: 15 Apr Pennington RDO; 20 Apr Stanley KM; 21 Apr Charles Mix RM; 06 May Lincoln CA

Northern Shrike Late: 10 Apr Butte ND; 07 Apr Hand ND; 04 Apr Pennington RSL; 31 Mar Charles Mix RND

Bell's Vireo Early: 16 May Minnehaha CA; 17 May Hughes EDS; 18 May Stanley KM, RDO; 18 May Hutchinson RSL; 22 May Pennington RSL

Yellow-throated Vireo Early: 11 May Lincoln and Union MO; 18 May Roberts MO

Blue-headed Vireo Early: 07 May Minnehaha CA; 11 May Lincoln and Union MO ... Late: 19 May Lincoln MKZ; 18 May Douglas KP; 17 May Roberts CV; 14 May Union GJS

Plumbeous Vireo All Reports: 22 May Lawrence ND; 26 May Lawrence EK; 28 May Custer CA

Philadelphia Vireo Early: 16 May Roberts CV; 17 May Minnehaha CA; 18 May Douglas KP ... Late: 27 May Roberts CV; 21 May Minnehaha CA

Warbling Vireo Early: 05 May Gregory KP; 05 May Clay DS; 06 May Yankton RND; 06 May Charles Mix RM; 08 May Minnehaha CA; 08 May Douglas KP; 14 May Lawrence ND

Red-eyed Vireo Early: 15 May Union RND; 16 May Clay GJS; 16 May Lincoln JSP; 16 May Pennington ND

Canada Jay All Reports: 24 Apr Lawrence RDO; 30 Apr Lawrence ND; 08 May Lawrence ND; 09 May Lawrence DS, JSP; 11 May Lawrence EK; 28 May Custer CA

Pinyon Jay Only Report: 18 Mar Fall River RDO

Black-billed Magpie Confirmed Breeding: **25 Mar Custer (NB) ND** ... also reported 30 May Stanley KM

Horned Lark Confirmed Breeding: 27 Apr Custer (NE) MMM

Purple Martin Early: 08 Apr Douglas KP; 19 Apr Brown GO; 20 Apr Charles Mix RM; 20 Apr Hughes KM

Tree Swallow Early: 16 Apr Douglas KP; 19 Apr Yankton RND; 20 Apr Clay GJS; 20 Apr Hughes KM; 21 Apr Butte EK

Violet-green Swallow Early: 29 Apr Harding KM; 30 Apr Lawrence ND; 30 Apr Pennington CLG

Northern Rough-winged Swallow Early: 24 Apr Charles Mix RM; 24 Apr Hughes KM; 26 Apr Stanley RDO; 01 May Haakon ND; 07 May Hand KM

Bank Swallow Early: 24 Apr Hughes KM; 01 May Brown GO; 02 May Perkins KM

Cliff Swallow Early: 28 Apr Stanley KM; 28 Apr Butte ND; 01 May Haakon ND; 03 May Kingsbury JSP

Barn Swallow Early: 19 Apr Charles Mix KP; 20 Apr Stanley KM; 21 Apr Lake JSP; 22 Apr Tripp KM

Red-breasted Nuthatch Late: 16 May Lincoln JSP; 12 May Hughes KM; 10 May Minnehaha CA

Brown Creeper Late: 28 Apr Lake JSP; 26 Apr Hughes KM; 25 Apr Edmunds GO

Rock Wren All Reports: 29 Apr Oglala Lakota MMM; 13 May Harding KM; 26 May Perkins CA; 28 May Custer CA; 28 May Harding KM

Canyon Wren All Reports: 10 Mar Custer RSL; 11 May Fall River ND; 16 May Pennington ND; 27 May Lawrence RSL; 27 May Pennington CA; 28 May Custer CA

House Wren Early: 23 Apr Lincoln ND; 29 Apr Harding KM; 29 Apr Clay GJS

Winter Wren All Reports: 24 Apr Hughes KM; 30 Apr Brown GO

Sedge Wren Early: 02 May Clay DS; 05 May Bennett CA; 06 May Lincoln CA

Marsh Wren Early: 24 Apr Hughes KM; 29 Apr Dewey KM; 30 Apr Pennington CLG; 03 May Kingsbury JSP

Blue-gray Gnatcatcher Early: 02 May Minnehaha CA; 05 May Bennett CA; 06 May Lincoln CA; 11 May Union MO

American Dipper Confirmed Breeding: 14 Mar Lawrence (NB) ND

Golden-crowned Kinglet Late: 02 May Minnehaha CA; 28 Apr Union DS; 26 Apr Hughes KM

Ruby-crowned Kinglet Early: 30 Mar Hughes KM; 18 Apr Lawrence ND; 20 Apr Pennington RSL; 20 Apr Brown GO; 20 Apr Faulk MMM ... Late: 20 May Union RSL, RND; 20 May Day KM; 18 May Roberts MO

Eastern Bluebird Early: 02 Mar Charles Mix RM; 03 Mar Yankton RND; 09 Mar Lake JSP; 01 Apr Todd ND

Mountain Bluebird Early: 08 Mar Pennington JLB; 10 Mar Custer RSL; 11 Mar Jackson ND

Townsend's Solitaire Late: 20 Apr Faulk MMM; 04 Apr Brown GO; 30 Mar Charles Mix KP

Veery Early: 13 May Fall River ND; 18 May Lake JSP; 18 May Roberts MO; 21 May Clay DS

Gray-cheeked Thrush Early: 01 May Hughes EDS; 10 May Minnehaha CA; 11 May Lincoln MO ... Late: 22 May Day and Marshall GO; 21 May Hughes EDS

Swainson's Thrush Early: 30 Apr Brown GO; 02 May Charles Mix RM; 03 May Stanley RDO, KM; 08 May Pennington RSL

Hermit Thrush Early: **24 Mar Lincoln MKZ**; 04 Apr Charles Mix RM; 15 Apr Clay GJS; 15 Apr Yankton RND ... Late: 26 Apr Brown GO; 26 Apr Hughes KM; 25 Apr Edmunds GO

Wood Thrush Early: 08 May Minnehaha CA; 09 May Charles Mix RM; 11 May Lincoln MO

Gray Catbird Early: 22 Apr Charles Mix RM; 30 Apr Clay GJS; 07 May Douglas KM; 11 May Fall River ND; 11 May Pennington RSL

Brown Thrasher Early: 23 Apr Marshall GO; 24 Apr Clay DS; 26 Apr Gregory RM; 30 Apr Oglala Lakota MMM

Northern Mockingbird Late: 03 May Custer MMM; 05 May Clay GJS; 13 May Pennington JLB; 13 May Fall River ND

Bohemian Waxwing All Reports: 10 Mar Brown KP; 10 Mar Stanley RDO; 12 Mar Brown GO; 19 Mar Stanley KM; 30 Mar Hughes KM

American Pipit Early: 18 Mar Charles Mix KP; 24 Apr Stanley KM; 27 Apr Sully KM; 28 Apr Custer MMM; 11 May Lincoln CA, MO ... Late: **23 May Hughes KM**; **22 May Marshall GO**; 15 May Sully KM; 01 May Harding KM

House Finch Confirmed Breeding: 17 Mar Pennington (CN) ND

Purple Finch Late: **27 May Stanley RDO**; 01 May Roberts CV; 21 Apr Lake JSP; 15 Apr Haakon RDO

Cassin's Finch All Reports: 24 Apr Lawrence RDO; 28 May Custer CA

Red Crossbill Late: 22 May Day and Marshall GO; 17 May Minnehaha CA; 17 May Lake JSP

Common Redpoll Late: 04 May Lake JSP; 01 May Roberts CV; 29 Apr Pennington RSL; 24 Apr Hughes KM

Pine Siskin Late: 25 May Charles Mix RM; 24 May Roberts CV; 21 May McPherson ND

Lesser Goldfinch All Reports: **06 May Pennington RSL**; **11 May Fall River ND**

American Goldfinch Confirmed Breeding: **18 May Fall River (NB) ND**

Evening Grosbeak All Reports: 10 Mar Lawrence JLB; 13 Mar Lawrence RSL; 19 Mar Lawrence RDO; 10 Apr Lawrence ND; 30 Apr Lawrence ND

Lapland Longspur Late: 21 Apr Faulk MMM; 21 Apr Lake JSP; 20 Apr Sully KM; 11 Mar Pennington ND

Chestnut-collared Longspur Early: 23 Mar Custer MMM; 12 Apr Hand MMM; 16 Apr Pennington ND; 21 Apr Sully KM, RDO

Snow Bunting All Reports: 03 Mar Butte and Meade ND; 09 Mar Lake JSP; 10 Mar Brown KP; 11 Mar Lake JSP; 19 Mar Jackson RDO

Ovenbird Early: 08 May Clay GJS; 08 May Minnehaha CA; 10 May Brown GO; 10 May Hughes RDO; 14 May Harding KM; 14 May Lawrence ND

Northern Waterthrush Early: 30 Apr Minnehaha CA; 07 May Hughes KM; 08 May Clay GJS; 11 May Pennington RSL ... Late: 20 May Brown GO; 18 May Hughes DB, EDS; 15 May Walworth KM; 13 May Fall River ND

Golden-winged Warbler All Reports: 08 May Minnehaha CA; 13 May Minnehaha MO, RDO; 15 May Minnehaha CA; 16 May Lincoln JSP

Blue-winged Warbler Early: 11 May Lincoln MO; 18 May Roberts MO

Black-and-white Warbler Early: 01 May Minnehaha CA; 07 May Hughes EDS; 08 May Stanley KM, RDO; 08 May Clay GJS; 14 May Harding KM ... Late: 24 May Marshall GO; 20 May Dewey ND; 20 May Roberts CV

Tennessee Warbler Early: 07 May Charles Mix RM; 08 May Minnehaha CA; 08 May Pennington RSL; 08 May Lincoln MKZ

Orange-crowned Warbler Early: 23 Apr Stanley KM; 24 Apr Hughes KM; 27 Apr Yankton RND; 28 Apr Minnehaha CA; 29 Apr Harding KM ... Late: 20 May Day KM; 20 May Roberts CV; 19 May Lincoln MKZ; 15 May Union RND; 14 May Harding KM

Nashville Warbler Early: 08 May Minnehaha CA; 11 May Lincoln and Union MO ... Late: 20 May Brown GO; 17 May Roberts CV; 15 May Minnehaha CA; 14 May Union GJS

Virginia's Warbler Only Report: 28 May Custer CA

Connecticut Warbler Only Report: 22 May Day GO

MacGillivray's Warbler All Reports: 22 May Hughes EDS; 27 May Lawrence CA; 28 May Custer CA

Mourning Warbler Early: 16 May Hughes EDS; 17 May Minnehaha CA; 18 May Brown GO ... Late: 22 May Hughes EDS; 20 May Brown KM, GO; 19 May Stanley RDO; 19 May Roberts KM

Common Yellowthroat Early: 30 Apr Brown GO; 30 Apr Pennington CLG; 30 Apr Oglala Lakota MMM; 01 May Yankton RND

Hooded Warbler Only Report: 11 May Stanley KM

American Redstart Early: 08 May Clay GJS; 08 May Minnehaha CA; 08 May Charles Mix RM; 10 May Lawrence ND

Cape May Warbler All Reports: 15 May Union RND; 16 May Roberts CV; 22 May Day GO

Northern Parula All Reports: 17 May Lake JSP; 18 May Roberts MO; 19 May Roberts KM

Magnolia Warbler Early: 08 May Minnehaha CA; 11 May Lincoln and Union MO ... Late: 22 May Marshall and Day GO; 21 May Clay DS; 21 May Minnehaha CA

Bay-breasted Warbler All Reports: 12 May Charles Mix RM; 12 May Union MO, RDO; 13 May Lake CA; 19 May Roberts and Marshall KM

Blackburnian Warbler All Reports: 11 May Lincoln MO; 15 May Union RND; 18 May Brown GO; 20 May Brown GO; 20 May Day KM; 21 May Roberts ND

Yellow Warbler Early: 29 Apr Dewey KM; 30 Apr Douglas KP; 30 Apr Brown GO; 05 May Bennett and Mellette CA

Chestnut-sided Warbler Early: 13 May Hughes DB; 16 May Stanley KM; 16 May Lincoln JSP; 16 May Minnehaha CA ... Late: 21 May Minnehaha CA; 21 May Brown GO; 20 May Roberts CV; 20 May Day KM; 18 May Hughes DB, RDO; 18 May Clay DS, GJS

Blackpoll Warbler Early: 07 May Brown GO; 07 May Clay GJS; 08 May Minnehaha CA; 08 May Stanley RDO; 08 May Hughes KM; 08 May Pennington RSL; 08 May Douglas KP ... Late: 24 May Brown GO; 22 May Hughes KM; 22 May Marshall and Day GO; 22 May Minnehaha CA; 20 May Ziebach ND

Palm Warbler Early: 30 Apr Minnehaha CA; 01 May Brown GO; 01 May Roberts CV; 01 May Stanley ND ... Late: 20 May Dewey ND; 20 May Roberts CV; 15 May Walworth KM; 15 May Charles Mix RM

Yellow-rumped Warbler Early: 06 Mar Hughes KM; 12 Mar Pennington RSL; 13 Apr Clay DS; 20 Apr Lake JSP ... Late: 20 May Brown GO; 20 May Union RND, RSL; 20 May Dewey ND

Black-throated Green Warbler All Reports: 08 May Minnehaha CA; 09 May Brown GO; 12 May Brown GO; 12 May Union MO, RDO; 14 May Union GJS

Canada Warbler Early: 12 May Union MO, RDO; 13 May Minnehaha RDO; 18 May Roberts MO ... Late: 20 May Roberts CV; 20 May Brown GO; 13 May Union GJS

Wilson's Warbler Early: 08 May Meade ND; 08 May Minnehaha CA; 08 May Stanley RDO ... Late: 21 May Minnehaha CA; 19 May Brown GO; 18 May Hughes EDS; 18 May Lake JSP; 11 May Pennington RSL

Yellow-breasted Chat Early: 11 May Hughes DB; 11 May Fall River ND; 16 May Stanley KM

Spotted Towhee Early: 22 Apr Charles Mix RM; 23 Apr Stanley KM; 24 Apr Clay GJS; 30 Apr Pennington RSL; 30 Apr Harding KM; 30 Apr Oglala Lakota MMM; 03 May Minnehaha CA

Eastern Towhee Early: 24 Apr Clay GJS; 30 Apr Minnehaha CA; 07 May Gregory RM

American Tree Sparrow Late: **07 May Brown GO**; 28 Apr Deuel JSP; 25 Apr Edmunds GO; 24 Apr Stanley KM; 22 Apr Todd, Tripp, and Mellette KM

Chipping Sparrow Early: 13 Mar Hughes EDS; 22 Mar Pennington RSL; 23 Mar Douglas KP

Clay-colored Sparrow Early: 29 Apr Dewey KM; 29 Apr Stanley RDO; 30 Apr Oglala Lakota MMM; 30 Apr Minnehaha CA; 30 Apr Clay GJS

Brewer's Sparrow All Reports: 08 May Butte DS, JSP; 13 May Harding KM; 13 May Fall River ND; 27 May Harding CA

Field Sparrow Early: 23 Apr Minnehaha and Lincoln ND; 28 Apr Lake JSP; 28 Apr Union DS; 28 Apr Charles Mix KP; 01 May Haakon ND

Vesper Sparrow Early: 17 Apr Stanley KM; 20 Apr Hughes KM; 20 Apr Clay GJS; 21 Apr Lake JSP; 21 Apr Minnehaha CA; 21 Apr Oglala Lakota MMM

Lark Sparrow Early: 28 Apr Butte ND; 29 Apr Dewey KM; 30 Apr Oglala Lakota MMM; 06 May Turner CA

Lark Bunting Early: 27 Apr Charles Mix RM; 01 May Haakon RDO; 03 May Stanley EDS; 22 May McPherson RDO

Savannah Sparrow Early: 29 Mar Charles Mix RM; 10 Apr Brule MMM; 21 Apr Lake JSP; 21 Apr Sully RDO; 21 Apr Stanley RDO, KM; 21 Apr Hughes KM; 22 Apr Tripp KM

Grasshopper Sparrow Early: 25 Apr Lincoln CA; 29 Apr Custer MMM; 30 Apr Charles Mix RM

Baird's Sparrow All Reports: 13 May Harding KM; 26 May Corson CA

Fox Sparrow Early: 22 Mar Clay GJS; 29 Mar Lincoln MKZ; 31 Mar Lake JSP ... Late: 26 Apr Brown GO; 25 Apr Stanley RDO; 25 Apr Edmunds GO

Song Sparrow Early: 05 Mar Charles Mix RM; 07 Mar Clay GJS; 08 Mar Yankton RND; 24 Mar Lake JSP; 24 Mar Lincoln MKZ; 26 Mar Pennington MMM

Lincoln's Sparrow Early: 29 Mar Douglas KP; 14 Apr Lincoln MKZ; 15 Apr Charles Mix RM; 28 Apr Custer MMM ... Late: 23 May Custer MMM; 22 May Hyde KM; 20 May Union RSL, RND; 19 May Brown GO

Swamp Sparrow Early: 21 Apr Clay DS; 21 Apr Lake JSP; 22 Apr Lincoln MKZ; 05 May Bennett CA

White-throated Sparrow Early: 01 Apr Bennett ND; 12 Apr Lincoln CA; 14 Apr Clay GJS ... Late: 19 May Roberts KM; 18 May Turner RSL; 16 May Hughes KM; 13 May Harding KM

Harris's Sparrow Early: 07 Mar Clay GJS; 07 Apr Hamlin CA; 14 Apr Douglas KP; 11 May Pennington RSL ... Late: 22 May Clay GJS; 20 May Brown GO; 17 May Charles Mix RM

White-crowned Sparrow Early: 07 Mar Clay GJS; 27 Mar Charles Mix KP; 23 Apr Hughes KM; 26 Apr Brown GO; 28 Apr Butte EK, ND ... Late: 21 May Brown GO; 15 May Pennington RSL, ND; 15 May Walworth and Corson KM; 15 May Clay GJS; 15 May Charles Mix RM; 15 May Tripp RDO

Dark-eyed Junco Late: 04 May Brown GO; 30 Apr Stanley RDO; 28 Apr Minnehaha CA; 28 Apr Deuel JSP; 28 Apr Clay GJS; 28 Apr Gregory and Douglas KP; 28 Apr Hughes KM

Scarlet Tanager Early: 10 May Minnehaha CA; 15 May Union RND; 16 May Lincoln JSP

Western Tanager Early: 12 May Custer ND; 13 May Fall River ND; 26 May Pennington ND

Northern Cardinal Confirmed Breeding: 27 Apr Pennington (NE) fide JLB ... also reported 28 Mar Pennington RSL; 22 Apr Tripp KM

Rose-breasted Grosbeak Early: 01 May Clay GJS; 03 May Minnehaha CA; 04 May Charles Mix RM

Black-headed Grosbeak Early: 03 May Stanley RDO; 04 May Pennington RSL; 06 May Charles Mix RM

Blue Grosbeak Early: 14 May Custer MMM; 15 May Pennington RSL; 20 May Ziebach ND; 23 May Charles Mix KP; 28 May Minnehaha MKZ

Lazuli Bunting Early: 10 May Stanley RDO; 11 May Fall River ND; 18 May Hughes DB; 19 May Brown GO

Indigo Bunting Early: 04 May Gregory KP; 08 May Lincoln MKZ; 08 May Charles Mix RM

Dickcissel Early: **03 May Clay DS**; 06 May Lincoln CA; 13 May Hutchinson CA; 13 May Turner KP; 15 May Tripp RDO

Bobolink Early: 04 May Charles Mix RM; 05 May Bennett CA; 05 May Brule RDO, KM; 07 May Hutchinson RND; 07 May Lincoln CA; 07 May Minnehaha CA

Red-winged Blackbird Early: 02 Mar Turner KP; 03 Mar Hutchinson and McCook KP; 03 Mar Lake JSP; 04 Mar Charles Mix KP; 11 Mar Pennington ND

Eastern Meadowlark All Reports: 01 Apr Todd ND; 19 May Union RSL

Western Meadowlark Early: 01 Mar Charles Mix RM; 04 Mar Douglas and Gregory KP; 04 Mar Sully and Hughes KM; 10 Mar Meade ND
Yellow-headed Blackbird Early: 31 Mar Charles Mix RND; 01 Apr Bennett ND; 08 Apr Lincoln MKZ
Rusty Blackbird Early: 15 Mar Minnehaha CA; 22 Mar Charles Mix KP; 04 Apr Brown GO; 22 Apr Tripp KM ... Late: 23 Apr Day GO; 23 Apr Clay GJS; 21 Apr Lake JSP
Brewer's Blackbird Early: 14 Apr Faulk MMM; 15 Apr Charles Mix RM; 17 Apr Lyman KM; 22 Apr Tripp and Mellette KM
Common Grackle Early: 03 Mar Turner KP; 07 Mar Clay GJS; 10 Mar Minnehaha CA; 01 Apr Todd, Mellette, and Jones ND
Great-tailed Grackle Early: 18 Apr Douglas KP; 20 Apr Charles Mix RM; 01 May Stanley ND; 13 May Pennington JLB
Brown-headed Cowbird Early: 07 Apr Lake JSP; 08 Apr Lincoln MKZ; 14 Apr Clay GJS, DS; 22 Apr Tripp, Todd, and Mellette KM
Orchard Oriole Early: 05 May Gregory KP; 05 May Charles Mix RM; 07 May Hand KM; 11 May Fall River ND
Bullock's Oriole All Reports: 11 May Fall River ND; 14 May Custer MMM; **18 May Brule RSL**; 22 May Pennington RSL; 26 May Ziebach CA
Baltimore Oriole Early: 02 May Charles Mix RM; 02 May Clay GJS, DS; 02 May Minnehaha CA; 11 May Fall River ND

Reports Requiring Acceptance By The Rare Bird Records Committee

Eurasian Wigeon 15-16 Apr Pennington RSL, RDO, ND
Barrow's Goldeneye 02 Mar Charles Mix RM
Greater Prairie-Chicken 02 May Custer MMM
Black-chinned Hummingbird 27-29 May RSL
Arctic Tern 21-22 May Stanley RDO, KM, DB
Neotropic Cormorant 23 May Marshall RDO
Snowy Egret 18 May Pennington MMM
Peregrine Falcon 01 Mar Minnehaha CA
Common Raven 18 Mar Haakon RDO; 27 May Lawrence CA
Tufted Titmouse 04 May Charles Mix RM
Eurasian Tree Sparrow 26 Apr Clay GJS
McCown's Longspur 30 Apr Harding KM
Mourning Warbler 15 May Pennington RSL
Kentucky Warbler 19 May Roberts KM; 20 May Roberts CV

Species Expected But Not Reported

Surf Scoter (3), White-winged Scoter (3), Long-tailed Duck, Common Gallinule (3), Red Knot (2), Mew Gull (4), Clark's Nutcracker (2), Sage Thrasher, Sprague's Pipit, Pine Grosbeak (2), Worm-eating Warbler, LeConte's Sparrow, Summer Tanager

Contributing Observers

CA	Chris Anderson	GO	Gary Olson
DB	Doug Backlund	RDO	Ricky D. Olson
JLB	Jocelyn L. Baker	MO	Mark Otnes
RND	Roger N. Dietrich	JSP	Jeffrey S. Palmer
ND	Nancy Drilling	KP	Kelly M. Preheim
CLG	Canyon Lake Group	GJS	Gary & Jan Small
EK	Elizabeth Krueger	EDS	Eileen Dowd Stukel
RSL	Richard S. Latuchie	DS	David Swanson
RM	Ron Mabie	CV	Cheryl Vellenga
MMM	Michael M. Melius	MRZ	Mick Zerr
KM	Kenny Miller		



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LeConte's Sparrow, Spirit Mound, Clay Co.