



BIRD STUDY GROUP NEWSLETTER

Volume 11, Number 1
August 30, 1996

Bird Alert Service: Phone 318,797-5338, 24 hrs/day, 7 days/wk.
Meeting Place and Headquarters: LSUS Museum of Life Sciences
Internet Home Page -- <http://www.softdisk.com/comp/birds/>
E-Mail -- lsusmus@prysm.net

NEXT MEETING

September 10, 1996
7:00 PM

VISITING A BIRDING HOTSPOT

by

Jean Trahan

Refreshments will be available at 6:30 PM
Come early to visit, relax,
pay dues, or all of the above.

NEXT FIELD TRIPS

September 7 - Soda Lake WMA
September 14 - I-49 Borrow pits

COMMITTEE CHAIRPERSONS

BIRD REPORT	Bobbe Wommack	686-0369 h
	Will Smolenski	865-2938 h
BIRD HOT SPOTS	Larry Raymond	929-2806 w
FIELD TRIPS	Hubert Hervey	925-9249 h
	Bill Hall	797-1727 h
FUND RAISING	Will Smolenski	865-2938 h
HISTORIAN and LIBRARIAN	Jim Ingold	797-5236 w
HOSPITALITY and SPECIAL EVENTS	Jean Trahan	868-7360 h, 869-5719 w
	Betty Mason	752-1029 h
	Athie Bell	686-6347 h
MEMBERSHIP	Shirley Huss	865-5959 h
NEWSLETTER	Mac Hardy	797-5338 w, 687-6738 h
BEGINNING BIRDERS	Larry Raymond	929-2806 w
	Jeff Trahan	868-7360 h, 869-5217 w
PHONE TREE	Jeff Trahan	868-7360 h, 869-5217 w
PROGRAMS	Vicki LeFevers	861-4533 h, 869-5088 w
PUBLICITY	Vacant	
WWW Home Page	Jim Ingold	797-5236 w, 742-5067 h

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**BOARD of DIRECTORS
1995-96**

- President - **JIM INGOLD** (797-5236 w), 1*
 - Vice-President - **VICKI LEFEVERS** (861-4533 w), 3
 - Secretary - **GAY VEKOVIUS** (676-5156), 2
 - Treasurer - **BETTY MASON** (752-1029), 1

 - MAC HARDY** (797-5338 w), 3
 - ROY HENDERSON** (861-7449 h), 3
 - HUBERT HERVEY** (925-9249 h), 1
 - OPEN**, 3
 - LARRY RAYMOND** (929-2806 w), 2
 - OPEN**, 2
 - ROSEMARY SEIDLER** (424-2972 w), 2
 - WILL SMOLENSKI** (865-2938 h), 3
 - JEAN TRAHAN** (869-5719 w), 1
 - JEFF TRAHAN** (869-5217 w), 1
 - BOBBE WOMMACK** (686-0369 h), 2
- * Years remaining of 3-year term.

FIELD TRIPS

September 7 -- Soda Lake Wildlife Management Area. Meet at the Museum parking lot (LSUS campus) at 7:00 AM or at the What-A-Burger on North Market street at 7:30 AM. Leader will be Hubert Hervey who will meet both groups. Phone **925-9249**

September 14 -- I-49 Borrow pits, approximately 49 miles south of Bert Kouns. Meet at the Museum parking lot at 7:30 AM. Leader:

BSG Membership

Check mailing address label to see if your membership in the Bird Study Group is current. Please renew your BSG membership early so you will not miss a Newsletter.

Dues Are DUE

Hubert Hervey (925-9249).

October 11-13 -- Heard Museum in McKinney, Texas. This will be a week-end trip to an extremely interesting area. Leader Hubert Hervey (925-9249). The deadline for reservations is October 9, 12:00 noon. A sign-up sheet will be available at the September and October meetings.

BARKSDALE TRIP A SUCCESS!

The Bird Study Group took its last field trip of the 1995-96 birding year on 15 June 1996. As always this trip is to the heron-egret-ibis rookery on the Barksdale Air Force Base. Betty Moulton was our leader while her husband helped the movers. She left the next day for Virginia. Forty-six species were located on the base. At the rookery we counted the following nests: 1 Anhinga (but saw many more birds), 1 Great Egret (but saw many more birds), 1 Snowy Egret, ~1,000 Little Blue Heron, ~1,000 Cattle Egret, and 86 White Ibis. A Tricolored Heron was also sighted in the Rookery but we were unable to locate a nest. The complete list is located in the bird records at the end of the newsletter.

BIRD QUIZ #44

WHO SAYS BIRDING ISN'T A SPORT?

Below are several athletes whose given name or nickname is somehow avian. In which sport do they or did they excel?

1. "Meadowlark" Lemon
2. Michael "The Albatross" Gross
3. Paul Crane
4. Joe Falcon
5. Ken "The Hawk" Harrelson
6. Joey Jay
7. Junior Wren
8. Larry Finch
9. Eddie "The Eagle" Edwards
10. Mark "The Bird" Fidrych

BOARD MEETING

The next board meeting will be held on Tuesday, 3 September 1996. We will meet at 7:00 pm in the Museum of Life Sciences. This meeting is not only for board members but also for committee members.

Publicity Chairperson

Betsy Reisinger is moving from Shreveport for a year and has to give up her duties as publicity chairperson. If you are willing to take over her duties please call Jim Ingold or Mac Hardy.

We also still need someone to chair the fund raising committee as well as volunteers to help with the birding hot spots, the newsletter, and entering bird records on the computer.

HAVE YOU SEEN THESE BIRDS In or near Caddo Lake, LA-TX?

Dorothy Metzler is looking for records of the following birds species from the Caddo Lake area, either on the Louisiana or Texas side. She is compiling a checklist. If you have old or new records please give them to Jim Ingold so that he may pass them on to her.

Species with few records:

Eared Grebe, Neotropic Cormorant, Tricolored Heron, Greater White-fronted Goose, Canada Goose, Northern Pintail, Redhead, Greater Scaup, Hooded Merganser, Ferruginous Hawk, Wild Turkey, King Rail, Virginia Rail, Purple Gallinule, Common Moorhen, Black-bellied Plover, American Avocet, Greater Yellowlegs, Lesser Yellowlegs, Willet, Semipalmated Sandpiper, Western Sandpiper, Least Sandpiper, Pectoral Sandpiper, Long-billed Dowitcher, Herring Gull, Black Tern, Common Ground-Dove, Black-billed Cuckoo, Great Horned Owl, Whip-poor-will, Olive-sided Flycatcher, Yellow-bellied

Flycatcher, Willow Flycatcher, Least Flycatcher, Ash-throated Flycatcher, Bank Swallow, Cliff Swallow, Marsh Wren, Swainson's Thrush, American Pipit, Warbling Vireo, Philadelphia Vireo, Magnolia Warbler, Cape-may Warbler, Blackburnian Warbler, Bay-breasted Warbler, Blackpoll Warbler, Worm-eating Warbler, Northern Waterthrush, Wilson's Warbler, Rose-breasted Grosbeak, Spotted (was the western form of the Rufous-sided) Towhee, Vesper Sparrow, Lark Sparrow, Yellow-headed Blackbird, Rusty Blackbird, Brewer's Blackbird, and Pine Siskin .

Species with no records, but we might expect to see in or near Caddo Lake:

American Bittern, Least Bittern, Snow Goose, Sora, Franklin's Gull, Bewick's Wren, and Chestnut-sided Warbler.

Birds not on Dorothy's list but based on the BSG list might be present in the Caddo Lake area:

White-faced Ibis, Roseate Spoonbill, Black-bellied Whistling Duck, Ross' Goose, American Black Duck, Cinnamon Teal, Oldsquaw, any of the scoters, Common Merganser, Swallow-tailed Kite, Swainson's Hawk, Rough-legged Hawk, Merlin, Peregrine Falcon, Black Rail, Yellow Rail, Sandhill Crane, American Golden-Plover, Semipalmated Plover, Piping Plover, Black-necked Stilt, sandpipers: Upland, White-rumped, Stilt, and Buff-breasted; Caspian Tern, Common Tern, White-winged Dove, Barn Owl, Burrowing Owl, Long-eared Owl, Short-eared Owl, Red-cockaded Woodpecker, Say's Phoebe, Vermilion Flycatcher, Western Kingbird, Horned Lark, Veery, Gray-cheeked Thrush, Bell's Vireo, warblers: Blue-winged, Golden-winged, Cerulean, Connecticut, Mourning, Canada; Scarlet Tanager, Western Tanager, Black-headed Grosbeak, sparrows: Bachman's, Grasshopper, Henslow's, Sharp-tailed, Harris'; all longspurs, Bobolink, Western Meadowlark, Great-tailed Grackle, Evening Grosbeak.

Is Your BSG Membership Current?

Proposal for Landbird Migration Monitoring in the southeastern United States

The following information was forwarded to the Bird Study Group by Mr. Bill Vermillion. We will discuss it at the September meeting.

Dr. Greg Butcher, the Executive Director of the American Birding Association, has proposed an approach to gain a better understanding of bird migration using the Checklist approach of Erica Dunn, whereby observers simply walk a standard route and keep total numbers of individuals for each species observed (seen and heard). The Southeast Partners in Flight Working Group proposes to test a data sheet to standardize migration counts across the region by encouraging interested individuals, bird clubs (including Audubon Society chapters), and land managers to adopt their favorite birding areas and organize coverage of standard routes at least once a week during migration. We are emphasizing counting landbirds for this test from 20 March to 1 June during Spring and 15 July to 1 November during Fall.

Migration data already exists from the hard work undertaken by researchers and bird-banders across the Southeast and by folks contributing to the Annual North American Migration Count. Researchers and bird-banding stations provide data for many individuals of many species, but only a very few locations are now covered in the Southeast at any one time, and most of these are coastal. The Annual North American Migration Count is a popular one day event, coinciding with important International Migratory Bird Day festivities, but most migrants have passed through the Southeast by the mandated date in mid May, not allowing for a good understanding of migration patterns in this region.

The proposal here is to not replace these activities, but to add to them by both expanding the area coverage and time of coverage. We encourage selection of sites throughout the Southeast Region. Coverage of sites along western riparian areas, grasslands, and suburban woodlands, are just as important as coastal sites

and Appalachian mountain and other woodlands of the Southeastern interior. By adopting your favorite birding site, YOU can greatly assist in developing a regional, and ultimately a national, source of data to address the following migratory bird conservation needs:

I. Gaining a better picture of migration (both extent and duration) across the Southeast.

(A) What is the relative abundance of each species during spring and fall migrations?

(B) What is the relative abundance of each species from one year/season to the next?

(C) What is the relative abundance of each species, or group of species, to another species, or group of species, among years?

(D) What are the long-term population trends for each species, groups of species, and all migrants?

II. Identifying important areas (IBA's) supporting consistently large numbers of migrants within the Southeast.

(A) What is the relative abundance of each species, group of species, and all species from one place to another across years/seasons?

Ultimately, data will be compiled and reported in tables and maps and information derived from these counts reported in a timely way to contributors and the public (perhaps in a format similar to that used in the Breeding Bird Survey Newsletter). For now, however, we ask that you just have fun birding, keep track of the numbers for each species you observe, and let us know how observer friendly the attached data sheet is for your use. [See Jim Ingold or Mac Hardy for copies of the data sheet.]

Roger Tory Peterson

Roger Tory Peterson, the dean of birdwatching, passed away on Sunday, 28 July 1996, at his home in Old Lyme, Connecticut at the age of 87. Peterson wrote the first "field guide" to birds in 1934 and he considered himself "to have been the bridge between the shotgun and binoculars in birdwatching." Although we all may have

our favorite field guide, Peterson's was the 1st!

LEAST TERNS ON RED RIVER -- CHRONOLOGY, 1996

6 July. -- Wellborn Jack, Jr. and others saw a large group of **Least Terns** defending nests on Red River at Loggy Bayou.

7 July. -- Hubert Hervey checked this report, counted 60 adults.

8 July. -- Hubert Hervey made a video of the site which had 14 nests containing 28 eggs. Then he contacted Steve Shively of Louisiana Fish and Wildlife Department, Natural Heritage Division about the need to protect the site. Signs were later erected.

14 July. -- Mac Hardy and Hubert Hervey boated from LA Hwy. 2 bridge to Shreveport. Counted 86 terns in four colonies.

16 July. -- Hubert Hervey checked for terns at a historic site 2 miles north of Boyce. No evidence of terns was found.

19 July. -- Hubert Hervey checked the Loggy Bayou colony, found 16 adults and 2 young chicks; most of the nests had been flooded. Video made.

24 July. -- Hubert Hervey and Scott Roper boated from Doddridge, AR to LA 2 bridge. Found 2 colonies in LA, 33 adults, 8 fledglings, plus 7 adults in AR.

29 July. -- Hubert Hervey boated from Shreveport to the Port of Caddo and Bossier. Found no sandbars and no terns.

7 Aug. -- Hubert Hervey and Scott Roper boated from Loggy Bayou to Coushatta. Found 9 terns including 4 fledged young.

12 Aug. -- Hubert Hervey and Mac Hardy boated from Doddridge to Shreveport. Found 1 fledgling being fed by 2 adults.

LEAST TERNS Nesting in NW Louisiana

by Hubert Hervey

As you can see by the list above, studying **Least Terns** occupied the major part of my summer. My retirement from the confining business of dairy farming has made it possible for me to devote ample hours to the really important matters: such life and death subjects as the survival of endangered species. The interior race of **Least Terns** is listed as endangered. As you read the rest of this article you will come to understand why the future for this race is not bright.

The fact that **Least Terns** nest along the Red River in northwestern Louisiana came as a surprise to many people, myself included. They nest on sandbars that are located on the inside curve of bends in the river. These sharp bends have been eliminated, for the most part, by straightening the river for barge traffic.

Rains in Oklahoma, Texas and Arkansas sent high waters down the Red River three times during the 1996 nesting season. These were not floods, merely rises of 5 to 8 feet in the water level. Since the sandbars that the terns chose to nest on were only 2 to 5 feet above water level, many tern nests were wiped out.

The nest is only a scrape in the sand or gravel. The birds start making this nest as soon as the water level has receded. Two or three eggs are laid and incubated for three weeks. It takes nearly another 3 weeks for the young birds to fly. So the terns have a need for 7 weeks without high waters. The fluffy, newly hatched chicks are precocious. They can walk and swim when only a day old, but the Red River has a strong current and I'm sure many were swept away this year. Under these conditions, I have seen over a dozen soft-shelled turtles waiting for the next egg or chick to be washed away by the rising waters. These conditions led to the total population of 188 terns raising only 13 chicks to fledge from the 7 colonies I located and observed. Those are numbers that would indicate the loss of the race in a short time.

The famous frontiersman, Jim Bowie, had the knife which carries his name made for him by a blacksmith in Old Washington, Arkansas. This forge still exist today and is put to use each spring making Bowie knives for sale to tourists attending the annual festival there. This place is just a few minutes from where the Red River turns toward Texas. Jim Bowie probably crossed the Red River on a ferry near Hervey, Arkansas. He perished in the Battle of the Alamo using his two-edged dagger to the last, I imagine. The comparison I want to make is that under today's conditions, terns nesting on the Red River face a problem like a two-edged knife slashing into their efforts.

First, the sandbars are going, going, gone. If the proposed project for building dams all the way to Texarkana is accomplished, 6 of the 7 nesting sites will likely go underwater. A sandbar is a fragile, moving, changing object. It needs water flowing over it to scour the vegetation from its surface and to deposit sand upon its surface. These deposits must come as a result of the fast flowing action of waters transporting materials in suspension to points downstream. Today's sandbar is not where yesterday's was and tomorrow's will be somewhere else. By stabilizing the river, the source of the sediment is mostly removed and this dooms the sandbar habitat.

Second, as long as rain falls, it will make its way to the ocean. In this case faster is not better. The removal of each river bend makes the trip for a splashing raindrop to the ocean take less time. The shorter time it takes, the more water has to be transported within a given time by the river. Even though flooding of homes and crop lands outside the levee may be avoided, areas inside the levee are under greater pressure. The area inside can only hold a certain amount of water and when a goodly portion of that area is already holding water backed up by dams, then even less water can be contained between levees when excess rain falls. Also the sediments carried by the flowing river are deposited on the river bottom as the current slows due to reaching pool stage of the dam. So even less space is available for excess water storage. We can't change any of this so the **Least Tern's** nesting efforts will continue to fail during most years.

I do not blame anyone for what is happening. Instead I had rather put forth a call to innovative thinkers for ideas that would help the terns while there are still terns to help.

Could sand and gravel be dredged up from the river bottom and placed on the sandbars, raising them above the river's high level? Some maintenance might be needed to control vegetation. Gravel may be desired as the surface layer. I have seen Least Terns nesting on parking lots at Grand Isle, Louisiana. Why not on man-made sandbars on Red River?

Could barges no longer in use be brought up the river by the Corps of Engineers as it brings in rock for revetment work and anchored for the terns to use? A layer of sand and gravel could be placed on top, ladder rungs could be removed to discourage vandals, and the barges could float above flood waters. This could be done downstream from our area where the sandbars are inundated. We need to discover what will work.

The designers of any future Red River alterations should be required to consider these birds at the start of their planning. It could be a huge success story that they could point to with pride. I would compare this situation to the dams built on salmon rivers which block the salmon's trip upriver to their spawning areas. Fish ladders, artificial spawning areas and transportation of young fish downstream around the dams all were required to insure the future of these fish. Great expenses were incurred because of man's rush to subdue the environment. We can avoid a similar mistake with innovative thinking, planning and positive action!

I close with a few thoughts quoted from experts.

"Large scale tampering with the natural work of a river almost always produces unexpected or unwanted consequences." Lawrence Pringle, noted Hydrologist.

"One should instigate those changes closest to the natural ones and seek to disturb the river's equilibrium as little as possible." Kenneth J. Gregory, eminent English Geographer.

"When man-made channels fail as in the

occasion of large magnitude floods, results are often more disastrous than they might have been had not the channel been altered in the first place. Modern man's culture has severed his thinking, mode of living and activities from the natural environment. This aloofness from the environment is mainly a result of such features of his culture as religion, science, technology, politics and economics. Man should consider the natural environment of the river and modify his activities to make the rivers and their flood plains suitable for all of man's activities." Oglesby, Carlson and McCann - "River Ecology and Man."

"Experience shows that most mistakes can be patched up eventually without public reaction and at a cost that is far less than the project's benefits. Engineers and ecologists live in separate worlds. The enormity of this is being realized and one good reaction is the establishment of schools of environmental engineering and federally funded water resources centers at universities."

"As an engineer, I must emphasize that the various forms of life in a river are purely incidental, compared with the main task of the river, to conduct the water run-off from an area to the sea. All other activities are only permitted as long as they do not interfere with the main purpose." H. A. Einstein, dam engineer.

ANSWERS TO BIRD QUIZ

1. "Meadowlark" Lemon - Basketball
2. Michael "The Albatross" Gross - Swimming
3. Paul Crane - Football
4. Joe Falcon - Track and Field
5. Ken "The Hawk" Harrelson - Baseball
6. Joey Jay - Baseball
7. Junior Wren - Football
8. Larry Finch - Basketball
9. Eddie "The Eagle" Edwards - Downhill Skiing
10. Mark "The Bird" Fidrych - Baseball

BIRD NOTES -- JUNE-AUGUST

Compiled August 27, 1996

Report bird records for the Newsletter to Bobbe Wommack (686-0369) or to Will Smolenski (865-2938) by the 15th of each month. Only records not printed since the last Newsletter are published.

Following each species is a line of data in the following format: date, initials of observer, number of birds observed; initials of another observer, number of birds observed, etc. For example: 15 PD 3 means that on the fifteenth PD saw 3 birds. For the number of birds observed, a one is used both for one specimen or for numbers not reported by the observer. All bird records reported here are the responsibility of the observer. The Bird Study Group is reporting observations on the word of the observers.

REPORTERS

Abbrev	Name	Dates and Places
BSG	Bird Study Group	06/15/96 Barksdale Air Force Base.
DR	Dick Rolandt	06/11/96 Jimmy Davis Bridge, West side; 07/06/96 Shreveport: Bickham-Dickson Park.; 07/12/96 Shreveport: Bickham-Dickson Park.; 07/28/96 Shreveport: Highland Hospital -- Bayou Pierre area.
H&PH	Hubert & Pat Hervey	08/09/96 Sibley Lake at LA 504 (north end).; 08/09/96 I-49 barrow pits (49 mi. S Bert Kouns).; 08/09/96 1 mi. E Powhatan exit on I-49.
HH	Hubert Hervey	05/28/96 Holly Quad, Frierson, Gravel Pt. Rd, Friendship Church Rd.; 05/29/96 Elm Grove Quad, W. of RR, Cannisnia Lake Basin & Gayle to Caspiana; 05/30/96 Keatchie Quad; 06/07/96 Stonewall Frierson Rd. at Linwood Rd.; 06/20/96 Clear Lake; 06/21/96 Sec24T23NR12W, 1 mi. W. Bodcau Bayou WMA; 1mi. S Hwy 157; 06/23/96 Powhatan; La 1 N. to Timon; 06/23/96 Natchitoches Fish Hatchery; 07/02/96 Soda Lake WMA; 07/06/96 Clear Lake (Upper end); 07/07/96 Lock and Dam No. 5, Red River; 07/09/96 6 mi. S Frierson, Bates Rd.; 07/10/96 Elmo Craw Rd., Holly Quad.; 07/11/96 Barksdale Air Force Base.; 07/11/96 Jackson-Bienville WMA.; 07/11/96 Red River at Loggy Bayou; 07/12/96 Snyder Farm, Elm Grove.; 07/18/96 I-49 barrow pits, 49 mi. S Bert Kouns; 07/19/96 Black Lake, north end.; 07/19/96 Loggy Bayou at Red River.; 07/21/96 6 mi. S Frierson, Bates Rd.; 07/21/96 Stonewall Farm; 07/26/96 Hervey Farm.; 07/27/96 Oak Ridge SRA/N. Toledo Bend St. Park.; 08/01/96 Wardview (NW Bossier Par.) [nesting]; 08/02/96 1 mi. E Powhatan exit on I-49.; 08/02/96 Sibley Lake, north end.
HH BSG	Hubert Hervey BSG	05/25/96 Bayou Pierre Lake Quad-Smithport Lake
HH LR	Hubert Hervey, Larry Raymond	06/30/96 Keatchie Quad-CDC S1/2-Spring Branch; 06/30/96 Keatchie Quad-CDC S1/2-Spring Branch
HH&MH	Hubert Hervey and Mac Hardy	07/14/96 Red River from LA hwy. bridge to Shreveport.; 08/12/96 Red River: Arkansas to Shreveport.
HH&SR	Hubert Hervey & Scott Roper	08/07/96 Red River from Loggy Bayou to Coushatta; 08/07/96 1 mi. E Powhatan exit from I-49.
HH,LR,AC,CH	BSG:Hubert Hervey, Larry Raymond, Alan C., Ch.H	06/22/96 Black Lake (upper end) Campti Quad; 06/22/96 Grand Bayou Reservoir; Martin & Fairview Alpha Quad
RS	Rosemary Seidler	07/08/96 I-49 ponds (between mile 140-154).; 08/11/96 LA hwy. 169 & west end S. Lakeshore Dr.
RS&VL	Rosemary Seidler and Vicki LeFevers	07/10/96 Bryceland Quad, Penal Farms Rd.
Abbrev	Name	Dates and Places

RECORDS

Common Name	Data
Pied-billed Grebe	06/20/96 HH 1; 06/22/96 HH,LR,AC,CH 5; 06/23/96 HH 1; 07/06/96 HH 1
Double-crested Cormorant	06/20/96 HH 1; 06/22/96 HH,LR,AC,CH 1; 07/12/96 HH 1
Anhinga	05/25/96 HH BSG 4; 05/29/96 HH 2; 06/15/96 BSG 10; 06/20/96 HH 4; 06/22/96 HH,LR,AC,CH 1; 06/23/96 HH 6; 06/23/96 HH 3; 07/08/96 RS 3; 07/11/96 HH 12; 07/19/96 HH 1; 07/19/96 HH 3; 08/01/96 HH 6
Great Blue Heron	05/25/96 HH BSG 3; 05/29/96 HH 2; 05/30/96 HH 1; 06/15/96 BSG 1; 06/20/96 HH 7; 06/22/96 HH,LR,AC,CH 2; 06/22/96 HH,LR,AC,CH 3; 06/23/96 HH 4; 06/23/96 HH 1; 06/23/96 HH 6; 06/30/96 HH&LR 1; 07/02/96 HH 1; 07/06/96 DR 1; 07/06/96 HH 4; 07/08/96 RS 5; 07/12/96 DR 2; 07/14/96 HH&MH

Common Name	Data
Great Egret	8; 07/19/96 HH 2; 07/27/96 HH 1; 08/01/96 HH 2; 08/07/96 HH&SR 4; 08/09/96 H&PH 1; 08/09/96 H&PH 1; 08/09/96 H&PH 3; 08/11/96 RS 2; 08/12/96 HH&MH 27 05/25/96 HH BSG 5; 05/28/96 HH 2; 05/29/96 HH 3; 06/15/96 BSG 21; 06/20/96 HH 11; 06/22/96 HH,LR,AC,CH 5; 06/23/96 HH 22; 06/23/96 HH 3; 06/23/96 HH 18; 07/02/96 HH 4; 07/06/96 HH 8; 07/08/96 RS 101; 07/10/96 RS&VL 1; 07/11/96 HH 8; 07/12/96 DR 4; 07/14/96 HH&MH 7; 07/19/96 HH 2; 07/25/96 HH 2; 07/27/96 HH 8; 07/28/96 DR 1; 08/01/96 HH 4; 08/02/96 HH 3; 08/02/96 HH 10; 08/07/96 HH&SR 9; 08/07/96 HH&SR 6; 08/09/96 H&PH 8; 08/09/96 H&PH 51; 08/11/96 RS 2; 08/12/96 HH&MH 54 05/29/96 HH 5; 06/15/96 BSG 34; 06/20/96 HH 40; 06/22/96 HH,LR,AC,CH 7; 06/23/96 HH 40; 06/23/96 HH 5; 06/23/96 HH 12; 07/02/96 HH 1; 07/06/96 HH 60; 07/08/96 RS 16; 07/11/96 HH 2; 07/14/96 HH&MH 50; 07/19/96 HH 4; 07/25/96 HH 51; 07/28/96 DR 7; 08/01/96 HH 75; 08/02/96 HH 29; 08/02/96 HH 4; 08/07/96 HH&SR 12; 08/07/96 HH&SR 8; 08/09/96 H&PH 1; 08/09/96 H&PH 2; 08/09/96 H&PH 5; 08/12/96 HH&MH 61
Snowy Egret	05/25/96 HH BSG 25; 05/29/96 HH 9; 06/15/96 BSG 2025; 06/20/96 HH 150; 06/22/96 HH,LR,AC,CH 6; 06/22/96 HH,LR,AC,CH 8; 06/23/96 HH 2; 06/23/96 HH 40; 06/23/96 HH 50; 07/02/96 HH 30; 07/06/96 HH 60; 07/06/96 DR 1; 07/08/96 RS 3; 07/11/96 HH 300; 07/12/96 DR 1; 07/14/96 HH&MH 12; 07/25/96 HH 34; 07/27/96 HH 1; 08/01/96 HH 4; 08/02/96 HH 42; 08/02/96 HH 6; 08/07/96 HH&SR 3; 08/07/96 HH&SR 15; 08/09/96 H&PH 12; 08/09/96 H&PH 25; 08/11/96 RS 1; 08/12/96 HH&MH 4
Little Blue Heron	06/15/96 BSG 1; 06/23/96 HH 1; 06/23/96 HH 1; 07/11/96 HH 1; 08/09/96 H&PH 1 05/28/96 HH 50; 05/29/96 HH 75; 05/30/96 HH 45; 06/15/96 BSG 2002; 06/20/96 HH 60; 06/22/96 HH,LR,AC,CH 6; 06/22/96 HH,LR,AC,CH 14; 06/23/96 HH 125; 06/23/96 HH 25; 06/23/96 HH 80; 07/02/96 HH 14; 07/06/96 HH 20; 07/08/96 RS 101; 07/11/96 HH 1000; 07/12/96 DR 25; 07/14/96 HH&MH 30; 07/19/96 HH 20; 07/25/96 HH 46; 08/01/96 HH 800; 08/02/96 HH 10; 08/07/96 HH&SR 30; 08/07/96 HH&SR 30; 08/09/96 H&PH 10; 08/09/96 H&PH 25; 08/12/96 HH&MH 31
Tricolored Heron	05/25/96 HH BSG 1; 05/28/96 HH 3; 05/29/96 HH 4; 06/15/96 BSG 1; 06/20/96 HH 5; 06/22/96 HH,LR,AC,CH 2; 06/22/96 HH,LR,AC,CH 1; 06/23/96 HH 8; 06/30/96 HH&LR 3; 07/02/96 HH 1; 07/06/96 HH 2; 07/11/96 HH 2; 08/01/96 HH 2; 08/02/96 HH 1; 08/09/96 H&PH 1; 08/11/96 RS 1
Cattle Egret	05/25/96 HH BSG 4; 06/20/96 HH 5; 07/06/96 HH 2; 07/11/96 HH 1 05/25/96 HH BSG 2; 06/20/96 HH 8; 06/22/96 HH,LR,AC,CH 2; 06/23/96 HH 2; 06/23/96 HH 8; 07/02/96 HH 12; 07/06/96 HH 4; 07/08/96 RS 2; 07/11/96 HH 1
Green Heron	06/15/96 BSG 172; 06/20/96 HH 45; 06/22/96 HH,LR,AC,CH 8; 06/22/96 HH,LR,AC,CH 4; 06/23/96 HH 1; 06/23/96 HH 135; 06/23/96 HH 135; 07/06/96 DR 1; 07/06/96 HH 40; 07/08/96 RS 2; 07/11/96 HH 250; 07/12/96 DR 1; 07/14/96 HH&MH 1; 07/25/96 HH 4; 08/01/96 HH 150; 08/02/96 HH 42; 08/07/96 HH&SR 20; 08/09/96 H&PH 40
Black-crowned Night-Heron	07/25/96 HH 1; 08/02/96 HH 6; 08/09/96 H&PH 10
Yellow-crowned Night-Heron	05/29/96 HH 2; 05/30/96 HH 8; 06/20/96 HH 22; 06/22/96 HH,LR,AC,CH 8; 07/06/96 HH 5; 06/23/96 HH 5; 06/23/96 HH 7; 07/02/96 HH 6; 07/06/96 HH 14; 08/01/96 HH 1; 08/11/96 RS 1
White Ibis	06/23/96 HH 30 05/28/96 HH 6
Roseate Spoonbill	05/25/96 HH BSG 1; 05/28/96 HH 8; 05/29/96 HH 8; 05/30/96 HH 6; 06/20/96 HH 6; 06/22/96 HH,LR,AC,CH 4; 06/23/96 HH 6; 06/23/96 HH 6; 06/30/96 HH&LR 3; 07/06/96 HH 6; 07/08/96 RS 2; 07/19/96 HH 2; 07/25/96 HH 1; 08/07/96 HH&SR 3; 08/12/96 HH&MH 4
Wood Duck	05/25/96 HH BSG 4; 05/28/96 HH 4; 05/29/96 HH 12; 05/30/96 HH 15; 06/20/96 HH 5; 06/22/96 HH,LR,AC,CH 5; 06/23/96 HH 5; 06/23/96 HH 10; 06/30/96 HH&LR 4; 07/06/96 HH 2; 07/08/96 RS 7; 07/09/96 HH 4; 07/10/96 RS&VL 1; 07/12/96 DR 1; 07/19/96 HH 2; 07/25/96 HH 2; 07/27/96 HH 1; 08/07/96 HH&SR 5; 08/09/96 H&PH 2; 08/09/96 H&PH 5; 08/12/96 HH&MH 4
Mallard	06/22/96 HH,LR,AC,CH 2; 07/07/96 HH 1; 07/19/96 HH 1; 08/07/96 HH&SR 1
Hooded Merganser	05/25/96 HH BSG 2; 05/29/96 HH 2; 06/22/96 HH,LR,AC,CH 1; 06/23/96 HH 2; 07/11/96 HH 1; 07/14/96 HH&MH 2; 08/11/96 RS 1; 08/12/96 HH&MH 1
Black Vulture	08/12/96 HH&MH 3
Turkey Vulture	05/25/96 HH BSG 2; 05/29/96 HH 3; 05/30/96 HH 2; 06/20/96 HH 2; 06/30/96 HH&LR 1; 08/07/96 HH&SR 1; 08/11/96 RS 3; 08/12/96 HH&MH 2
Osprey	06/07/96 HH 2; 06/22/96 HH,LR,AC,CH 1
Mississippi Kite	05/25/96 HH BSG 1; 05/29/96 HH 2; 05/30/96 HH 2; 06/20/96 HH 1; 06/23/96 HH 2; 06/23/96 HH 2; 06/30/96 HH&LR 1; 07/06/96 HH 1; 07/08/96 RS 2; 07/14/96 HH&MH 4; 07/21/96 HH 1; 08/11/96 RS 1 07/11/96 HH 5
Cooper's Hawk	05/29/96 HH 4; 05/30/96 HH 4; 06/23/96 HH 5; 06/23/96 HH 8; 06/30/96 HH&LR 2; 06/30/96 HH&LR 3; 07/25/96 HH 1
Red-shouldered Hawk	05/28/96 HH 2; 06/20/96 HH 6; 07/06/96 HH 7; 07/08/96 RS 1
Broad-winged Hawk	05/28/96 HH 1; 06/20/96 HH 5; 06/23/96 HH 4; 07/06/96 HH 5
Red-tailed Hawk	05/28/96 HH 12; 05/29/96 HH 9; 06/15/96 BSG 1; 06/20/96 HH 2; 06/23/96 HH 8; 06/23/96 HH 10; 06/23/96 HH 7; 07/06/96 HH 2; 07/08/96 RS 42; 07/14/96 HH&MH 6; 07/25/96 HH 5; 07/28/96 DR 3; 08/07/96 HH&SR 2; 08/09/96 H&PH 16; 08/12/96 HH&MH 87 07/08/96 RS 1; 08/02/96 HH 22; 08/07/96 HH&SR 23
American Kestrel	08/02/96 HH 1
Northern Bobwhite	07/08/96 RS 16; 07/25/96 HH 1; 08/07/96 HH&SR 4; 08/09/96 H&PH 3; 08/09/96 H&PH 6 07/08/96 RS 3; 07/14/96 HH&MH 2; 07/25/96 HH 13; 08/07/96 HH&SR 8; 08/09/96 H&PH 18; 08/09/96 H&PH 3; 08/12/96 HH&MH 3
Common Moorhen	08/07/96 HH&SR 6; 08/09/96 H&PH 1; 08/09/96 H&PH 3
American Coot	07/19/96 HH 1; 08/07/96 HH&SR 1; 08/07/96 HH&SR 3; 08/09/96 H&PH 1; 08/12/96 HH&MH 16
Killdeer	
Black-necked Stilt	
American Avocet	
Greater Yellowlegs	
Lesser Yellowlegs	
Solitary Sandpiper	
Spotted Sandpiper	

Abbrev	Name	Dates and Places
	Western Sandpiper	08/12/96 HH&MH 1
	Least Sandpiper	07/08/96 RS 14; 07/14/96 HH&MH 12; 07/19/96 HH 1; 08/09/96 H&PH 4; 08/12/96 HH&MH 12
	Short-billed Dowitcher	07/08/96 RS 11; 07/14/96 HH&MH 4
	Common Snipe	08/07/96 HH&SR 4; 08/09/96 H&PH 2
	Herring Gull	08/12/96 HH&MH 1
	Forster's Tern	08/09/96 H&PH 8
	Least Tern	07/11/96 HH 60; 07/14/96 HH&MH 86; 07/19/96 HH 16; 08/07/96 HH&SR 9; 08/09/96 H&PH 1; 08/12/96 HH&MH 3
	Black Tern	07/18/96 HH 1; 07/25/96 HH 44; 08/07/96 HH&SR 1
	Rock Dove	05/29/96 HH 6; 06/11/96 DR 1; 06/15/96 BSG 4; 06/23/96 HH 2; 07/08/96 RS 9; 08/11/96 RS 26; 08/12/96 HH&MH 22
	Mourning Dove	05/28/96 HH 12; 05/29/96 HH 20; 05/30/96 HH 12; 06/15/96 BSG 1; 06/20/96 HH 6; 06/21/96 HH 2; 06/22/96 HH,LR,AC,CH 2; 06/22/96 HH,LR,AC,CH 2; 06/23/96 HH 40; 06/23/96 HH 24; 06/30/96 HH&LR 4; 07/06/96 HH 6; 07/08/96 RS 4; 07/11/96 HH 6; 07/11/96 HH 16; 07/12/96 HH 10; 07/12/96 DR 8; 07/14/96 HH&MH 4; 07/25/96 HH 54; 07/27/96 HH 4; 07/28/96 DR 72; 08/09/96 H&PH 6; 08/11/96 RS 15; 08/12/96 HH&MH 6
	Inca Dove	07/09/96 HH 2; 07/21/96 HH 2
	Yellow-billed Cuckoo	05/28/96 HH 9; 05/29/96 HH 11; 05/30/96 HH 6; 06/15/96 BSG 2; 06/22/96 HH,LR,AC,CH 2; 06/23/96 HH 7; 06/23/96 HH 3; 06/30/96 HH&LR 3; 06/30/96 HH&LR 5; 07/02/96 HH 3; 07/06/96 HH 4; 07/06/96 DR 2; 07/10/96 RS&VL 1; 07/11/96 HH 3; 07/11/96 HH 2; 07/12/96 DR 3; 07/14/96 HH&MH 1; 07/21/96 HH 1; 08/11/96 RS 1; 08/12/96 HH&MH 1
	Greater Roadrunner	05/25/96 HH BSG 1; 05/30/96 HH 2; 07/08/96 RS 1
	Barn Owl	06/23/96 HH 1; 06/23/96 HH 1
	Eastern Screech-Owl	05/29/96 HH 1; 07/10/96 HH 1
	Great Horned Owl	05/29/96 HH 1
	Barred Owl	05/28/96 HH 2; 05/29/96 HH 3; 05/30/96 HH 2; 06/15/96 BSG 1; 06/20/96 HH 2; 07/06/96 HH 2; 07/11/96 HH 1; 07/11/96 HH 2; 08/11/96 RS 3
	Chimney Swift	05/25/96 HH BSG 4; 05/28/96 HH 4; 05/29/96 HH 9; 05/30/96 HH 12; 06/20/96 HH 6; 06/23/96 HH 8; 06/23/96 HH 4; 06/23/96 HH 9; 06/30/96 HH&LR 2; 07/06/96 DR 7; 07/11/96 HH 6; 07/26/96 HH 10; 08/11/96 RS 2
	Ruby-throated Hummingbird	05/28/96 HH 2; 05/29/96 HH 2; 05/30/96 HH 2; 06/15/96 BSG 1; 06/20/96 HH 1; 06/22/96 HH,LR,AC,CH 1; 06/30/96 HH&LR 2; 07/02/96 HH 1; 08/11/96 RS 1
	Belted Kingfisher	05/28/96 HH 2; 05/29/96 HH 3; 06/15/96 BSG 1; 06/20/96 HH 2; 06/23/96 HH 2; 07/06/96 HH 3; 07/14/96 HH&MH 2; 07/19/96 HH 1; 07/27/96 HH 1; 07/28/96 DR 1; 08/07/96 HH&SR 1; 08/12/96 HH&MH 1
	Red-headed Woodpecker	05/28/96 HH 2; 06/20/96 HH 2; 07/10/96 HH 1; 07/11/96 HH 3; 07/12/96 HH 2; 07/27/96 HH 1
	Red-bellied Woodpecker	05/28/96 HH 7; 05/29/96 HH 12; 05/30/96 HH 9; 06/15/96 BSG 1; 06/20/96 HH 5; 06/22/96 HH,LR,AC,CH 3; 06/23/96 HH 6; 06/23/96 HH 7; 06/30/96 HH&LR 5; 06/30/96 HH&LR 4; 07/06/96 HH 3; 07/06/96 DR 2; 07/08/96 RS 3; 07/11/96 HH 2; 07/11/96 HH 2; 07/12/96 HH 4; 07/12/96 DR 3; 07/14/96 HH&MH 1; 08/11/96 RS 2; 08/12/96 HH&MH 1
	Downy Woodpecker	05/28/96 HH 1; 05/29/96 HH 3; 05/30/96 HH 1; 06/20/96 HH 2; 06/22/96 HH,LR,AC,CH 1; 06/23/96 HH 2; 06/23/96 HH 4; 07/08/96 RS 1; 07/10/96 RS&VL 1; 07/10/96 HH 1; 08/07/96 HH&SR 1; 08/11/96 RS 1
	Hairy Woodpecker	05/25/96 HH BSG 2; 05/28/96 HH 2; 05/29/96 HH 4; 06/20/96 HH 2; 06/23/96 HH 2; 06/23/96 HH 1; 06/30/96 HH&LR 1
	Red-cockaded Woodpecker	06/21/96 HH 1
	Northern Flicker	05/28/96 HH 2; 06/15/96 BSG 1; 07/10/96 RS&VL 1; 07/12/96 HH 1
	Pileated Woodpecker	05/25/96 HH BSG 3; 05/28/96 HH 3; 05/29/96 HH 2; 05/30/96 HH 2; 06/20/96 HH 1; 06/30/96 HH&LR 1; 07/11/96 HH 1; 08/07/96 HH&SR 1; 08/11/96 RS 2
	Eastern Wood-Pewee	05/28/96 HH 3; 05/29/96 HH 6; 05/30/96 HH 3; 06/15/96 BSG 1; 06/21/96 HH 1; 06/30/96 HH&LR 2; 06/30/96 HH&LR 2; 07/27/96 HH 2; 08/11/96 RS 1
	Acadian Flycatcher	05/28/96 HH 4; 05/29/96 HH 5; 05/30/96 HH 7; 06/22/96 HH,LR,AC,CH 2; 06/30/96 HH&LR 2
	Eastern Phoebe	05/28/96 HH 3; 05/30/96 HH 4; 06/15/96 BSG 1; 07/06/96 DR 2; 07/12/96 DR 1
	Great Crested Flycatcher	05/28/96 HH 5; 05/29/96 HH 5; 05/30/96 HH 2; 06/15/96 BSG 2; 06/20/96 HH 3; 06/23/96 HH 2; 06/23/96 HH 3; 06/30/96 HH&LR 1; 07/10/96 RS&VL 1; 08/11/96 RS 1
	Eastern Kingbird	05/25/96 HH BSG 3; 05/28/96 HH 9; 05/29/96 HH 12; 05/30/96 HH 8; 06/15/96 BSG 2; 06/20/96 HH 6; 06/22/96 HH,LR,AC,CH 8; 06/23/96 HH 6; 06/23/96 HH 9; 07/06/96 HH 6; 07/10/96 RS&VL 1; 07/10/96 HH 2; 07/11/96 HH 2; 07/11/96 HH 4; 07/12/96 DR 5; 07/14/96 HH&MH 4; 07/19/96 HH 2; 07/25/96 HH 2; 07/27/96 HH 1; 08/01/96 HH 4; 08/07/96 HH&SR 6; 08/09/96 H&PH 2; 08/12/96 HH&MH 2
	Scissor-tailed Flycatcher	05/28/96 HH 2; 05/29/96 HH 4; 05/30/96 HH 10; 06/15/96 BSG 3; 06/20/96 HH 1; 06/30/96 HH&LR 1; 07/06/96 DR 1; 07/08/96 RS 2; 07/11/96 HH 2; 07/11/96 HH 2; 07/12/96 DR 4; 07/14/96 HH&MH 4; 07/25/96 HH 3; 07/27/96 HH 3; 08/01/96 HH 60; 08/07/96 HH&SR 1; 08/11/96 RS 3; 08/12/96 HH&MH 9
	Purple Martin	05/28/96 HH 18; 05/29/96 HH 12; 05/30/96 HH 18; 06/20/96 HH 12; 06/21/96 HH 3; 06/22/96 HH,LR,AC,CH 22; 06/22/96 HH,LR,AC,CH 8; 06/23/96 HH 100; 06/23/96 HH 45; 06/30/96 HH&LR 6; 07/02/96 HH 7; 07/06/96 HH 20; 07/06/96 DR 25; 07/08/96 RS 1; 07/10/96 RS&VL 1; 07/11/96 HH 12; 07/12/96 DR 7; 07/14/96 HH&MH 100; 07/19/96 HH 20; 07/27/96 HH 4; 08/01/96 HH 50; 08/07/96 HH&SR 22; 08/11/96 RS 18; 08/12/96 HH&MH 250
	Northern Rough-winged Swallow	05/29/96 HH 5; 06/22/96 HH,LR,AC,CH 2; 06/23/96 HH 6; 06/23/96 HH 6; 06/23/96 HH 4; 07/06/96 DR 14; 07/10/96 RS&VL 1; 07/12/96 DR 15; 07/14/96 HH&MH 4; 07/26/96 HH 132; 07/27/96 HH 12; 08/07/96 HH&SR 6; 08/09/96 H&PH 10; 08/09/96 H&PH 6; 08/12/96 HH&MH 5
	Bank Swallow	08/12/96 HH&MH 1

Common Name	Data
Cliff Swallow	05/29/96 HH 6; 06/11/96 DR 75; 06/22/96 HH,LR,AC,CH 4; 07/08/96 RS 1; 07/12/96 DR 1; 07/25/96 HH 3; 07/25/96 HH 8; 08/09/96 H&PH 50; 08/09/96 H&PH 1500; 08/12/96 HH&MH 1
Barn Swallow	05/28/96 HH 26; 05/29/96 HH 18; 05/30/96 HH 26; 06/11/96 DR 7; 06/15/96 BSG 4; 06/20/96 HH 60; 06/22/96 HH,LR,AC,CH 12; 06/22/96 HH,LR,AC,CH 6; 06/23/96 HH 35; 06/23/96 HH 15; 06/23/96 HH 30; 06/30/96 HH&LR 8; 07/02/96 HH 4; 07/06/96 HH 50; 07/06/96 DR 5; 07/08/96 RS 1; 07/11/96 HH 20; 07/11/96 HH 12; 07/12/96 DR 8; 07/14/96 HH&MH 60; 07/25/96 HH 20; 07/25/96 HH 46; 07/27/96 HH 6; 07/28/96 DR 35; 08/09/96 H&PH 20; 08/09/96 H&PH 20; 08/11/96 RS 4; 08/12/96 HH&MH 125
Blue Jay	05/28/96 HH 11; 05/29/96 HH 16; 05/30/96 HH 8; 06/15/96 BSG 1; 06/20/96 HH 9; 06/23/96 HH 7; 06/23/96 HH 9; 06/23/96 HH 4; 06/30/96 HH&LR 4; 07/06/96 DR 2; 07/10/96 HH 3; 07/10/96 RS&VL 1; 07/11/96 HH 4; 07/12/96 DR 2; 07/27/96 HH 6; 07/28/96 DR 2; 08/11/96 RS 7; 08/12/96 HH&MH 5
American Crow	05/28/96 HH 18; 05/29/96 HH 24; 05/30/96 HH 14; 06/15/96 BSG 7; 06/20/96 HH 10; 06/22/96 HH,LR,AC,CH 6; 06/22/96 HH,LR,AC,CH 6; 06/23/96 HH 18; 06/23/96 HH 15; 06/30/96 HH&LR 8; 07/02/96 HH 3; 07/06/96 HH 8; 07/08/96 RS 1; 07/10/96 RS&VL 1; 07/10/96 HH 8; 07/11/96 HH 8; 07/11/96 HH 15; 07/12/96 DR 1; 07/14/96 HH&MH 10; 08/07/96 HH&SR 12; 08/11/96 RS 11; 08/12/96 HH&MH 4
Fish Crow	05/25/96 HH BSG 9; 05/29/96 HH 9; 06/20/96 HH 25; 06/22/96 HH,LR,AC,CH 4; 06/22/96 HH,LR,AC,CH 2; 06/23/96 HH 12; 06/23/96 HH 11; 07/02/96 HH 6; 07/06/96 HH 25; 07/06/96 DR 1; 07/11/96 HH 2; 07/25/96 HH 3; 07/26/96 HH 10; 07/27/96 HH 12; 08/07/96 HH&SR 3; 08/11/96 RS 5; 08/12/96 HH&MH 50
Carolina Chickadee	05/28/96 HH 6; 05/29/96 HH 12; 06/15/96 BSG 3; 06/20/96 HH 5; 06/23/96 HH 7; 06/23/96 HH 6; 06/30/96 HH&LR 6; 06/30/96 HH&LR 4; 07/06/96 HH 4; 07/06/96 DR 1; 07/10/96 HH 6; 07/10/96 RS&VL 1; 07/11/96 HH 5; 07/11/96 HH 2; 07/12/96 DR 1; 08/11/96 RS 18
Tufted Titmouse	05/28/96 HH 10; 05/29/96 HH 12; 06/15/96 BSG 1; 06/20/96 HH 3; 06/23/96 HH 10; 06/23/96 HH 8; 06/30/96 HH&LR 5; 06/30/96 HH&LR 4; 07/06/96 HH 2; 07/06/96 DR 3; 07/10/96 RS&VL 1; 07/10/96 HH 2; 07/12/96 DR 5; 07/27/96 HH 2; 08/11/96 RS 10
Brown-headed Nuthatch	05/28/96 HH 2; 06/30/96 HH&LR 2; 06/30/96 HH&LR 1
Carolina Wren	05/28/96 HH 9; 05/29/96 HH 8; 05/30/96 HH 5; 06/20/96 HH 9; 06/22/96 HH,LR,AC,CH 4; 06/23/96 HH 9; 06/23/96 HH 4; 06/30/96 HH&LR 1; 06/30/96 HH&LR 4; 07/02/96 HH 2; 07/06/96 HH 2; 07/10/96 RS&VL 1; 07/10/96 HH 2; 07/11/96 HH 1; 07/14/96 HH&MH 1; 08/07/96 HH&SR 1; 08/11/96 RS 4; 08/12/96 HH&MH 2
Blue-gray Gnatcatcher	05/29/96 HH 2; 05/30/96 HH 2; 06/15/96 BSG 1; 06/20/96 HH 2; 06/30/96 HH&LR 2; 06/30/96 HH&LR 2; 07/10/96 RS&VL 1; 07/10/96 HH 2; 07/27/96 HH 1; 08/11/96 RS 21
Eastern Bluebird	05/29/96 HH 14; 05/30/96 HH 9; 06/20/96 HH 12; 06/23/96 HH 4; 06/23/96 HH 15; 06/30/96 HH&LR 6; 07/06/96 DR 3; 07/10/96 RS&VL 1; 07/10/96 HH 4; 07/11/96 HH 6; 07/12/96 DR 2; 07/21/96 HH 6; 07/27/96 HH 12; 08/11/96 RS 11
Wood Thrush	06/15/96 BSG 2; 06/30/96 HH&LR 3; 06/30/96 HH&LR 2
American Robin	05/28/96 HH 6; 05/30/96 HH 18; 06/15/96 BSG 15; 06/20/96 HH 4; 06/23/96 HH 4; 06/30/96 HH&LR 2; 07/06/96 DR 3; 07/11/96 HH 8; 07/12/96 DR 5
Northern Mockingbird	05/25/96 HH BSG 5; 05/28/96 HH 12; 05/29/96 HH 9; 05/30/96 HH 10; 06/20/96 HH 6; 06/22/96 HH,LR,AC,CH 4; 06/23/96 HH 2; 06/23/96 HH 7; 06/23/96 HH 10; 06/30/96 HH&LR 2; 07/08/96 RS 1; 07/12/96 DR 2; 07/12/96 HH 2; 07/14/96 HH&MH 3; 07/21/96 HH 1; 07/21/96 HH 2; 07/25/96 HH 2; 07/27/96 HH 2; 07/28/96 DR 2; 08/01/96 HH 2; 08/07/96 HH&SR 2; 08/11/96 RS 8; 08/12/96 HH&MH 2
Brown Thrasher	05/30/96 HH 4; 06/20/96 HH 2; 06/22/96 HH,LR,AC,CH 2; 07/10/96 RS&VL 1; 07/21/96 HH 2
Loggerhead Shrike	05/28/96 HH 5; 05/29/96 HH 8; 05/30/96 HH 6; 06/15/96 BSG 1; 06/23/96 HH 7; 06/23/96 HH 5; 06/23/96 HH 4; 08/01/96 HH 4; 08/11/96 RS 1
European Starling	05/29/96 HH 12; 05/30/96 HH 12; 06/15/96 BSG 6; 06/20/96 HH 4; 06/23/96 HH 22; 07/08/96 RS 1; 07/11/96 HH 10; 07/28/96 DR 5; 08/11/96 RS 4
White-eyed Vireo	05/25/96 HH BSG 8; 05/28/96 HH 8; 05/29/96 HH 16; 05/30/96 HH 17; 06/15/96 BSG 1; 06/20/96 HH 6; 06/21/96 HH 2; 06/23/96 HH 5; 06/23/96 HH 12; 06/30/96 HH&LR 3; 06/30/96 HH&LR 7; 07/02/96 HH 3; 07/06/96 HH 2; 07/10/96 HH 4; 07/10/96 RS&VL 1; 07/11/96 HH 1; 07/21/96 HH 2; 07/27/96 HH 1; 08/11/96 RS 9
Yellow-throated Vireo	05/25/96 HH BSG 7; 05/28/96 HH 3; 05/30/96 HH 5; 06/20/96 HH 2; 08/11/96 RS 1
Red-eyed Vireo	05/28/96 HH 14; 05/29/96 HH 14; 05/30/96 HH 8; 06/20/96 HH 5; 06/21/96 HH 1; 06/30/96 HH LR 8; 06/30/96 HH&LR 4; 06/30/96 HH&LR 8; 07/02/96 HH 2; 07/10/96 HH 1; 07/10/96 RS&VL 1; 07/11/96 HH 2; 07/27/96 HH 2; 08/07/96 HH&SR 1; 08/11/96 RS 7
Northern Parula	05/25/96 HH BSG 8; 05/29/96 HH 4; 06/20/96 HH 10; 06/22/96 HH,LR,AC,CH 6; 08/11/96 RS 1
Yellow-rumped Warbler	05/30/96 HH 5
Yellow-throated Warbler	05/25/96 HH BSG 8; 07/27/96 HH 1; 08/01/96 HH 4
Pine Warbler	05/28/96 HH 15; 05/30/96 HH 7; 06/20/96 HH 2; 06/30/96 HH&LR 6; 06/30/96 HH&LR 6; 08/11/96 RS 9
Prairie Warbler	07/10/96 RS&VL 1
Black-and-white Warbler	06/30/96 HH&LR 2; 06/30/96 HH&LR 2; 07/10/96 RS&VL 1; 08/11/96 RS 1
American Redstart	07/10/96 RS&VL 1
Prothonotary Warbler	05/25/96 HH BSG 7; 05/29/96 HH 12; 05/30/96 HH 3; 06/15/96 BSG 3; 06/20/96 HH 9; 06/22/96 HH,LR,AC,CH 8; 06/23/96 HH 6; 06/23/96 HH 8; 08/11/96 RS 3
Swainson's Warbler	05/28/96 HH 4; 05/29/96 HH 5; 05/30/96 HH 6
Louisiana Waterthrush	05/28/96 HH 4; 05/29/96 HH 4; 05/30/96 HH 4; 06/30/96 HH&LR 1; 06/30/96 HH&LR 1
Kentucky Warbler	05/29/96 HH 6; 05/30/96 HH 4; 06/21/96 HH 1; 06/30/96 HH&LR 3; 06/30/96 HH&LR 3
Common Yellowthroat	05/28/96 HH 9; 05/30/96 HH 2; 06/15/96 BSG 2; 06/30/96 HH&LR 7; 06/30/96 HH&LR 4; 07/02/96 HH 1; 07/25/96 HH 2; 07/27/96 HH 1
Hooded Warbler	05/28/96 HH 14; 05/29/96 HH 2; 06/30/96 HH&LR 5; 06/30/96 HH LR 5; 06/30/96 HH&LR 4; 07/10/96 RS&VL 1; 08/11/96 RS 3

Abbrev	Name	Dates and Places
	Yellow-breasted Chat	05/25/96 HH BSG 3; 05/28/96 HH 13; 05/30/96 HH 16; 06/21/96 HH 4; 06/23/96 HH 9; 06/23/96 HH 5; 06/30/96 HH&LR 6; 07/02/96 HH 1; 07/10/96 RS&VL 1
	Summer Tanager	05/25/96 HH BSG 7; 05/28/96 HH 9; 05/29/96 HH 10; 05/30/96 HH 6; 06/15/96 BSG 2; 06/20/96 HH 5; 06/21/96 HH 1; 06/30/96 HH&LR 2; 06/30/96 HH&LR 2; 07/10/96 RS&VL 1; 07/25/96 HH 1; 08/12/96 HH&MH 1
	Northern Cardinal	05/25/96 HH BSG 6; 05/28/96 HH 17; 05/29/96 HH 18; 05/30/96 HH 15; 06/15/96 BSG 2; 06/20/96 HH 11; 06/23/96 HH 12; 06/23/96 HH 16; 06/30/96 HH&LR 9; 07/02/96 HH 2; 07/06/96 DR 10; 07/08/96 RS 1; 07/10/96 RS&VL 1; 07/11/96 HH 6; 07/11/96 HH 5; 07/12/96 DR 24; 07/14/96 HH&MH 4; 07/19/96 HH 4; 07/27/96 HH 1; 08/11/96 RS 19; 08/12/96 HH&MH 3
	Blue Grosbeak	05/29/96 HH 4; 05/30/96 HH 4; 06/23/96 HH 4; 06/23/96 HH 6; 06/30/96 HH&LR 1; 07/02/96 HH 2; 07/09/96 HH 2; 07/21/96 HH 2; 07/21/96 HH 2; 07/25/96 HH 2; 08/01/96 HH 1
	Indigo Bunting	05/25/96 HH BSG 6; 05/28/96 HH 17; 05/29/96 HH 12; 05/30/96 HH 12; 06/15/96 BSG 1; 06/20/96 HH 12; 06/21/96 HH 4; 06/22/96 HH,LR,AC,CH 4; 06/23/96 HH 13; 06/30/96 HH&LR 10; 06/30/96 HH&LR 12; 06/30/96 HH LR 12; 07/02/96 HH 2; 07/06/96 DR 2; 07/09/96 HH 2; 07/10/96 RS&VL 1; 07/11/96 HH 7; 07/12/96 DR 2; 07/14/96 HH&MH 2; 08/01/96 HH 8; 08/07/96 HH&SR 5; 08/11/96 RS 16; 08/12/96 HH&MH 2
	Painted Bunting	05/28/96 HH 8; 05/29/96 HH 6; 05/30/96 HH 6; 06/20/96 HH 5; 06/23/96 HH 9; 06/23/96 HH 27; 06/30/96 HH&LR 2; 07/14/96 HH&MH 2; 08/12/96 HH&MH 1
	Dickcissel	05/29/96 HH 22; 06/23/96 HH 14; 06/23/96 HH 8; 07/08/96 RS 1; 07/25/96 HH 2; 08/09/96 H&PH 4; 08/12/96 HH&MH 2
	Eastern Towhee	07/10/96 RS&VL 1
	Chipping Sparrow	05/28/96 HH 14; 05/30/96 HH 4; 06/20/96 HH 5; 06/30/96 HH&LR 1
	Field Sparrow	05/28/96 HH 12; 05/30/96 HH 8; 06/23/96 HH 2
	Lark Sparrow	05/29/96 HH 4
	Grasshopper Sparrow	08/01/96 HH 1
	Red-winged Blackbird	05/28/96 HH 21; 05/29/96 HH 34; 05/30/96 HH 28; 06/20/96 HH 18; 06/21/96 HH 5; 06/22/96 HH,LR,AC,CH 10; 06/22/96 HH,LR,AC,CH 6; 06/23/96 HH 50; 06/23/96 HH 7; 06/23/96 HH 45; 06/30/96 HH&LR 20; 07/02/96 HH 6; 07/06/96 HH 15; 07/08/96 RS 101; 07/11/96 HH 2; 07/14/96 HH&MH 8; 07/25/96 HH 30; 07/25/96 HH 50; 07/27/96 HH 20; 07/28/96 DR 4; 08/02/96 HH 100; 08/09/96 H&PH 75; 08/09/96 H&PH 1000; 08/12/96 HH&MH 6
	Eastern Meadowlark	05/28/96 HH 8; 05/29/96 HH 12; 05/30/96 HH 22; 06/15/96 BSG 3; 06/20/96 HH 6; 06/23/96 HH 21; 06/23/96 HH 24; 06/30/96 HH&LR 6; 07/12/96 HH 10; 07/25/96 HH 1; 07/28/96 DR 7; 08/01/96 HH 8
	Common Grackle	05/29/96 HH 12; 05/30/96 HH 20; 06/15/96 BSG 15; 06/20/96 HH 25; 06/22/96 HH,LR,AC,CH 8; 06/23/96 HH 30; 06/23/96 HH 11; 07/06/96 HH 8; 07/08/96 RS 1; 07/27/96 HH 4; 08/01/96 HH 12; 08/09/96 H&PH 4; 08/11/96 RS 5
	Brown-headed Cowbird	05/25/96 HH BSG 8; 05/29/96 HH 15; 05/30/96 HH 16; 06/15/96 BSG 2; 06/20/96 HH 12; 06/23/96 HH 15; 06/23/96 HH 22; 06/23/96 HH 25; 07/08/96 RS 1; 08/01/96 HH 6; 08/09/96 H&PH 50; 08/09/96 H&PH 40
	Orchard Oriole	05/28/96 HH 6; 05/29/96 HH 4; 05/30/96 HH 5; 06/20/96 HH 11; 06/22/96 HH,LR,AC,CH 4; 06/23/96 HH 5; 06/23/96 HH 5; 07/14/96 HH&MH 1; 07/25/96 HH 1; 08/01/96 HH 1; 08/11/96 RS 1
	House Sparrow	05/29/96 HH 8; 05/30/96 HH 8; 06/15/96 BSG 4; 06/23/96 HH 1; 06/23/96 HH 10; 07/06/96 DR 12; 07/12/96 DR 5; 07/28/96 DR 12

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