



BIRD STUDY GROUP NEWSLETTER

Volume 13, Number 7
February 23, 1999

Bird Alert Service: Phone 318, 797-5338, 24 hr./day, 7 days/wk.
Meeting Place and Headquarters: LSUS Museum of Life Sciences
Meeting Time: Second Tuesday, September - June; 6:30 p.m.
Internet Home Page: <http://www.softdisk.com/comp/birds/>
E-mail: lsusmus@prysm.net; Fax 318, 797-5338

NEXT MEETING

March 9, 1999

CAMP CHIRICAHUA

KATHRYN TRAHAN

LSUS Museum of Life Sciences

6:30 p.m.

FIELD TRIP

MARCH 13 - WARDVIEW AND ENVIRONS, BOSSIER PARISH

BOARD MEETING - MARCH 4

BOARD OF DIRECTORS

1998-1999
OFFICERS

President	Jean Trahan (2)	869-5719 W, 868-7360 H
Vice-president	Larry Raymond (3)	929-2806 W, 929-3117 H
Secretary	Jeff Trahan (2)	869-5217 W, 868-7360 H
Treasurer	Betty Mason (2)	752-1029 H

MEMBERS AT LARGE

Donna Burney (1) 675-4223 W, 686-7820 H
Roy Bott (3) 925-2265 H
Mac Hardy (1) 797-5338 W, 687-6738 H
Roy Henderson (1) 861-7449 H
Hubert Hervey (2) 925-9249 H
Pat Hervey (3) 925-9249 H
Jim Ingold (3) 797-5236 W, 742-5067 H
Vicki LeFevers (1) 869-5088 W, 861-4533 H
Rosemary Seidler (3) 869-5231 W, 424-2972 H
Will Smolenski (1) 865-2938 H
Judy Townes (2) 929-4106 W, 865-7412 H

Numbers in parentheses are years remaining of a 3-year term.

COMMITTEE CHAIRPERSONS

BIRD REPORT	Donna Burney	742-6829 H
	Will Smolenski	865-2938 H
BIRD HOT SPOTS	Larry Raymond	929-2806 W, 929-3117 H
BIRD RECORDS	Mac Hardy	797-5338 W, 687-6738 H
FIELD TRIPS	Hubert Hervey	925-9249 H
FUND RAISING	Will Smolenski	865-2938 H
HISTORIAN and LIBRARIAN	Jim Ingold	797-5236 W, 742-5067 H
HOSPITALITY and SPECIAL EVENTS	Loretta Soule	868-3259 H
	June Haynie	868-5441 H
	Judy Townes	929-4106 W, 865-7412 H
	Colleen Kulesza	424-8707 W
MEMBERSHIP	Shirley Huss	865-5959 H
NEWSLETTER	Jim Ingold	797-5236 W, 742-5067 H
BEGINNING BIRDERS	Jeff Trahan	869-5217 W, 868-7360 H
PHONE TREE	Rosemary Seidler	869-5231 W, 424-2972 H
PROGRAMS	Larry Raymond	929-2806 W, 929-3117 H
PUBLICITY	Judy Townes	929-4106 W, 865-7412 H
WWW HOME PAGE	Jim Ingold	797-5236 W, 742-5067 H

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ABOUT THE PROGRAM

Our speaker for the March meeting is Kathryn Trahan who will speak on her trip to "Camp Chiricahua." Kathryn spent two weeks at the camp in the Chiricahua Mountains of Arizona in July 1998. The Louisiana Ornithological Society and the Baton Rouge Audubon Society sponsored her trip. Kathryn was one of 12 people, ages 13-17, accepted to the camp from across the United States. Kathryn is in the ninth grade at Caddo Magnet High School. Although she is not sure of her career goals yet, her hobbies include hanging out with her friends, spending time with her parents, travelling, and collecting foreign coins.

FIELD TRIPS

MARCH THROUGH JUNE

MARCH 13 - WARDVIEW AND ENVIRONS, BOSSIER PARISH: I discovered this lost area while doing Breeding Bird Atlas surveys and was impressed with its possibilities. It will take most of the day to do the area justice, but of course you can leave whenever you must, if you can find the way out. This trip is mostly driving but some easy walking will be involved. Leave LSUS at 7:00 a.m. Leader: Hubert Hervey.

APRIL 17 - CAROLINE DORMAN'S BRIARWOOD: Everyone who loves nature must visit Briarwood at this time of year. The flowers and native plants are at their very best. Easy walking is involved on the developed trails. An admission fee of \$5.00/person is charged by Briarwood. We will try to find a few extra places to bird on the trip so we will be able to go home with 40 or more

species. Leave LSUS at 7:00 a.m. Leader: Hubert Hervey.

APRIL 24 - LOS ANNUAL SPRING MEETING: The LOS is our state bird watchers' and ornithologists' organization. It deserves your membership and participation. The spring meeting is the prime time to attend. The birding varies from super to unbelievable. My usual trip totals run from 115 to 130 species. The location is in Cameron, LA. Any BSG club plans for this weekend will be announced at the April meeting.

MAY 1 - BREAK 100 DAY: For those who participate in this day of birding, we will attempt to show them 100 species of birds. This is for serious birders or those who wonder "what makes us tick?" We will leave the LSUS parking lot at 4:00 a.m. We will go wherever the brain trust wants to lead us. Your time is our time. We will come back to the LSUS parking lot at 8:00 a.m. to pick up the sleepy heads. Leader: The Brain Trust.

MAY 8 - NAMC DAY: Our club has participated in this event since its beginning. The North American Migration Count has become one of our club's favorite outings. Each participating group has an area and most of them have had the same area for several years. You are welcome to join with any of these groups or form one of your own. There is no limit to where you can go in the state of Louisiana, but you must list the birds of each parish separately. I have heard that some of our members hope to take advantage of this opportunity and locate a record number of birds for a single group, on a single day in North Louisiana. Contact Hubert Hervey at 925-9249 if you would like to join up, at no expense. The post-count meeting and supper will be held at Larry Raymond's house.

MAY 29 - BREEDING WARBLERS OF NORTHERN LOUISIANA SURVEY: Last year this count was made one week earlier and yet succeeded in finding all of the known breeding warblers in our area. This includes Swainson's and Worm-eating Warblers, two of the most difficult to locate. This year Terry may be able to have the same exceptional luck. Leader: Terry Davis. Other details pending.

NEOTROPIC CORMORANT BREEDING IN ARKANSAS

BY MAC HARDY

A recent article describes breeding Neotropic Cormorants during the summer of 1996 in Lafayette County in southwestern Arkansas (Coldren, Mark K., Cade

L. Coldren, Kimberly G. Smith, and Sterling S. Lacy [BSG member]. First Neotropic Cormorant, *Phalacrocorax brasilianus* (Aves: Phalacrocoracidae), Breeding Record for Arkansas. *Southwestern Naturalist* 43(4): 496-498, 1999). The nest contained two downy chicks. At least two adults were observed in the vicinity of the nest over a period of about 32 days.

The nest was in a heronry consisting primarily of **Cattle Egrets** (about 1500), but also containing six other species of herons. The nest was about 2 meters above the water, in the center of a circular stand of emergent vegetation in an oxbow lake of the Red River. Other workers have suggested that large heronries, that are always noisy with calling and squabbling birds, might attract other to the colony.

The **Neotropic Cormorant** is very rare in our area and, consequently, every observation should be documented. Any nesting effort is more likely to be associated with a large heronry. Anytime you are near a heronry, look for a **Neotropic Cormorant**. Pay particular attention to the center of the colony. Because of the Arkansas discovery, nesting of the **Neotropic Cormorant** would be expected in our area also.

WINTER SPARROW BANDING

BY JIM INGOLD

Each year during the weekend nearest Valentine's Day, the Bird Study Group travels to Paul Dickson's deer farm to band winter sparrows. This year our trip was held on Saturday, 13 February. We caught 64 individuals of 9 species. Fifty-eight individuals were newly banded, 4 birds banded in previous years were retrapped, and two individuals were not banded. The species caught included:

Song Sparrow - 16 newly banded birds; 1 retrap that was originally banded as an After Hatching Year (AHY) bird on 2/28/98 (band number 4501-56166).

White-crowned Sparrow - 11 newly banded birds (7 were juvenile or Second Year (SY) birds and 4 were adult or After Second Year (ASY) birds; 2 previously banded birds were retrapped: band numbers 4501-56153 and 4501-56176, both were banded 2/28/98 as SY birds.

White-throated Sparrow - 2 newly banded birds.

Lincoln's Sparrow - 3 newly banded birds.

LeConte's Sparrow - 1 newly banded bird.

Swamp Sparrow - 14 newly banded birds.

Field Sparrow - 1 newly banded bird.

Brown-headed Cowbird - 2 birds were caught but not banded.

Savannah Sparrow - 10 newly banded birds and 1 retrap. The retrapped bird (band number 970-86582) was originally banded as AHY on 2/16/96. This means that this bird is at least in its 5th year of life. The oldest known **Savannah Sparrow** was 6 years and 10 months old (M. K. Klimkiewicz and A. G. Fitcher (1987) Longevity Records of North American Birds: Coerebinae through Estrildidae. *Journal of Field Ornithology* 58(3):318-333).

Each year in February or early March, at the latest I also band winter sparrows at Hubert and Pat Hervey's house. This year I banded on Sunday, 21 February. A total of 52 birds of 12 species were banded and or retrapped. Single individuals of the following species were newly banded: **Carolina Chickadee, Carolina Wren, American Robin, Yellow-rumped Warbler, Song Sparrow, White-crowned Sparrow, and Pine Siskin**. Other species for which we banded new birds were: **Chipping Sparrow (27), Harris' Sparrow (2), White-throated Sparrow (7), and Northern Cardinal (3)**. Two **Tufted Titmice** that were originally banded on 6 February 1996 were retrapped. We also retrapped a previously banded **Song Sparrow** (banded 3/12/98), one **White-throated Sparrow** (banded 3/12/98), one **White-crowned Sparrow** (banded 3/12/98), and one **Northern Cardinal** (banded 2/6/97). Two exciting things happened during banding at Hubert's house. I caught my first ever **Harris' Sparrow**; a **Sharp-shinned Hawk** tried to get a **White-throated Sparrow** out of the net.

WHERE ARE WE?

OUTING REPORT
BY HUBERT HERVEY

The most memorable sights of this outing to *geswar* include a **Rough-legged Hawk** being harassed by **Northern Harriers** and a **Golden Eagle** putting a flock of 15,000 **Snow Geese** into flight before cruising over 4,000 **White Ibis** and scaring the bejabbers out of them. So where are we? In the case of the **Rough-legged Hawk** we were at the Powhatan Exit of I-49 where the hawk has spent much of the winter and has pleased many bird watchers. A large group attended this outing, maybe because some of them were students, and had some underlying motivation to attend class. This group then went back by way of Lock and Dam No. 4 on the Red River, where they saw or heard **American White Pelican, Common Moorhen, and Sora**.

Only a small group was treated to the **Golden Eagle** as it put on its show. What kind of a power rush does one bird feel as it puts 20,000 other birds into the air, because they feel threatened by it? And *geswar* we were. Answer: On the farm where we usually go, near Bayou Road, north of Cheneyville, LA. Nearly a thousand **Greater White-fronted Geese**, some 15,000 **Snow Geese** (with some blue phase), and four thousand **White Ibis**, plus several other smaller species of birds, were all flying in tight flocks trying to avoid becoming eagle bait. The immature **Golden Eagle** soared, attempting to gain a height advantage, as the previously mentioned flocks tried to avoid its dives. Finally, the eagle soared away to the north and we drove around to a better vantage place to view the geese, which looked like splashes of snow on the ground. And then the eagle reappeared high over the geese. I thought a **Snow Goose** would make a very huge meal for an eagle, and wondered why it didn't try for a smaller meal. Maybe something with fur on it would be more appropriate. Before leaving once again, the eagle made a long, sloping stoop on a lone blue phase **Snow Goose**, which took flight upward toward the eagle. A stooping **Golden Eagle** doesn't have near the speed of a **Peregrine Falcon**. Just before imminent impact, the goose flipped up one wing in a side slip maneuver and the hungry young **Golden Eagle** flew out of our range of vision. You can only imagine the sense of awe we felt after having viewed such exciting action. Indeed, "Awesome" was used several times to describe our feelings. Did I mention all of this happened in Louisiana?

THE BIRD RECORDS

BY MAC HARDY

The bird records database of the Bird Study Group contains about 70,000 records. Even though most of the records cover the 13-year history of the Bird Study Group, some older records exist because some older individual records have been added to the database. This valuable resource is large enough to gain some insight into the seasonal changes in the bird populations in our area. We occasionally get requests from birders outside of Louisiana for data from the database.

Because the weather is improving daily and birding will be soon increasing greatly it is appropriate to offer a few reminders and suggestions in order to maintain the high quality of our database. Be sure that all of your records include a precise locality (with the parish) and the date of the observations. Record the numbers of individual birds seen as accurately as possible. Think about the future. A future researcher who is trying to use some data from the database will get little or no information from a locality that reads only "LA 1" or "Red River." Both of these are

several hundred miles long and a good researcher will not guess at your imprecise locality -- he will just throw out the record! Also, the fact that you saw a species is of limited value. When you indicate that by a check mark we record it as one! A future worker will not know whether you saw 1 **Northern Flicker** or 400, or whether you saw 1 **Double-crested Cormorant** or 100,000! It does make a difference.

We are constantly looking for ways to make it easy for you to submit records and also keep our work load low. At the present time these are the possibilities:

1. Fill out a one-page bird records data sheet (or a field checklist) for each trip or location. These are always available in the Museum. Fill it out completely so we don't have to waste time calling to find out what parish you were in or what date you were birding. Most observers use this method. These can be mailed in, delivered by hand at any time, or faxed (FAX to the Museum, 797-5338).

2. Call in your records to one of the telephone bird records reporters (see the Bird Report in the Newsletter). You can dictate your report over the phone. Many people do this but it does take more time.

3. Enter your records directly in the database. We provide diskettes with the database file format (dbf). We prefer that your field checklist, data sheets, or paper napkin © accompany the diskette so we can have a hard copy for the Newsletter file. This method is used by five birders and is definitely the most efficient.

4. Call in your **short list** to the Museum answering machine (after hours please). The answering machine will handle about 3-4 minutes worth of recording per call. If it cuts off before you are finished, call back and leave the rest of the report. Be sure to give all information (place, observers, and date, at least). A few do this. It is good for a few records, or if you are on the road, or in your car.

5. Use your own bird records software and export a dbf format report with the appropriate data. We can import many formats. This is reasonably efficient but might present some technical problems with some software. No reports have been received using this method.

6. Enter your bird records via LABIRD on the internet. There is no set format; however, we require a precise locality, date, and observers. This is very time consuming for us and is the least desirable. We often cannot make reliable associations between individual bird records and the correct locality and/or date. Because we want as accurate information as possible we will not try to

unscramble the confusing records nor will we spend the time to track down the correct information. If it is complete we use it, if it is incomplete, we do not (on a record by record basis). A few people use this method, in part, or completely, for their records.

7. E-mail your records to the Museum. This suffers similar problems to the LABIRD method, but in general is better. In an e-mail to the Museum the main objective is to submit the bird list, but in LABIRD the main objective is usually to discuss some rare bird or other special event and the bird list ends up being fragmented, incomplete, in prose form, or otherwise difficult to extract.

We are always in need of persons who can enter bird records into the database. We provide the software, so this can be done at home. There is a deadline each month such that I need the disk at least a day before the final completion of the Newsletter. If you will help with this part on a continuous, dependable, long-term (year or more) basis, let me know.

In the future we hope to add one important component to this process via the internet. I will explore this for you at a later time.

THANKS!

I would like to offer my deep gratitude to all of the Bird Study Group members that helped to make the LOS winter meeting a success: Terry Davis, Paul Dickson, Margaret Fontaine, Vera Garlough, Mac Hardy, Hubert and Pat Hervey, Colleen Kulesza, Vicki LeFevers, Charles Lyon, True Mann, Larry Raymond, Rosemary Seidler, Will Smolenski, Betty and Dick Spears, Ellen Stevenson, Judy Townes, Jeff, Jean, and Kathryn Trahan, and Bill Wood. - *Jim Ingold*

THE GREAT LOUISIANA BIRDFEST

The 1999 Great Louisiana Birdfest will be held at the Northlake Nature Center in Covington, St. Tammany Parish, on the weekend of April 16-19. Various field trips and workshops are planned along with a lot of good food. If you are interested, registration materials are available at the Museum and will also be available at the March meeting of the Bird Study Group. Cost of this event varies depending on the field trips, workshops, and meals you choose.

VOLUNTEER OPPORTUNITIES FOR BIRDERS - 1999

The annual guide to Volunteer Opportunities for Birders is published by the American Birding Association and is available for your perusal in the Bird Study Group Library.

BOARD MEETING

The next meeting of the Board of Directors of the Bird Study Group will be on Thursday March 4 1999. We will meet at 7:00 p.m. in the Museum of Life Sciences.

MINUTES OF THE REGULAR MEETING

February 9, 1999, 7:00 p.m.
Museum of Life Sciences at LSUS

Vicki LeFevers presented the program: "Tori, Tori, Tori — Birding in Japan."

Treasurer's Report: Betty Mason reported a balance as of September 29, of \$964.99. The club had income since that time of \$283.65 and expenses of \$334.00. The present balance in the bank is \$914.64. Major expenditures were \$200 for bulk mailing and a \$100 donation to the Nature Conservancy. The club now has a balance of \$223.21 at the post office for bulk mailing and \$283.70 on account at LSUS printing.

Shirley Huss reported that the club has 114 members.

Hubert Hervey reviewed future field trips. Next Saturday is bird banding at Paul Dickson's farm, and on February 20, the club will go to Cheneyville to see the Sandhill Cranes. If anyone of the group would like to see the **Rough-legged Hawk**, the group could stop for a short time at the Powhatan exit on the way to Cheneyville.

Jim Ingold thanked all of those members who worked at the LOS winter meeting and helped make it a success. He remarked that for this meeting, income exceeded expenses by \$80.00. Jim also reminded the group of the Cornell Laboratory of Ornithology's Great Backyard Bird Count, February 19-22. This is a scientific study to which you can contribute the bird count from your neighborhood. Counts can be mailed in or submitted via the Internet.

Use your Kroger Card It helps the BSG

BIRD NOTES - FEBRUARY

Compiled February 22, 1999

Report bird records for the Newsletter to Donna Burney (742-6829) 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 and 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.

OBSERVERS

Abbreviation	Name	Date and Place
BSG	Bird Study Group	02/06/99 I-49, Evelyn exit area, 02/20/99 I-49, mile 190.
BW	Bill Wood	01/17/99 Powhatan Exit, I-49, 01/22/99 Residence, Shreveport, 01/24/99 Yearwood Rd.
CL	Charlie Lyon	02/03/99 Old Brownlee Rd. fields
CL,J&JAK	Charlie Lyon, Joe & Jo Ann Kleiman	01/31/99 Ellerbe Rd., 01/31/99 Shreveport Regional Airport
E&SH	Ed & Shirley Huss	01/22/99 Bickham Dickson Park, 01/24/99 S. Cross Lake Drive & Ford Park
ETS	Ellen T. Stevenson	02/05/99 Shreveport, Youree Dr. @ E. Washington
H&PH	Hubert and Pat Hervey	02/02/99 Old Brownlee Road, 02/08/99 Stonewall Farm
HH&LOS	Hubert Hervey & LOS Group	01/30/99 Cypress Lake Recreational Area, 01/31/99 Cypress Lake Recreational Area, 01/31/99 Marie Hamel Memorial Park
J&JT	Jeff & Jean Trahan	01/23/99 Red River Research Station, 01/24/99 Clark's Marina, 01/24/99 Red River Research Station, 01/31/99 Hwy 1 S., 01/31/99 Lock & Dam No. 5, 02/06/99 Hwy 1, S., 02/06/99 Lock & Dam No. 4, 02/06/99 Lock & Dam No. 5
JI	Jim Ingold	01/24/99 Hwy 1, S. of LSUS, 01/24/99 Hwy 1, No. of Lock&Dam No. 4, 01/24/99 I49 @ Powhatan, 01/24/99 Lock & Dam No. 4, 02/04/99 I-49 at Powhatan exit (ca. 49 mi. S Bert Kouns), 02/04/99 LA Hwy 1 N of Lock and Dam No. 4, 02/04/99 LA Hwy 1 S of LSUS campus, 02/04/99 Red River at Lock and Dam No. 4, 02/16/99 I-49 barrow pits at Powhatan exit, 02/16/99 King Hill Road, 02/16/99 Red River at Lock and Dam No. 4.
JT	Jeff Trahan	02/14/99 Bickham Dickson Regional Park
LOS	LOS Winter Meeting Field Trip	01/30/99 Cross Lake at Brewster's Pocket, 01/30/99 Cross Lake at bridge at Mallard Bay, 01/30/99 LSUS Campus, 01/30/99 LSUS/N Lakeshore@Cross Lake/Mallard Bay/Fleming Park/Jacobs Park, 01/30/99 Mallard Bay, 01/30/99 Richard Fleming Park, 01/30/99 Walter Jacobs Nature Park, 01/31/99 North Lakeshore at Cross Lake
LR&MH	Larry Raymond and Mac Hardy	01/02/99 Chinanoak Road, 01/02/99 Cross Bayou at LA 154 and Elston Road, 01/02/99 Flat River at LA 154, 01/02/99 LA 154, 01/02/99 LA 154 @ LA 157, 01/02/99 Robinson Road North of LA 154, 01/02/99 Smith Road and Old Hwy 71, 01/02/99 West side of U.S. 71 between Taylortown and Elm Grove
LR&TD	Larry Raymond and Terry Davis	02/06/99 Benton Road to Brownlee Road to Old Brownlee Road
LRR	Larry R. Raymond	02/10/99 Walter Jacobs Nature Park
M&MH	Mac and Marilyn Hardy	01/11/99 I-49, Evelyn exit, 01/11/99 I-49, mile 190.
PD	Paul Dickson	01/12/99 Powhatan Exit I-49, 01/27/99 Robinson Rd.(Hwy 1 South), 01/28/99 410 Kay Lane, Shreveport, 01/31/99 Residence, Shreveport
PD&LOS	Paul Dickson and LOS group	01/30/99 Red River Experiment Station.
TD&WJ	Terry Davis & Wellborn Jack	02/10/99 Old Brownlee Rd.
TD et al.	T. Davis, B. Crider, Karen Fay, et al.	01/30/99 Caddo Lake dam, Earl G. Williamson Park and Mooringsport, 01/30/99 Mission Plantation area at jct. LA 2 & LA 3049, 01/30/99 Swamp on LA 530, 1/4 mi. E Mooringsport, 01/30/99 vicinity of catfish ponds on U.S. 71, N Shreveport,
W&CJ	Wellborn Jack & Catherine Jack	02/10/99 Old Brownlee Rd.
WJ	Wellborn Jack	02/01/99 Caddo Correctional Ctr. @ N. Market, 02/06/99 Residence, Cross Lake. 02/07/99 Residence, Cross Lake

RECORDS

Common Name	Data
Pied-billed Grebe	01/02/99 LR&MH 4; 01/22/99 E&SH 1; 01/24/99 JI 6; 01/24/99 J&JT 2; 01/30/99 LOS 5; 01/30/99 TD et al. 1; 01/30/99 HH&LOS 2; 01/31/99 HH&LOS 2; 01/31/99 J&JT 1; 01/31/99 CL,J&JAK 2; 02/04/99 JI 12; 02/06/99 J&JT 10; 02/06/99 BSG 2; 02/14/99 JT 3; 02/16/99 JI 4
Horned Grebe	01/30/99 LOS 2
American White Pelican	01/24/99 E&SH 1; 01/24/99 J&JT 20; 01/24/99 JI 17; 01/24/99 JI 12; 01/30/99 PD&LOS 50; 01/31/99 J&JT 12; 02/04/99 JI 12; 02/06/99 J&JT 9
Double-crested Cormorant	01/02/99 LR&MH 24; 01/22/99 E&SH 30; 01/24/99 J&JT 8; 01/24/99 E&SH 16; 01/24/99 JI 14; 01/24/99 J&JT 50; 01/30/99 TD et al. 1; 01/30/99 LOS 60; 01/30/99 PD&LOS 25; 01/30/99 HH&LOS 15; 01/31/99 HH&LOS 6; 01/31/99 HH&LOS 12; 01/31/99 J&JT 200; 02/03/99 CL 6; 02/04/99 JI 2; 02/04/99 JI 17; 02/06/99 J&JT 75; 02/06/99 J&JT 40; 02/06/99 BSG 4; 02/14/99 JT 950; 02/16/99 JI 25
Anhinga	02/06/99 J&JT 1
Great Blue Heron	01/02/99 LR&MH 1; 01/02/99 LR&MH 1; 01/02/99 LR&MH 1; 01/22/99 E&SH 3; 01/24/99 JI 2; 01/24/99 J&JT 1; 01/24/99 J&JT 1; 01/24/99 JI 5; 01/30/99 TD et al. 1; 01/30/99 PD&LOS 2; 01/30/99 TD et al. 1; 01/30/99 LOS 5; 01/30/99 HH&LOS 4; 01/31/99 J&JT 1; 01/31/99 J&JT 3; 01/31/99 HH&LOS 3; 01/31/99 HH&LOS 1; 02/04/99 JI 1; 02/04/99 JI 1; 02/04/99 JI 2; 02/04/99 JI 5; 02/06/99 J&JT 1; 02/06/99 J&JT 2; 02/06/99 BSG 2; 02/08/99 H&PH 1; 02/14/99 JT 2; 02/16/99 JI 3; 02/16/99 JI 1
Great Egret	01/02/99 LR&MH 5; 01/22/99 E&SH 25; 01/24/99 JI 3; 01/24/99 JI 5; 01/24/99 JI 3; 01/30/99 TD et al. 1; 01/30/99 PD&LOS 6; 01/30/99 LOS 27; 01/30/99 TD et al. 1; 01/30/99 HH&LOS 2; 01/31/99 HH&LOS 4; 01/31/99 HH&LOS 2; 01/31/99 CL,J&JAK 1; 01/31/99 J&JT 4; 01/31/99 J&JT 3; 02/04/99 JI 5; 02/04/99 JI 8; 02/04/99 JI 6; 02/04/99 JI 9; 02/06/99 J&JT 1; 02/06/99 J&JT 3; 02/06/99 BSG 3; 02/08/99 H&PH 1; 02/16/99 JI 1; 02/16/99 JI 1
Tricolored Heron	02/06/99 BSG 4
Cattle Egret	01/31/99 J&JT 28; 01/31/99 CL,J&JAK 1; 02/06/99 J&JT 25
White Ibis	02/06/99 BSG 26

RECORDS

Common Name	Data
Black Vulture	01/02/99 LR&MH 10, 01/02/99 LR&MH 3, 01/02/99 LR&MH 1, 01/30/99 TD et al. 1, 01/30/99 LOS 13, 01/30/99 HH&LOS 6, 01/31/99 HH&LOS 4, 02/06/99 BSG 2, 02/08/99 H&PH 2
Turkey Vulture	01/02/99 LR&MH 1, 01/02/99 LR&MH 1, 01/02/99 LR&MH 2, 01/02/99 LR&MH 1, 01/02/99 LR&MH 1, 01/24/99 II 6, 01/24/99 II 7, 01/24/99 II 7, 01/24/99 II 7, 01/24/99 II 8, 01/30/99 PD&LOS 4, 01/30/99 TD et al. 1, 01/30/99 HH&LOS 15, 01/31/99 HH&LOS 13, 01/31/99 J&JT 3, 02/04/99 II 4, 02/04/99 II 1, 02/04/99 II 9, 02/04/99 II 5, 02/06/99 J&JT 3, 02/06/99 J&JT 5, 02/06/99 BSG 12, 02/08/99 H&PH 10, 02/16/99 II 10, 02/16/99 II 11
Greater White-fronted Goose	01/24/99 II 20, 02/04/99 II 50, 02/06/99 BSG 1
Snow Goose	01/24/99 II 100, 02/04/99 II 128, 02/06/99 BSG 275
Wood Duck	01/24/99 J&JT 4, 01/30/99 TD et al. 7, 01/30/99 TD et al. 1, 01/30/99 LOS 2, 01/30/99 HH&LOS 2, 01/30/99 PD&LOS 4, 02/14/99 II 12, 02/16/99 II 4
Green-winged Teal	01/30/99 PD&LOS 30, 01/30/99 TD et al. 10
Mallard	01/02/99 LR&MH 2, 01/24/99 II 5, 01/24/99 II 3, 01/30/99 PD&LOS 3, 01/30/99 LOS 2, 01/30/99 TD. 5, 01/30/99 TD. 1, 01/30/99 HH&LOS 2, 01/31/99 J&JT 30, 02/04/99 II 6, 02/04/99 II 25, 02/06/99 BSG 4, 02/06/99 BSG 46, 02/16/99 II 12
Northern Pintail	01/30/99 TD. 2, 01/30/99 PD&LOS 3, 01/31/99 CL,J&JAK 7
Blue-winged Teal	01/24/99 II 6, 01/30/99 TD et al. 5
Northern Shoveler	01/24/99 E&SH 2, 01/24/99 II 12, 01/24/99 II 1, 01/30/99 TD et al. 5, 01/30/99 PD&LOS 8, 01/31/99 J&JT 25, 02/04/99 II 4, 02/06/99 BSG 6
Gadwall	01/02/99 LR&MH 49, 01/02/99 LR&MH 4, 01/24/99 II 12, 01/30/99 TD et al. 50, 01/30/99 HH&LOS 2, 01/30/99 PD&LOS 100, 01/31/99 J&JT 60, 01/31/99 HH&LOS 2, 01/31/99 CL,J&JAK 75, 02/04/99 II 26, 02/04/99 II 6, 02/06/99 J&JT 25, 02/06/99 BSG 2, 02/16/99 II 1
American Wigeon	01/30/99 PD&LOS 6, 01/30/99 TD et al. 1, 01/30/99 LOS 1
Canvasback	01/30/99 LOS 20, 01/31/99 CL,J&JAK 1, 02/06/99 J&JT 2
Redhead	01/30/99 TD. 25
Ring-necked Duck	01/24/99 II 21, 01/24/99 II 1, 01/30/99 TD et al. 1, 01/30/99 LOS 8, 01/30/99 TD et al. 1, 01/30/99 PD&LOS 3, 01/31/99 HH&LOS 6, 01/31/99 CL,J&JAK 4, 02/04/99 II 54, 02/04/99 II 3, 02/06/99 J&JT 8, 02/06/99 BSG 12, 02/16/99 II 39
Lesser Scaup	01/24/99 E&SH 33, 01/24/99 II 11, 01/30/99 HH&LOS 21, 01/30/99 TD et al. 1, 01/30/99 TD et al. 1, 01/31/99 HH&LOS 50, 01/31/99 HH&LOS 8, 01/31/99 CL,J&JAK 10, 02/04/99 II 21, 02/06/99 J&JT 10, 02/06/99 BSG 18, 02/06/99 J&JT 15
Bufflehead	01/24/99 E&SH 18, 01/30/99 TD et al. 3, 01/30/99 HH&LOS 5, 01/31/99 HH&LOS 23, 01/31/99 LOS 2
Hooded Merganser	01/24/99 II 1, 01/30/99 TD et al. 3
Ruddy Duck	01/24/99 E&SH 4, 01/24/99 II 4, 01/30/99 LOS 7, 01/30/99 HH&LOS 4, 01/30/99 TD et al. 1, 01/31/99 HH&LOS 8
Osprey	01/30/99 HH&LOS 1
Bald Eagle	01/30/99 HH&LOS 2, 01/31/99 HH&LOS 1
Northern Harrier	01/02/99 LR&MH 1, 01/24/99 II 1, 01/24/99 J&JT 1, 01/30/99 TD et al. 3, 01/30/99 PD&LOS 1, 01/31/99 CL,J&JAK 2, 02/03/99 CL 1, 02/04/99 II 3, 02/06/99 J&JT 1, 02/06/99 BSG 8
Sharp-shinned Hawk	01/22/99 BW 1, 01/31/99 HH&LOS 1, 02/02/99 H&PH 1
Cooper's Hawk	01/31/99 J&JT 1, 01/31/99 HH&LOS 1, 02/06/99 LR&TD 1
Red-shouldered Hawk	01/02/99 LR&MH 1, 01/24/99 II 1, 01/24/99 E&SH 2, 01/30/99 HH&LOS 2, 01/30/99 LOS 4, 01/30/99 TD et al. 1, 01/30/99 TD et al. 1, 01/31/99 HH&LOS 1, 02/14/99 II 1
Red-tailed Hawk	01/02/99 LR&MH 1, 01/02/99 LR&MH 2, 01/02/99 LR&MH 2, 01/17/99 BW 1, 01/24/99 II 5, 01/24/99 J&JT 4, 01/24/99 II 6, 01/24/99 II 20, 01/24/99 II 12, 01/24/99 J&JT 1, 01/30/99 TD et al. 1, 01/30/99 HH&LOS 6, 01/30/99 LOS 4, 01/30/99 PD&LOS 10, 01/30/99 TD et al. 5, 01/31/99 HH&LOS 3, 01/31/99 J&JT 4, 01/31/99 CL,J&JAK 1, 01/31/99 CL,J&JAK 1, 02/02/99 H&PH 4, 02/03/99 CL 1, 02/04/99 II 18, 02/04/99 II 2, 02/04/99 II 4, 02/04/99 II 2, 02/06/99 J&JT 1, 02/06/99 J&JT 2, 02/06/99 BSG 21, 02/06/99 LR&TD 1, 02/06/99 BSG 2, 02/06/99 J&JT 1, 02/16/99 II 4, 02/16/99 II 1
Rough-legged Hawk	01/24/99 PD 2, 01/17/99 BW 1, 01/24/99 II 1, 02/04/99 II 1, 02/06/99 BSG 1, 02/16/99 II 1
American Kestrel	01/02/99 LR&MH 1, 01/22/99 E&SH 1, 01/24/99 II 1, 01/24/99 II 6, 01/24/99 J&JT 2, 01/24/99 II 6, 01/24/99 J&JT 2, 01/30/99 HH&LOS 1, 01/30/99 TD et al. 1, 01/30/99 LOS 2, 01/30/99 TD et al. 1, 01/31/99 HH&LOS 2, 01/31/99 CL,J&JAK 5, 01/31/99 J&JT 6, 02/02/99 H&PH 2, 02/03/99 CL 1, 02/04/99 II 4, 02/04/99 II 1, 02/04/99 II 13, 02/06/99 J&JT 1, 02/06/99 BSG 2, 02/06/99 BSG 3, 02/06/99 J&JT 2, 02/06/99 J&JT 1, 02/16/99 II 1
Wild Turkey	01/30/99 LOS 1
King Rail	02/06/99 BSG 3
Virginia Rail	01/30/99 TD et al. 1
American Coot	01/02/99 LR&MH 2, 01/22/99 E&SH 58, 01/24/99 II 40, 01/24/99 II 161, 01/24/99 J&JT 6, 01/24/99 II 100, 01/24/99 E&SH 54, 01/30/99 TD et al. 1, 01/30/99 HH&LOS 40, 01/30/99 LOS 300, 01/30/99 TD et al. 1, 01/31/99 HH&LOS 75, 01/31/99 J&JT 12, 02/04/99 II 2, 02/04/99 II 42, 02/04/99 II 52, 02/06/99 J&JT 75, 02/06/99 J&JT 15, 02/14/99 II 1, 02/16/99 II 43
Sandhill Crane	02/16/99 II 18
Killdeer	01/02/99 LR&MH 1, 01/02/99 LR&MH 9, 01/02/99 LR&MH 3, 01/22/99 E&SH 3, 01/24/99 J&JT 60, 01/24/99 II 3, 01/24/99 J&JT 35, 01/24/99 II 8, 01/24/99 II 1, 01/30/99 LOS 3, 01/30/99 HH&LOS 2, 01/30/99 PD&LOS 40, 01/30/99 TD et al. 1, 01/30/99 TD et al. 1, 01/31/99 HH&LOS 10, 01/31/99 J&JT 150, 02/02/99 H&PH 14, 02/04/99 II 16, 02/06/99 LR&TD 3, 02/06/99 BSG 40, 02/14/99 II 11, 02/16/99 II 120, 02/16/99 II 12
Greater Yellowlegs	01/31/99 J&JT 3
Least Sandpiper	01/31/99 J&JT 75
Common Snipe	01/24/99 J&JT 210, 01/24/99 II 45, 01/30/99 TD et al. 8, 01/30/99 PD&LOS 10, 01/31/99 J&JT 80, 01/31/99 J&JT 75, 01/31/99 CL,J&JAK 1, 02/01/99 WJ 201, 02/06/99 LR&TD 35
American Woodcock	02/10/99 TD&WJ 1, 02/14/99 II 1
Bonaparte's Gull	01/24/99 II 13, 01/31/99 CL,J&JAK 12
Ring-billed Gull	01/24/99 J&JT 1, 01/24/99 II 11, 01/24/99 E&SH 7, 01/30/99 PD&LOS 30, 01/30/99 TD et al. 1, 01/30/99 LOS 50, 01/31/99 HH&LOS 30, 01/31/99 CL,J&JAK 2, 02/02/99 H&PH 25, 02/03/99 CL 1, 02/06/99 J&JT 2, 02/14/99 II 5
Forster's Tern	01/24/99 II 12, 01/30/99 LOS 2, 01/30/99 HH&LOS 11, 01/31/99 HH&LOS 6, 01/31/99 HH&LOS 15
Rock Dove	01/02/99 LR&MH 7, 01/22/99 E&SH 45, 01/24/99 J&JT 40, 01/24/99 J&JT 10, 01/24/99 J&JT 10, 01/30/99 PD&LOS 250, 01/30/99 LOS 83, 01/31/99 J&JT 15, 02/02/99 H&PH 30, 02/03/99 CL 20, 02/04/99 II 2, 02/06/99 BSG 23
Mourning Dove	01/22/99 E&SH 2, 01/24/99 J&JT 4, 01/24/99 J&JT 3, 01/24/99 E&SH 1, 01/30/99 PD&LOS 12, 01/30/99 TD et al. 1, 01/30/99 LOS 15, 01/30/99 TD et al. 1, 01/30/99 HH&LOS 12, 01/31/99 HH&LOS 4, 01/31/99 J&JT 4, 02/02/99 H&PH 25, 02/03/99 CL 75, 02/04/99 II 2, 02/04/99 II 4, 02/06/99 BSG 4, 02/06/99 BSG 18, 02/06/99 LR&TD 20, 02/06/99 J&JT 1, 02/14/99 II 6
Greater Roadrunner	01/11/99 M&MH 1, 01/11/99 M&MH 1, 02/20/99 BSG 1
Great Horned Owl	02/14/99 II 1
Barred Owl	01/20/99 LOS 1, 01/30/99 TD et al. 1
Short-eared Owl	01/31/99 CL,J&JAK 1
Belted Kingfisher	01/02/99 LR&MH 1, 01/22/99 E&SH 1, 01/30/99 TD et al. 1, 01/30/99 TD et al. 1, 01/30/99 PD&LOS 2, 01/30/99 LOS 3, 01/31/99 HH&LOS 1, 01/31/99 J&JT 3, 02/04/99 II 2, 02/04/99 II 1, 02/06/99 LR&TD 1, 02/14/99 II 3
Red-headed Woodpecker	01/02/99 LR&MH 4
Red-bellied Woodpecker	01/02/99 LR&MH 1, 01/02/99 LR&MH 1, 01/02/99 LR&MH 4, 01/02/99 LR&MH 2, 01/02/99 LR&MH 1, 01/02/99 LR&MH 2, 01/22/99 E&SH 1, 01/24/99 II 1, 01/24/99 II 2, 01/24/99 J&JT 1, 01/30/99 LOS 6, 01/30/99 TD et al. 1, 01/30/99 HH&LOS 5, 01/30/99 PD&LOS 1, 01/31/99 HH&LOS 3, 02/06/99 LR&TD 1, 02/08/99 H&PH 1, 02/14/99 II 4
Yellow-bellied Sapsucker	01/02/99 LR&MH 2, 01/02/99 LR&MH 1, 01/24/99 E&SH 1, 01/30/99 TD et al. 1, 01/30/99 PD&LOS 1, 01/30/99 HH&LOS 2, 01/30/99 LOS 3, 01/31/99 HH&LOS 1, 02/06/99 LR&TD 2, 02/08/99 H&PH 1
Downy Woodpecker	01/02/99 LR&MH 1, 01/30/99 TD et al. 1, 01/30/99 PD&LOS 1, 01/30/99 HH&LOS 2, 01/30/99 LOS 3, 01/31/99 HH&LOS 2, 01/31/99 J&JT 1, 02/08/99 H&PH 2, 02/14/99 II 2
Hairy Woodpecker	02/08/99 H&PH 1, 02/10/99 LRK 1
Northern Flicker	01/02/99 LR&MH 1, 01/02/99 LR&MH 1, 01/30/99 TD et al. 1, 01/30/99 HH&LOS 2, 01/30/99 PD&LOS 1, 01/30/99 LOS 2, 01/31/99 HH&LOS 3, 02/06/99 BSG 1, 02/06/99 J&JT 1, 02/08/99 H&PH 2, 02/14/99 II 7
Pileated Woodpecker	01/02/99 LR&MH 1, 01/02/99 LR&MH 1, 01/30/99 HH&LOS 1, 01/30/99 LOS 4, 01/30/99 TD et al. 1, 01/31/99 HH&LOS 1, 02/14/99 II 3, 02/16/99 II 1
Eastern Phoebe	01/02/99 LR&MH 2, 01/02/99 LR&MH 1, 01/02/99 LR&MH 1, 01/02/99 LR&MH 1, 01/02/99 LR&MH 1, 01/02/99 LR&MH 2, 01/30/99 TD et al. 1, 01/30/99 TD et al. 2, 01/30/99 PD&LOS 1, 01/30/99 HH&LOS 1, 01/30/99 LOS 2, 01/31/99 HH&LOS 1, 02/06/99 BSG 1, 02/06/99 BSG 1, 02/08/99 H&PH 1, 02/16/99 II 1
Loggerhead Shrike	01/02/99 LR&MH 3, 01/02/99 LR&MH 2, 01/24/99 J&JT 1, 01/24/99 II 1, 01/24/99 E&SH 2, 01/30/99 TD et al. 1, 01/30/99 LOS 1, 01/30/99 HH&LOS 3, 01/30/99 PD&LOS 1, 01/31/99 HH&LOS 2, 01/31/99 J&JT 1, 02/03/99 CL 3, 02/06/99 J&JT 1, 02/06/99 BSG 2, 02/06/99 LR&TD 2, 02/08/99 H&PH 1
Blue-headed Vireo	01/30/99 TD et al. 2, 01/30/99 LOS 1
Blue Jay	01/02/99 LR&MH 7, 01/02/99 LR&MH 1, 01/02/99 LR&MH 1, 01/02/99 LR&MH 6, 01/02/99 LR&MH 6, 01/02/99 LR&MH 3, 01/02/99 LR&MH 6, 01/22/99 E&SH 1, 01/24/99 II 1, 01/24/99 J&JT 2, 01/30/99 TD et al. 1, 01/30/99 PD&LOS 2, 01/30/99 LOS 7, 01/30/99 HH&LOS 12, 01/31/99 HH&LOS 6, 02/04/99 II 1, 02/06/99 LR&TD 2, 02/06/99 BSG 4, 02/06/99 J&JT 2, 02/08/99 H&PH 4, 02/14/99 II 3

RECORDS

Common Name	Data
American Crow	01/02/99 LR&MH 1, 01/02/99 LR&MH 2, 01/02/99 LR&MH 8, 01/02/99 LR&MH 8, 01/02/99 LR&MH 22, 01/24/99 JT 7, 01/24/99 J&JT 3, 01/24/99 JT 1, 01/24/99 JT 6, 01/24/99 JT 1, 01/24/99 E&SH 3, 01/30/99 TD et al. 1, 01/30/99 HH&LOS 18, 01/30/99 LOS 22, 01/30/99 PD&LOS 1, 01/31/99 HH&LOS 8, 01/31/99 J&JT 10, 02/04/99 JT 2, 02/04/99 JT 2, 02/04/99 JT 8, 02/06/99 LR&TD 1, 02/06/99 BSG 25, 02/06/99 J&JT 3, 02/08/99 H&PH 6, 02/14/99 JT 2, 02/16/99 JT 7
Fish Crow	01/24/99 E&SH 3, 01/24/99 JT 66, 01/30/99 HH&LOS 30, 01/30/99 LOS 1, 01/31/99 HH&LOS 12, 02/04/99 JT 4, 02/04/99 JT 8, 02/06/99 BSG 8
Horned Lark	01/24/99 J&JT 25, 01/27/99 PD 5, 01/30/99 TD et al. 6, 01/30/99 PD&LOS 35, 02/02/99 H&PH 125, 02/03/99 CL 10, 02/06/99 LR&TD 25, 02/10/99 W&CJ 5, 02/10/99 TD&WJ 101
Purple Martin	01/28/99 PD 2, 02/05/99 ETS 12
Carolina Chickadee	01/02/99 LR&MH 2, 01/02/99 LR&MH 4, 01/02/99 LR&MH 1, 01/02/99 LR&MH 5, 01/02/99 LR&MH 2, 01/30/99 TD et al. 1, 01/30/99 TD et al. 1, 01/30/99 LOS 6, 01/30/99 HH&LOS 2, 01/30/99 PD&LOS 8, 01/31/99 HH&LOS 4, 02/04/99 JT 2, 02/06/99 J&JT 21, 02/06/99 LR&TD 1, 02/08/99 H&PH 2, 02/14/99 JT 1
Tufted Titmouse	01/02/99 LR&MH 2, 01/02/99 LR&MH 4, 01/02/99 LR&MH 1, 01/30/99 TD et al. 1, 01/30/99 TD et al. 1, 01/30/99 PD&LOS 1, 01/30/99 LOS 5, 01/30/99 HH&LOS 3, 01/31/99 HH&LOS 6, 01/31/99 J&JT 1, 02/02/99 H&PH 2, 02/08/99 H&PH 2
White-breasted Nuthatch	01/30/99 LOS 2, 01/31/99 HH&LOS 2
Brown-headed Nuthatch	01/02/99 LR&MH 1; 01/24/99 E&SH 2; 01/30/99 TD et al. 1
Brown Creeper	01/23/99 J&JT 1, 01/24/99 J&JT 1, 01/30/99 LOS 3
Carolina Wren	01/02/99 LR&MH 1, 01/02/99 LR&MH 4, 01/02/99 LR&MH 1, 01/02/99 LR&MH 2, 01/02/99 LR&MH 1, 01/30/99 TD et al. 1, 01/30/99 TD et al. 2, 01/30/99 HH&LOS 2, 01/30/99 LOS 2, 01/31/99 HH&LOS 2, 02/06/99 LR&TD 1, 02/08/99 H&PH 1, 02/14/99 JT 2
Bewick's Wren	01/30/99 TD et al. 1
House Wren	01/02/99 LR&MH 1, 01/02/99 LR&MH 1, 02/06/99 LR&TD 1
Winter Wren	01/02/99 LR&MH 1, 01/30/99 TD et al. 1, 01/30/99 LOS 1, 01/30/99 HH&LOS 1
Sedge Wren	01/30/99 LOS 4, 01/31/99 CL, J&JAK 2
Marsh Wren	01/30/99 TD et al. 4
Golden-crowned Kinglet	01/02/99 LR&MH 1, 01/30/99 TD et al. 1; 01/30/99 HH&LOS 1; 01/30/99 LOS 2; 01/31/99 J&JT 1; 02/14/99 JT 2
Ruby-crowned Kinglet	01/02/99 LR&MH 3; 01/02/99 LR&MH 5; 01/02/99 LR&MH 2; 01/02/99 LR&MH 2; 01/02/99 LR&MH 1; 01/02/99 LR&MH 2; 01/30/99 TD et al. 1; 01/30/99 HH&LOS 6; 01/30/99 LOS 2; 01/31/99 HH&LOS 5; 02/06/99 LR&TD 1
Eastern Bluebird	01/02/99 LR&MH 5, 01/02/99 LR&MH 21, 01/02/99 LR&MH 6, 01/24/99 JT 4, 01/22/99 E&SH 3, 01/24/99 JT 18, 01/24/99 J&JT 1, 01/24/99 JT 13, 01/24/99 E&SH 9, 01/24/99 JT 9, 01/24/99 J&JT 1, 01/30/99 TD et al. 1, 01/30/99 PD&LOS 20, 01/30/99 HH&LOS 13, 01/30/99 LOS 7, 01/31/99 HH&LOS 10, 01/31/99 J&JT 6, 02/04/99 JT 2, 02/04/99 JT 6, 02/04/99 JT 1, 02/04/99 JT 5, 02/06/99 J&JT 18, 02/06/99 J&JT 6, 02/06/99 LR&TD 1, 02/08/99 H&PH 4, 02/16/99 JT 2
Hermit Thrush	01/02/99 LR&MH 1, 01/02/99 LR&MH 2, 01/30/99 HH&LOS 2, 01/31/99 HH&LOS 3
American Robin	01/02/99 LR&MH 11, 01/02/99 LR&MH 5, 01/02/99 LR&MH 103, 01/02/99 LR&MH 2, 01/02/99 LR&MH 30, 01/02/99 LR&MH 27, 01/02/99 LR&MH 38, 01/22/99 E&SH 38, 01/24/99 JT 2, 01/24/99 JT 63, 01/24/99 JT 9, 01/24/99 JT 4, 01/24/99 E&SH 27, 01/24/99 J&JT 25, 01/30/99 PD&LOS 300, 01/30/99 TD et al. 1, 01/30/99 HH&LOS 15, 01/30/99 LOS 380, 01/31/99 HH&LOS 40, 01/31/99 J&JT 25, 01/31/99 CL, J&JAK 1200, 01/31/99 CL, J&JAK 175, 02/03/99 CL 60, 02/04/99 JT 2, 02/04/99 JT 11, 02/04/99 JT 18, 02/06/99 BSG 18, 02/06/99 J&JT 10, 02/06/99 BSG 18, 02/06/99 LR&TD 2, 02/08/99 H&PH 20, 02/14/99 JT 325, 02/16/99 JT 34, 02/16/99 JT 1
Gray Catbird	01/02/99 LR&MH 1
Northern Mockingbird	01/02/99 LR&MH 1, 01/02/99 LR&MH 1, 01/02/99 LR&MH 2, 01/02/99 LR&MH 3, 01/02/99 LR&MH 2, 01/02/99 LR&MH 2, 01/22/99 E&SH 2, 01/24/99 J&JT 1, 01/24/99 E&SH 2, 01/24/99 JT 1, 01/30/99 TD et al. 1, 01/30/99 PD&LOS 3, 01/30/99 LOS 4, 01/30/99 HH&LOS 2, 01/31/99 HH&LOS 4, 01/31/99 J&JT 2, 02/06/99 BSG 2, 02/06/99 LR&TD 2, 02/08/99 H&PH 4, 02/14/99 JT 1
Brown Thrasher	01/02/99 LR&MH 2, 01/02/99 LR&MH 1, 01/02/99 LR&MH 1, 01/30/99 TD et al. 1, 01/30/99 HH&LOS 1, 01/30/99 LOS 2, 02/06/99 LR&TD 1, 02/14/99 JT 2, 02/16/99 JT 1
European Starling	01/02/99 LR&MH 9, 01/02/99 LR&MH 4, 01/22/99 E&SH 5, 01/24/99 JT 30, 01/24/99 J&JT 15, 01/30/99 TD et al. 1, 01/30/99 LOS 22, 01/30/99 HH&LOS 6, 01/31/99 HH&LOS 6, 01/31/99 J&JT 3, 02/04/99 JT 33, 02/04/99 JT 59, 02/04/99 JT 2, 02/06/99 J&JT 150, 02/06/99 BSG 200, 02/08/99 H&PH 4, 02/16/99 JT 150
American Pipit	01/24/99 JT 19, 01/24/99 J&JT 120, 01/24/99 J&JT 65, 01/30/99 TD et al. 25, 01/30/99 PD&LOS 15, 01/30/99 TD et al. 5, 01/31/99 CL, J&JAK 3, 01/31/99 J&JT 60, 02/02/99 H&PH 25, 02/03/99 CL 350, 02/06/99 J&JT 75, 02/06/99 LR&TD 50, 02/10/99 TD&WJ 2, 02/16/99 JT 16
Cedar Waxwing	01/02/99 LR&MH 1, 01/30/99 PD&LOS 30, 01/30/99 HH&LOS 20, 01/30/99 LOS 50, 01/31/99 HH&LOS 12
Orange-crowned Warbler	01/02/99 LR&MH 1; 01/30/99 LOS 1, 01/31/99 J&JT 1
Yellow-rumped Warbler	01/02/99 LR&MH 11; 01/02/99 LR&MH 1; 01/02/99 LR&MH 3; 01/02/99 LR&MH 1; 01/22/99 E&SH 6; 01/24/99 JT 1; 01/24/99 J&JT 10; 01/24/99 E&SH 12; 01/30/99 PD&LOS 150; 01/30/99 TD et al. 1; 01/30/99 LOS 3; 01/30/99 HH&LOS 8; 01/31/99 HH&LOS 6; 01/31/99 J&JT 1; 02/06/99 LR&TD 6; 02/08/99 H&PH 4; 02/14/99 JT 35; 02/16/99 JT 2
Pine Warbler	01/02/99 LR&MH 1, 01/24/99 E&SH 3, 01/30/99 TD et al. 1, 01/30/99 HH&LOS 40, 01/30/99 LOS 5, 01/31/99 HH&LOS 27, 02/08/99 H&PH 1, 01/23/99 J&JT 1, 01/24/99 J&JT 1, 01/30/99 PD&LOS 1
Common Yellowthroat	01/30/99 TD et al. 1, 01/30/99 LOS 1, 02/06/99 J&JT 1
Eastern Towhee	01/02/99 LR&MH 1, 01/02/99 LR&MH 1, 01/30/99 LOS 1, 02/06/99 LR&TD 1
Chipping Sparrow	1/02/99 LR&MH 10, 01/02/99 LR&MH 1, 01/02/99 LR&MH 1, 01/02/99 LR&MH 20, 01/30/99 TD et al. 1, 01/30/99 HH&LOS 30, 01/30/99 LOS 4, 01/31/99 HH&LOS 18, 02/08/99 H&PH 15, 02/16/99 JT 24
Field Sparrow	01/02/99 LR&MH 1, 01/24/99 BW 1, 01/30/99 PD&LOS 12
Vesper Sparrow	01/24/99 BW 1
Savannah Sparrow	01/24/99 J&JT 50, 01/24/99 JT 1, 01/24/99 J&JT 10, 01/24/99 BW 1, 01/30/99 TD et al. 1, 01/30/99 PD&LOS 100, 01/31/99 CL, J&JAK 60, 01/31/99 J&JT 4, 01/31/99 HH&LOS 6, 02/02/99 H&PH 12, 02/03/99 CL 25, 02/06/99 J&JT 2, 02/06/99 LR&TD 15, 02/06/99 BSG 24, 02/16/99 JT 26
LeConte's Sparrow	01/30/99 PD&LOS 5, 01/30/99 LOS 3, 01/31/99 CL, J&JAK 25, 02/06/99 BSG 4
Fox Sparrow	01/30/99 TD et al. 3, 02/06/99 LR&TD 2
Song Sparrow	01/02/99 LR&MH 4, 01/02/99 LR&MH 10, 01/02/99 LR&MH 2, 01/02/99 LR&MH 5, 01/02/99 LR&MH 2, 01/02/99 LR&MH 2, 01/02/99 LR&MH 2, 01/24/99 JT 1, 01/24/99 BW 1, 01/30/99 TD et al. 1, 01/30/99 PD&LOS 25, 01/30/99 LOS 5, 01/30/99 HH&LOS 4, 01/31/99 HH&LOS 5, 01/31/99 CL, J&JAK 2, 02/02/99 H&PH 6, 02/04/99 JT 7, 02/06/99 BSG 6, 02/06/99 LR&TD 4, 02/08/99 H&PH 2, 02/16/99 JT 1
Lincoln's Sparrow	01/24/99 BW 1
Swamp Sparrow	01/02/99 LR&MH 1, 01/02/99 LR&MH 1, 01/24/99 BW 1, 01/30/99 TD et al. 1, 01/30/99 TD et al. 5, 01/30/99 PD&LOS 4, 01/30/99 LOS 5, 01/31/99 HH&LOS 3, 01/31/99 CL, J&JAK 1, 02/06/99 BSG 12, 02/06/99 LR&TD 2
White-throated Sparrow	01/02/99 LR&MH 8; 01/02/99 LR&MH 2; 01/02/99 LR&MH 9; 01/02/99 LR&MH 13; 01/02/99 LR&MH 11; 01/02/99 LR&MH 1; 01/02/99 LR&MH 3; 01/24/99 E&SH 1; 01/24/99 BW 1; 01/30/99 PD&LOS 29; 01/30/99 TD et al. 1; 01/30/99 HH&LOS 14; 01/30/99 LOS 11; 01/31/99 HH&LOS 8; 01/31/99 J&JT 1; 02/06/99 BSG 4; 02/06/99 LR&TD 5; 02/08/99 H&PH 5; 02/14/99 JT 15
Harris' Sparrow	01/24/99 BW 1, 02/08/99 H&PH 1
White-crowned Sparrow	01/02/99 LR&MH 1; 01/02/99 LR&MH 1; 01/02/99 LR&MH 2; 01/24/99 BW 1; 01/30/99 PD&LOS 40; 01/30/99 TD et al. 1; 01/31/99 J&JT 2; 01/31/99 HH&LOS 5; 02/06/99 BSG 40; 02/06/99 LR&TD 3; 02/08/99 H&PH 3
Dark-eyed Junco	01/02/99 LR&MH 2, 01/02/99 LR&MH 22; 01/02/99 LR&MH 31; 01/30/99 TD et al. 1; 01/30/99 PD&LOS 10; 01/30/99 LOS 22; 01/31/99 HH&LOS 12
Lapland Longspur	02/02/99 H&PH 275, 02/03/99 CL 3, 02/06/99 LR&TD 150, 02/10/99 TD&WJ 101, 02/10/99 W&CJ 102, 02/16/99 JT 60
Northern Cardinal	01/02/99 LR&MH 9, 01/02/99 LR&MH 2, 01/02/99 LR&MH 6, 01/02/99 LR&MH 1, 01/02/99 LR&MH 4, 01/02/99 LR&MH 3, 01/24/99 JT 1, 01/24/99 E&SH 5, 01/30/99 TD et al. 1, 01/30/99 PD&LOS 10, 01/30/99 LOS 10, 01/30/99 HH&LOS 9, 01/31/99 HH&LOS 9, 01/31/99 J&JT 1, 02/06/99 LR&TD 2, 02/06/99 BSG 4, 02/08/99 H&PH 8, 02/14/99 JT 18, 02/16/99 JT 1
Red-winged Blackbird	01/02/99 LR&MH 100; 01/02/99 LR&MH 8; 01/02/99 LR&MH 50; 01/02/99 LR&MH 4; 01/02/99 LR&MH 50; 01/24/99 JT 15; 01/24/99 JT 430; 01/24/99 J&JT 1; 01/24/99 JT 22; 01/24/99 JT 25; 01/30/99 TD et al. 1; 01/30/99 TD et al. 1; 01/30/99 PD&LOS 60; 01/30/99 TD et al. 1; 01/30/99 LOS 80; 01/30/99 HH&LOS 35; 01/31/99 HH&LOS 22; 01/31/99 J&JT 400; 02/02/99 H&PH 50; 02/04/99 JT 79; 02/04/99 JT 13; 02/04/99 JT 15; 02/04/99 JT 2; 02/06/99 J&JT 30; 02/06/99 LR&TD 3; 02/06/99 BSG 150; 02/14/99 JT 250; 02/16/99 JT 2; 02/16/99 JT 750; 02/16/99 JT 117
Eastern Meadowlark	01/02/99 LR&MH 1, 01/02/99 LR&MH 14, 01/24/99 J&JT 6, 01/24/99 J&JT 6, 01/24/99 JT 13, 01/24/99 JT 2, 01/30/99 TD et al. 50, 01/30/99 TD et al. 1, 01/30/99 PD&LOS 40, 01/30/99 TD et al. 1, 01/30/99 LOS 1, 01/31/99 HH&LOS 2, 01/31/99 J&JT 25, 02/02/99 H&PH 6, 02/03/99 CL 5, 02/04/99 JT 4, 02/04/99 JT 1, 02/06/99 J&JT 35, 02/06/99 J&JT 4, 02/06/99 BSG 6, 02/06/99 LR&TD 5, 02/08/99 H&PH 7, 02/10/99 TD&WJ 2, 02/16/99 JT 2, 02/16/99 JT 8, 02/16/99 JT 1
Western Meadowlark	01/30/99 TD et al. 7, 01/30/99 PD&LOS 1, 02/03/99 CL 21, 02/06/99 LR&TD 1
Rusty Blackbird	01/31/99 J&JT 4, 01/31/99 CL, J&JAK 30
Brewer's Blackbird	01/02/99 LR&MH 20, 01/02/99 LR&MH 50, 01/30/99 TD et al. 3, 01/31/99 HH&LOS 6, 02/06/99 J&JT 1
Common Grackle	01/02/99 LR&MH 10, 01/02/99 LR&MH 21, 01/22/99 E&SH 1, 01/24/99 J&JT 12, 01/24/99 JT 2, 01/24/99 JT 1, 01/30/99 PD&LOS 6, 01/30/99 TD et al. 1, 01/30/99 TD et al. 1, 01/30/99 LOS 120, 01/30/99 HH&LOS 12, 01/31/99 J&JT 2, 02/06/99 J&JT 2, 02/08/99 H&PH 25, 02/14/99 JT 135
Brown-headed Cowbird	01/02/99 LR&MH 25; 01/30/99 PD&LOS 300; 01/30/99 TD et al. 1; 01/30/99 HH&LOS 4; 01/31/99 J&JT 150; 02/02/99 H&PH 40; 02/06/99 BSG 20; 02/06/99 J&JT 1; 02/14/99 JT 3

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Common Name	Data
Purple Finch	02/08/99 H&PH 1
House Finch	01/30/99 PD&LOS 5, 01/30/99 LOS 4
Pine Siskin	01/30/99 LOS 1, 01/30/99 PD&LOS 1, 01/30/99 HH&LOS 4, 01/31/99 HH&LOS 2, 01/31/99 PD 40, 02/06/99 WJ 11, 02/07/99 WJ 9, 02/08/99 H&PH 1
American Goldfinch	01/02/99 LR&MH 2, 01/02/99 LR&MH 1, 01/02/99 LR&MH 2, 01/02/99 LR&MH 2, 01/02/99 LR&MH 27, 01/22/99 BW 1, 01/30/99 TD et al. 1, 01/30/99 TD et al. 1, 01/30/99 LOS 56, 01/30/99 PD&LOS 70, 01/30/99 HH&LOS 275, 01/31/99 HH&LOS 250, 02/06/99 LR&TD 1, 02/08/99 H&PH 45
House Sparrow	01/24/99 BW 1, 01/24/99 J&JT 2, 01/30/99 TD et al. 1, 01/30/99 PD&LOS 1, 01/30/99 LOS 5, 01/31/99 J&JT 2, 02/08/99 H&PH 1

Printed 1,130 records of 127 species.



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