



BIRD STUDY GROUP NEWSLETTER

Volume 12, Number 7
March 2, 1998

Bird Alert Service: Phone 318, 797-5338, 24 hrs/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

NEXT MEETING

March 10, 1998

6:30 p.m.

BOLEROS, BUDDAHS, & BINOCULARS

**Looking for Birds in Spain and Thailand
while Learning about Jet Lag**

**John L. Darling
Arlington, Texas**

FIELD TRIPS

Bodcau Bayou Camp-out - March 14-15

Loggy Bayou WMA - March 28

Soda Lake - April 4

BOARD OF DIRECTORS

1997-1998

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| Vice-president | Larry Raymond (1) | 929-2806 W, 929-3117 H |
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MEMBERS AT LARGE

| | |
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| Donna Burney (2) | 742-6829 H |
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| Mac Hardy (2) | 797-5338 W, 687-6738 H |
| Roy Henderson (2) | 861-7449 H |
| Hubert Hervey (3) | 925-9249 H |
| Vicki LeFevers (2) | 869-5088 W, 861-4533 H |
| Rosemary Seidler (1) | 869-5231 W, 424-2972 H |
| Will Smolenski (2) | 865-2938 H |
| Judy Townes (3) | 929-4106 W, 865-7412 H |
| Gay Vekovius (1) | 676-5156 W, 861-4640 H |
| Open Seat (1) | |

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 | 929-2806W, 929-3117 H |
| 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, 742-5067 H |
| HOSPITALITY and SPECIAL EVENTS | Louretta Soule | 868-3259 H |
| | June Haynie | 868-5441 H |
| | True Mann | 903-753-3334 H |
| | Marty Carroll | 797-8489 W, 746-2235 H |
| MEMBERSHIP | Shirley Huss | 865-5959 H |
| NEWSLETTER | Jim Ingold | 797-5236 W, 742-5067 H |
| BEGINNING BIRDERS | Vicki LeFevers | 869-5088 W, 861-4533 H |
| | Jeff Trahan | 869-5217 W, 868-7360 H |
| PHONE TREE | Rosemary Seidler | 869-5231 W, 424-2972H |
| PROGRAMS | Larry Raymond | 929-2806W, 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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FIELD TRIPS

March 14 & 15 - Two day camp-out at Bodcau Bayou.
Contact person: Hubert Hervey.

March 28 - Loggy Bayou WMA. Contact person: Terry Davis.

April 4 - Soda Lake. Contact person: TBA

April 17-19 - Atchafalaya Basin Canoe Trip. Contact persons: Hubert Hervey and Vernon Miller

Editors note: For details on these trips, see Upcoming Field Trips on page 5 of this newsletter.

Terry Davis: 741-1115
Hubert Hervey: 925-9249
Vernon Miller: 865-0152

ABOUT THE PROGRAM

John Darling worked for a number of years in a biological research museum in the basement. During this subterranean period, he supplemented his income by testing horse meat for trichinella, sweeping and mopping in a pottery studio, and assessing the environmental implications of building airports in cotton fields. For some time now John has been learning how to be a junior assistant medical editor and tagging along after his wife as she takes business trips.

Use your Kroger Card

SPECIAL SEMINAR IN MARCH

Randall J. Breitwisch, Associate Professor of Biology at the University of Dayton, will be presenting a special seminar entitled: "Parental Care and Sexual Selection in Mockingbirds and Cardinals." This seminar, co-sponsored by the Bird Study Group and the Department of Biological Sciences at LSUS will be held at 7:00 p.m. in the Science Lecture Auditorium on the LSUS campus on Thursday, 19 March 1998.

Dr. Breitwisch received his Ph.D. in Biology in 1987 from the University of Miami, a Master's degree in zoology (1982) from the University of Michigan and completed his undergraduate work in biology with honors in 1973 at the University of Miami. His research interests include: Parental care and sexual selection in monogamous species; communication; social behavior; ontogeny of behavior; fruit-frugivore interactions, and conservation biology. His many publications include: *Anthurium* fruit as a food of **White-bearded Manakins**. *Ibis* 116: 365; Why do **Northern Mockingbirds** feed fruit to their nestlings? *Condor* 86: 281-287; Parental investment by the **Northern Mockingbird**: male and female roles in feeding nestlings. *Auk* 103: 152-159; **Northern Mockingbird**. Pp. 1-26 in *The Birds of North America*, No. 7. (A. Poole, P. Stettenheim, and F. Gill, Eds.). American Ornithologists' Union, Philadelphia.

VOLUNTEER OPPORTUNITIES FOR BIRDERS IN 1998

How would you like to monitor birds in Bolivia or band **Red-cockaded Woodpeckers** in Georgia? The American Birding Association has just published the Volunteer Opportunities for Birders 1998 Directory. It is available in the Bird Study Group Library. See Jim Ingold, BSG librarian, for details.

BIRD RECORD WORKERS NEEDED

The newsletter needs members who can enter bird records in the BSG bird record database. If you are interested in helping, contact Mac Hardy. Mac will train you in use of the software and the computer.

ADDITION TO BIRDING HOT SPOTS**CYPRESS & BLACK
BAYOU RESERVOIRS,
BOSSIER PARISH****Including Cypress Lake Recreation Area**by **Hubert Hervey**

How to get there: From I-220 in Bossier City, proceed north on Airline Road. Go about 5.5 miles and turn right on Linton Road. After you have gone three miles, watch for the Cypress Lake Recreation Area sign. The roads and trails in the recreation area are an excellent place to become familiar with the birds of our woods and waters. This should be your main destination. The entire lake complex can be circled by continuing north on Linton Road, right on LA 162, right on Crouch Road, and right on Parks Road, which will return you to Linton Road. Black Bayou Reservoir access is provided by a boat ramp off Palmetto Road.

The recreation area is open to the public for a small fee. The hours vary with the season. Proceed to the Nature Center, which provides interesting exhibits. The park naturalist is often on hand to assist you. An excellent mounted waterfowl exhibit of over 100 ducks and geese is on display. Several nature trails start at the Nature Center. The habitat is mostly mixed forest, with some open fields of grass, and lots of shoreline and water access. Camping facilities are provided, boat ramps are available, a bathing beach and swimming area is popular in the summer, a marina and supply store is sometimes open, and fishing is a favorite pastime. Cabins and group outing facilities are often in use. Summer is the busy season for campers.

Birds of the woodlands include: **Red-shouldered Hawk, Acadian Flycatcher, Eastern Phoebe, Fish Crow, Brown-headed, Red-breasted, and White-breasted Nuthatch, Brown Creeper, Wood and Hermit Thrush, Blue-headed Vireo, Pine and Kentucky Warbler, and Purple Finch.**

Birds recorded on the water include seventeen species of ducks, **Common Loon** and **Horned Grebe.**

Bald Eagle can be seen all year, as they nest just to the north of the campground. The nest, in a large pine tree, may be observed by scoping north, from the north shoreline of the camping area. **Osprey** are also present during migration.

The Bird Study Group has recorded 154 species of birds for this immediate area, as of February 1998.

As you travel around the lake, three stops are recommended: (1) the boat ramp parking area on LA 162, (2) the boat ramp parking area on Parks Road and (3) the flooded woods below the spillway on Parks Road. This last location is an excellent place to put in a canoe or small powerboat and explore the several square miles of flooded timber downstream. A labyrinth of waterways connects this area with swamps below Bodcau Bayou Dam. This entire area is being considered as mitigation land to be added to the public lands by the Army Corps of Engineers.

Specialties: **Horned Grebe, Common Loon, Bald Eagle, Brown-headed, Red-breasted, and White-breasted Nuthatch, Blue-headed Vireo, and Purple Finch.**

**RED RIVER
EXPERIMENTAL
RESEARCH STATION
FIELD TRIP RESULTS**By **Jim Ingold**

The annual Bird Study Group Field Trip to the Red River Experimental Research Station, 21 February 1998, was a success! Seven members enjoyed a warm sunny Saturday looking at field and edge birds. We were able to get good looks at a **Lapland Longspur** that flew overhead a couple of times while giving its diagnostic rattle like call. The bird eventually landed close to the group where most were able to get good looks through a spotting scope. We were able to see many **Savannah Sparrow** and a few **Lark** and **Vesper Sparrows**. The highlight of the trip was hunting down singing **Western Meadowlark**. We had an informative time trying to identify the yellow cheek on **Western Meadowlark**, which is one of the supposed field marks. Our singing **Western Meadowlark** "did not" seem to have the yellow up on the cheek.

After birding the research station, we traveled to Lock and Dam No. 5 with a quick stop off at Clark's Marina. At the marina we had a flock of 200 (est.) **Snow Goose** (ca. 50:50 blue:white) fly over and a large flock of **American White Pelican** lounging on a sandbar in the river. While leaving the marina, where the road intersects with U.S. 71, we stopped to see **Common Snipe** and **Killdeer** and a flock of 200 **Killdeer** flew up and crossed the road.

At Lock and Dam No. 5, we spent a long time birding in an area of cattails along the levee. The day before, Terry Davis had seen and heard **Virginia Rail** and **Sora**. We were able to see or hear 4 **Sora** and one **Virginia Rail**, a **Marsh Wren**, a **Common Yellowthroat**, and a flock of 16 **Green-winged Teal**. Further along the road toward the

dam, we had 5 **Black-crowned Night-Heron**, some in adult plumage and others in immature plumage. On the dirt road past the dam, we saw and followed an unidentified wren among the rocks along the river's bank. Behavior led us to believe that the bird might be a **Rock Wren**. We were however, never able to get good enough looks for confirmation. I went out on Tuesday morning to get a better look, and even though I saw the bird, identification was not possible. Charlie Lyon went out on Wednesday afternoon and identified a **House Wren** in the same area. So it seems that our possible **Rock Wren** might have been a **House Wren** who decided to live among the rocks!

UPCOMING FIELD TRIPS

March 14-15 - Two day camp out at Bodcau Bayou. Bring your camping equipment, canoe or boat and join us as we look for **Wild Turkey** and **Red-cockaded Woodpecker**. This is a wonderful time of the year to enjoy the Bodcau Bayou area, the largest and most important WMA in our area. The main camping area is now a fee use area, with a small fee charged for using the facility. It is located on the left side of the road below the dam. If you don't camp, join us early in the morning to enjoy good birding. This could be an opportunity to prepare your camping gear for the Atchafalaya Basin trip the following week-end. Contact person: Hubert Hervey 925-9249.

March 28 - Loggy Bayou WMA - This unique area has **Wild Turkey**, raptors and ducks. Early season migrants can also be expected. It has been three years since our group has birded this woodland. Expect medium walking. Leave from the LSUS parking lot at 7:00 a.m. Leader: Terry Davis 741-1115.

April 4 - Soda Lake - Resident woodland species should be returning and late wintering birds could still be present, along with some migrants. The habitat is woods, brush and water. Some years a wading bird rookery is located here. Expect medium walking. Leave North Market Street WhatABurger at 7:00 a.m. Leader: TBA.

April 17, 18 and 19 - Atchafalaya Basin Canoe Trip - Our club and the Ozark Society will travel to a beautiful section of the Atchafalaya Swamps, selected by Charles Fryling, our leader from Baton Rouge. Three choices of accommodations are suggested: (1) primitive camping, at Sherbourne WMA, (2) Frenchman's Wilderness Campground, near Butte La Rose, and (3) Best Western Motel, at the Breaux Bridge exit of I-10. Full details will be available at the next meeting, March 10. Call Hubert Hervey at 925-9249 or Vernon Miller at 865-0152.

CHENEYVILLE TRIP REPORT

By Hubert Hervey

On February 7, 1997, the Bird Study Group enjoyed good birding in the Cheneyville area. Since our database does not extend to Rapides Parish, I decided to have our trip list printed in the newsletter so you'll know what great birds we saw.

| | |
|--------|------------------------------------|
| 2 | Pied-billed Grebe |
| 10 | Double-crested Cormorant |
| 1 | Neotropic Cormorant |
| 2 | Great Blue Heron |
| 30 | Great Egret |
| 400 | White Ibis |
| 4 | Turkey Vulture |
| 400 | Greater White-fronted Goose |
| 20,000 | Snow Goose |
| 4 | Green-winged Teal |
| 25 | Mallard |
| 250 | Northern Pintail |
| 500 | Northern Shoveler |
| 2 | Ring-necked Duck |
| 10 | Northern Harrier |
| 3 | Red-shouldered Hawk |
| 20 | Red-tailed Hawk |
| 9 | American Kestrel |
| 80 | American Coot |
| 264 | Sandhill Crane |
| 125 | Killdeer |
| 4 | Greater Yellowlegs |
| 3 | Lesser Yellowlegs |
| 70 | Least Sandpiper |
| 15 | Short-billed Dowitcher |
| 12 | Ring-billed Gull |
| 80 | Rock Dove |
| 1 | Mourning Dove |
| 1 | Barred Owl |
| 1 | Belted Kingfisher |
| 1 | Red-bellied Woodpecker |
| 1 | Yellow-bellied Sapsucker |
| 6 | Eastern Phoebe |
| 15 | Loggerhead Shrike |
| 4 | Blue Jay |
| 30 | American Crow |
| 50 | Fish Crow |
| 2 | House Wren |
| 1 | Sedge Wren |
| 3 | Ruby-crowned Kinglet |
| 1 | Blue-gray Gnatcatcher |
| 1 | Eastern Bluebird |
| 1 | American Robin |
| 7 | Northern Mockingbird |
| 12 | European Starling |

| | |
|-----|------------------------|
| 60 | American Pipit |
| 1 | Orange-crowned Warbler |
| 8 | Yellow-rumped Warbler |
| 1 | Common Yellowthroat |
| 220 | Savannah Sparrow |
| 25 | Song Sparrow |
| 10 | Swamp Sparrow |
| 10 | White-throated Sparrow |
| 20 | White-crowned Sparrow |
| 8 | Northern Cardinal |
| 300 | Red-winged Blackbird |
| 24 | Eastern Meadowlark |
| 2 | Common Grackle |
| 150 | Brown-headed Cowbird |

Total species count: 59.

BSG PORTFOLIOS ARE AVAILABLE

If you ordered a BSG portfolio, you may pick it up at the next meeting. Final cost is \$ 25.00.

MINUTES OF THE FEBRUARY MEETING
February 10, 1998, 7:00 p.m.
Museum of Life Sciences at LSUS

PROGRAM: The speakers were Donna Dittmann and Steve Cardiff who spoke about "Documenting Rare Birds."

NEW BUSINESS: The membership voted to approve the purchase of the portfolios to be given to speakers.

COMMITTEE REPORTS

Treasurer's Report: The balance at Hibernia in December 1997 was \$981.74. The club has \$55.54 at LSUS printing office and \$104.06 at the post office. Disbursements for the month were \$58.54. The club recently received a check from Kroger for \$100.88, so keep shopping at Kroger and use your cards.

Membership: Shirley Huss reported that the club has about 197 members on record.

Programs: Larry Raymond reported that John Darling would be the speaker next month. He may speak on the birds of Thailand.

Field Trips: Hubert Hervey said that the canoe trip in the Atchafalaya Basin would be March 21 and passed out a sign-up sheet. The outing to the Red River Experimental Station will be February 21, and bird banding at Paul Dickson's farm will be February 28.

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BIRD NOTES – FEBRUARY

Compiled February 26, 1998

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, etc. For example: 09/15/96 PD 3 means that on 15 September 1996 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, with verification where necessary.

OBSERVERS

| Abbreviation | Name | Date and Place |
|--------------|---------------------------------|--|
| AB | Athic Bell | 01/20/98 Shreveport, residence. |
| BSG | Bird Study Group | 02/07/98 Along I-49, 02/21/98 Clark's Landing and Lock and Dam No. 5 on Red River, 2/21/98 Red River Experiment Station. |
| BW | Bobbe Wommack | 02/12/98 Shreveport, residence. |
| DM&PH | Dorothy Metzler & Peggy Harding | 02/14/98 Brewster's Landing, Cross Lake. |
| GF | Gloria Frantom | 01/31/98 Blanchard Rd. (LA 173) at Dixie, 02/02/98 Blanchard, residence. |
| HB&RH | Hazel Bluhm and Ruth Hunt | 02/07/98 Brewster's Landing, Cross Lake. |
| HHOo | Helen Hood | 01/15/98 Shreveport, residence, 01/18/98 Shreveport, American Legion at South Lakeshore Drive, 01/21/98 Shreveport, residence, 01/25/98 Shreveport, residence, 01/31/98 Shreveport, Linwood Ave at I-49, 01/31/98 Shreveport, South Lakeshore Drive, 02/02/98 Shreveport, residence, 02/05/98 Shreveport, residence. |
| H&PH | Hubert and Pat Hervey | 02/09/98 Stonewall, Hervey Dairy Farm, 02/12/98 North Toledo Bend, 02/17/98 I-49 borrow pits, 02/22/98 Stonewall, Hervey Dairy Farm, 02/24/98 Brewster's Landing, Cross Lake. |
| J,J&KT&RS | J., J. & K. Trahan & R. Seidler | 01/25/98 I-49, MM 132. |

| Abbreviation | Name | Date and Place |
|--------------|--------------------------------------|--|
| JI | Jim Ingold | 01/04/98 BCBCBC: Evangeline Dr., 01/04/98 BCBCBC: Parish Camp Rd., 01/04/98 BCBCBC: Pine Cove Rd., 01/04/98 BCBCBC: Sandidge Rd., 01/04/98 BCBCBC: Bistineau Lake Rd. (BP 402), 01/04/98 BCBCBC: LA 154 (Bienville side) + side roads, 01/04/98 BCBCBC: LA 154 (Bossier side), 01/23/98 Bossier City, Residence, 02/18/98 Bossier City, residence, 02/23/98 Bossier City, residence. |
| JI&TD | Jim Ingold and Terry Davis | 01/24/98 Bodcau Wildlife Management Area, 01/24/98 Brewster's Landing, Cross Lake, 01/24/98 North end Cypress Lake @ LA 162 Bridge, 02/17/98 Shreveport, Preston St., Champion Lake, and Elk Lodge. |
| J&JT | Jeff and Jean Trahan | 01/18/98 Brewster's Landing, Cross Lake, 01/18/98 Richard Fleming Park, Cross Lake, 01/18/98 Walter B. Jacobs Park, 02/09/98 Shreveport, residence. |
| LRR | Larry R. Raymond | 01/16/98 second-growth forest 3.5 mi. W, 1.1 mi. S Blanchard., 01/18/98 cutover area along Hosston Rodessa Rd. N of Adcock Rd., 01/19/98 Walter B. Jacobs Memorial Nature Park, 01/22/98 Walter B. Jacobs Memorial Nature Park, 02/05/98 Walter B. Jacobs Memorial Nature Park, 02/12/98 Walter B. Jacobs Memorial Nature Park, 02/15/98 Shreveport, 6675 North Park Creek. |
| LRR,SC&DD | L. Raymond, S. Cardiff, & D. Dittman | 02/11/98 Brewster's Landing along North Lakeshore Drive, Cross Lake. |
| M&MH | Mac and Marilyn Hardy | 02/08/98 Shreveport, Brewster's Landing, Cross Lake. |
| MH | Mac Hardy | 02/12/98 Shreveport, LSUS campus. |
| MT | Margo Tuller | 01/24/98 Shreveport, University Terrace (residence), 02/05/98 Shreveport, University Terrace (residence). |
| PLH | Pat L. Hervey | 02/10/98 Stonewall, Hervey Dairy Farm. |
| RS | Rosemary Seidler | 01/31/98 Shreveport, Cross Lake at Ford Park and boat launch, 01/31/98 Shreveport, Cross Lake at North Lakeshore Drive, 01/31/98 Shreveport, Tacoma/Lake Island Lane, 02/13/98 Wallace Lake Road, 02/14/98 Shreveport, Mallard Bay, Cross Lake, 02/14/98 Shreveport, North Lakeshore Drive, 02/14/98 Shreveport, West Lakeshore Drive/Richard Fleming Park |
| SH | Shirley Huss | 02/15/98 Shreveport, Cross Lake and North Lakeshore Drive. |
| T&SD,JI | Terry & Stella Davis, Jim Ingold | 02/22/98 Bossier City, various locations. |
| TD | Terry Davis | 01/19/98 Blanchard, Riverside Drive, 01/23/98 River Road, 01/25/98 Arthur Ray Teague Parkway, 01/27/98 Brewster's Landing, Cross Lake, 02/17/98 Progressive Men's Club, Cross Lake, 02/19/98 Brewster's Landing, Cross Lake, 02/20/98 Lock and Dam No. 5. |
| TD&DLH | Terry Davis and D. L. Hare | 02/16/98 Blanchard, 7420 Riverside Dr. (Hare residence). |
| WHS | W. H. Smolenski | 02/04/98 Shreveport, 526 Dunmoreland Dr. (residence). |

RECORDS

| Common Name | Date |
|---------------------------|--|
| Common Loon | 02/12/98 H&PH 1 |
| Pied-billed Grebe | 01/04/98 JI 1, 01/04/98 JI 3, 01/18/98 J&JT 6, 01/18/98 J&JT 2, 01/24/98 JI&TD 1, 01/24/98 JI&TD 2, 01/24/98 JI&TD 3, 01/27/98 TD 1, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/07/98 BSG 10, 02/08/98 M&MH 1, 02/10/98 PLH 1, 02/11/98 LRR,SC&DD 2, 02/12/98 H&PH 8, 02/14/98 RS 1, 02/17/98 JI&TD 4, 02/17/98 TD 3, 02/20/98 TD 12, 02/21/98 BSG 8, 02/22/98 H&PH 1, 02/24/98 H&PH 1 |
| American White Pelican | 01/31/98 RS 28, 02/12/98 H&PH 6, 02/20/98 TD 52, 02/21/98 BSG 84, 02/24/98 H&PH 30 |
| Double-crested Cormorant | 01/04/98 JI 17, 01/04/98 JI 3, 01/04/98 JI 2, 01/18/98 J&JT 1, 01/24/98 JI&TD 2, 01/27/98 TD 5, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/07/98 HB&RH 3, 02/08/98 M&MH 6, 02/12/98 H&PH 21, 02/14/98 RS 1, 02/17/98 JI&TD 9, 02/17/98 TD 12, 02/20/98 TD 30, 02/21/98 BSG 250, 02/21/98 BSG 2, 02/22/98 H&PH 4, 02/24/98 H&PH 200 |
| Great Blue Heron | 01/04/98 JI 1, 01/04/98 JI 1, 01/04/98 JI 3, 01/18/98 J&JT 1, 01/24/98 JI&TD 2, 01/31/98 RS 1, 01/31/98 RS 1, 02/07/98 BSG 15, 02/10/98 PLH 2, 02/12/98 H&PH 6, 02/13/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 3, 02/17/98 JI&TD 1, 02/17/98 TD 2, 02/20/98 TD 11, 02/21/98 BSG 2, 02/21/98 BSG 2, 02/22/98 T&SD,JI 4, 02/22/98 H&PH 2 |
| Great Egret | 01/04/98 JI 4, 01/04/98 JI 1, 01/18/98 J&JT 2, 01/18/98 J&JT 1, 01/31/98 RS 1, 01/31/98 HHO 3, 01/31/98 RS 1, 01/31/98 RS 1, 02/07/98 HB&RH 2, 02/07/98 BSG 10, 02/08/98 M&MH 2, 02/10/98 PLH 1, 02/12/98 H&PH 2, 02/14/98 RS 2, 02/17/98 JI&TD 21, 02/17/98 TD 1, 02/20/98 TD 4, 02/21/98 BSG 1, 02/21/98 BSG 17, 02/22/98 T&SD,JI 4, 02/22/98 H&PH 1 |
| Cattle Egret | 02/07/98 BSG 21 |
| Black-crowned Night-Heron | 02/20/98 TD 7, 02/21/98 BSG 5 |
| Black Vulture | 01/04/98 JI 7, 01/18/98 J&JT 1, 01/18/98 J&JT 1, 01/31/98 RS 37, 02/12/98 H&PH 30, 02/14/98 RS 1, 02/14/98 RS 1, 02/21/98 BSG 2 |
| Turkey Vulture | 01/04/98 JI 3, 01/04/98 JI 1, 01/18/98 J&JT 8, 01/18/98 LRR 2, 01/18/98 J&JT 2, 01/19/98 LRR 1, 01/24/98 JI&TD 1, 01/24/98 JI&TD 5, 01/25/98 TD 2, 01/27/98 TD 1, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/08/98 M&MH 1, 02/10/98 PLH 2, 02/12/98 H&PH 20, 02/13/98 RS 2, 02/14/98 RS 1, 02/14/98 RS 1, 02/20/98 TD 8, 02/21/98 BSG 5, 02/21/98 BSG 1, 02/22/98 T&SD,JI 5, 02/22/98 H&PH 8, 02/24/98 H&PH 1 |
| Snow Goose | 02/17/98 H&PH 2, 02/21/98 BSG 200 |
| Wood Duck | 01/23/98 TD 6, 01/25/98 TD 15, 01/31/98 RS 1, 02/07/98 BSG 4, 02/12/98 H&PH 2, 02/12/98 BW 2, 02/17/98 JI&TD 23, 02/20/98 TD 10, 02/21/98 BSG 5 |
| Green-winged Teal | 02/12/98 H&PH 4, 02/21/98 BSG 16 |
| Mallard | 01/04/98 JI 1, 01/04/98 JI 25, 01/31/98 RS 1, 02/07/98 BSG 6, 02/12/98 H&PH 2, 02/20/98 TD 2, 02/21/98 BSG 3 |
| Blue-winged Teal | 02/07/98 BSG 2 |
| Northern Shoveler | 02/17/98 JI&TD 5, 02/17/98 H&PH 4 |
| Gadwall | 01/04/98 JI 12, 01/18/98 J&JT 1, 01/31/98 RS 1, 02/07/98 BSG 6, 02/17/98 JI&TD 27, 02/21/98 BSG 21 |
| American Wigeon | 02/12/98 H&PH 1, 02/20/98 TD 5, 02/21/98 BSG 1 |
| Canvasback | 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/08/98 M&MH 3, 02/12/98 H&PH 25, 02/17/98 H&PH 5 |
| Ring-necked Duck | 01/04/98 JI 4, 01/24/98 JI&TD 6, 02/07/98 BSG 100, 02/12/98 H&PH 16, 02/17/98 H&PH 8, 02/17/98 JI&TD 5, 02/20/98 TD 6 |
| Lesser Scaup | 01/04/98 JI 9, 01/31/98 RS 1, 01/31/98 RS 1, 02/12/98 H&PH 4, 02/17/98 H&PH 2, 02/17/98 TD 11, 02/20/98 TD 58, 02/21/98 BSG 40 |
| Bufflehead | 01/31/98 RS 1, 02/07/98 BSG 1 |
| Hooded Merganser | 01/04/98 JI 68, 01/18/98 J&JT 3, 01/24/98 JI&TD 3, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/08/98 M&MH 2, 02/14/98 RS 1, 02/17/98 TD 15, 02/17/98 H&PH 1 |
| Ruddy Duck | 01/04/98 JI 1, 01/31/98 RS 1, 02/12/98 H&PH 1, 02/14/98 RS 1 |
| Bald Eagle | 01/24/98 JI&TD 1, 01/31/98 RS 1, 02/07/98 BSG 1, 02/17/98 H&PH 1, 02/21/98 BSG 3, 02/21/98 BSG 2, 02/22/98 T&SD,JI 1 |
| Northern Harrier | 02/18/98 JI 1, 02/21/98 BSG 1, 02/22/98 T&SD,JI 1, 02/22/98 H&PH 1 |
| Sharp-shinned Hawk | 02/12/98 H&PH 1, 02/22/98 T&SD,JI 2 |
| Cooper's Hawk | 01/04/98 JI 1, 01/04/98 JI 1, 01/04/98 JI 3, 01/24/98 JI&TD 3, 01/25/98 HHO 1, 01/25/98 TD 1, 01/27/98 TD 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/12/98 H&PH 1, 02/13/98 RS 2, 02/14/98 RS 2 |
| Red-shouldered Hawk | 01/04/98 JI 2, 01/04/98 JI 1, 01/18/98 LRR 1, 01/23/98 TD 2, 01/24/98 JI&TD 2, 01/25/98 TD 1, 01/27/98 TD 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/07/98 HB&RH 1, 02/07/98 BSG 30, 02/12/98 H&PH 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/17/98 H&PH 4, 02/20/98 TD 2, 02/21/98 BSG 3, 02/21/98 BSG 6, 02/22/98 T&SD,JI 13 |
| American Kestrel | 01/04/98 JI 1, 01/04/98 JI 1, 01/31/98 RS 1, 02/12/98 H&PH 5, 02/14/98 RS 1, 02/21/98 BSG 3, 02/22/98 T&SD,JI 2 |
| Merlin | 02/09/98 H&PH 1, 02/12/98 H&PH 1 |
| Wild Turkey | 01/24/98 JI&TD 1 |
| Virginia Rail | 02/20/98 TD 3, 02/21/98 BSG 1 |

| Common Name | Data |
|-------------------------------|--|
| Sora | 02/20/98 TD 1, 02/21/98 BSG 4 |
| American Coot | 01/04/98 II 44, 01/04/98 II 200, 01/04/98 II 9, 01/04/98 II 200, 01/18/98 HHo 6, 01/18/98 J&JT 25, 01/18/98 J&JT 150, 01/24/98 JI&TD 200, 01/27/98 TD 13, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/07/98 HB&RH 100, 02/07/98 BSG 40, 02/08/98 M&M# 226, 02/11/98 LRR, SC&DD 4, 02/12/98 H&PH 200, 02/14/98 RS 1, 02/14/98 RS 1, 02/17/98 JI&TD 55, 02/20/98 TD 40, 02/21/98 BSG 300, 02/24/98 H&PH 50 |
| Killdeer | 01/04/98 II 1, 01/04/98 II 1, 01/24/98 JI&TD 3, 01/25/98 TD 5, 02/12/98 H&PH 2, 02/14/98 RS 4, 02/20/98 TD 6, 02/21/98 BSG 6, 02/21/98 BSG 250, 02/22/98 T&SD, II 12 |
| Spotted Sandpiper | 02/21/98 BSG 1 |
| Common Snipe | 01/24/98 JI&TD 1, 02/12/98 H&PH 1, 02/21/98 BSG 20, 02/22/98 T&SD, II 105 |
| American Woodcock | 01/16/98 LRR 1, 02/17/98 H&PH 1 |
| Bonaparte's Gull | 02/12/98 H&PH 1 |
| Ring-billed Gull | 01/04/98 II 2, 01/31/98 RS 1, 01/31/98 RS 1, 02/12/98 H&PH 2, 02/17/98 JI&TD 5, 02/20/98 TD 5, 02/21/98 BSG 2, 02/22/98 T&SD, II 202, 02/24/98 H&PH 5 |
| Forster's Tern | 01/31/98 RS 1, 02/21/98 BSG 3 |
| Rock Dove | 01/25/98 TD 5, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/04/98 WHS 9, 02/07/98 BSG 15, 02/07/98 BSG 25, 02/12/98 H&PH 100, 02/13/98 RS 1, 02/14/98 RS 1, 02/20/98 TD 2, 02/21/98 BSG 18, 02/21/98 BSG 15, 02/22/98 T&SD, II 58, 02/23/98 II 2 |
| Mourning Dove | 01/04/98 II 5, 01/04/98 II 3, 01/18/98 HHo 20, 01/18/98 J&JT 2, 01/23/98 TD 5, 01/24/98 JI 4, 01/24/98 MT 1, 01/25/98 TD 15, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/02/98 HHo 2, 02/02/98 GF 3, 02/04/98 WHS 42, 02/05/98 MT 4, 02/12/98 H&PH 14, 02/13/98 RS 1, 02/14/98 RS 1, 02/18/98 II 2, 02/20/98 TD 15, 02/21/98 BSG 8, 02/21/98 BSG 2, 02/22/98 T&SD, II 16, 02/23/98 II 2 |
| Inca Dove | 01/23/98 II 2, 02/18/98 II 2, 02/22/98 T&SD, II 3, 02/23/98 II 4 |
| Greater Roadrunner | 01/25/98 JI&KT&RS 1, 02/12/98 H&PH 1, 02/22/98 H&PH 1 |
| Eastern Screech-Owl | 01/31/98 RS 1 |
| Great Horned Owl | 01/04/98 II 1 |
| Barred Owl | 01/18/98 LRR 1, 02/24/98 H&PH 1 |
| Belted Kingfisher | 01/04/98 II 2, 01/23/98 TD 1, 01/24/98 JI&TD 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/07/98 BSG 1, 02/12/98 H&PH 4, 02/14/98 RS 2, 02/17/98 TD 1, 02/20/98 TD 1, 02/21/98 BSG 1, 02/21/98 BSG 2 |
| Red-headed Woodpecker | 01/18/98 LRR 1, 01/24/98 JI&TD 5, 02/07/98 BSG 1, 02/12/98 H&PH 1, 02/23/98 II 2 |
| Red-bellied Woodpecker | 01/04/98 II 5, 01/04/98 II 5, 01/04/98 II 1, 01/04/98 II 2, 01/04/98 II 1, 01/04/98 II 7, 01/15/98 HHo 1, 01/18/98 J&JT 2, 01/18/98 LRR 1, 01/18/98 J&JT 1, 01/18/98 J&JT 2, 01/19/98 LRR 1, 01/20/98 AB 1, 01/20/98 AB 1, 01/22/98 LRR 1, 01/23/98 TD 5, 01/24/98 JI&TD 5, 01/24/98 MT 1, 01/25/98 TD 3, 01/27/98 TD 2, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/02/98 GF 2, 02/05/98 LRR 1, 02/05/98 MT 1, 02/10/98 PLH 2, 02/12/98 LRR 1, 02/12/98 H&PH 2, 02/13/98 RS 3, 02/14/98 RS 4, 02/14/98 RS 4, 02/15/98 LRR 2, 02/16/98 TD&DLH 1, 02/17/98 TD 2, 02/17/98 JI&TD 1, 02/20/98 TD 7, 02/21/98 BSG 3, 02/22/98 T&SD, II 1, 02/22/98 H&PH 4 |
| Yellow-bellied Sapsucker | 01/04/98 II 1, 01/18/98 J&JT 1, 01/23/98 TD 1, 01/24/98 JI&TD 2, 01/24/98 MT 1, 01/25/98 TD 2, 01/27/98 TD 1, 01/31/98 RS 1, 02/04/98 WHS 2, 02/12/98 H&PH 1, 02/14/98 RS 2, 02/14/98 RS 1, 02/20/98 TD 1, 02/21/98 BSG 1, 02/22/98 T&SD, II 1 |
| Downy Woodpecker | 01/04/98 II 2, 01/04/98 II 1, 01/18/98 J&JT 1, 01/18/98 J&JT 1, 01/19/98 LRR 1, 01/23/98 TD 3, 01/23/98 II 1, 01/24/98 JI&TD 4, 01/25/98 TD 4, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/02/98 GF 2, 02/12/98 H&PH 2, 02/13/98 RS 1, 02/14/98 RS 2, 02/15/98 LRR 1, 02/20/98 TD 6, 02/21/98 BSG 1, 02/22/98 T&SD, II 1 |
| Hairy Woodpecker | 01/04/98 II 1, 01/24/98 JI&TD 1, 01/25/98 TD 2, 02/14/98 RS 1 |
| Northern Flicker | 01/04/98 II 1, 01/04/98 II 3, 01/04/98 II 8, 01/04/98 II 1, 01/04/98 II 3, 01/18/98 J&JT 1, 01/18/98 J&JT 1, 01/23/98 TD 2, 01/24/98 JI&TD 4, 01/25/98 TD 2, 01/27/98 TD 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/02/98 HHo 2, 02/04/98 WHS 1, 02/07/98 BSG 1, 02/10/98 PLH 1, 02/12/98 H&PH 2, 02/13/98 RS 2, 02/14/98 RS 1, 02/17/98 TD 1, 02/20/98 TD 3, 02/21/98 BSG 1, 02/22/98 H&PH 1, 02/23/98 II 1 |
| Pileated Woodpecker | 01/04/98 II 1, 01/04/98 II 1, 01/04/98 II 1, 01/04/98 II 1, 01/04/98 II 2, 01/24/98 JI&TD 3, 01/27/98 TD 1, 02/12/98 H&PH 2, 02/14/98 RS 1, 02/14/98 RS 2, 02/20/98 TD 2 |
| Eastern Phoebe | 01/04/98 II 1, 01/04/98 II 1, 01/04/98 II 2, 01/23/98 TD 4, 01/24/98 JI&TD 1, 01/25/98 TD 1, 01/27/98 TD 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/12/98 H&PH 2, 02/14/98 RS 2, 02/14/98 RS 2, 02/14/98 RS 2, 02/14/98 RS 2, 02/20/98 TD 9, 02/22/98 H&PH 1 |
| Loggerhead Shrike | 01/31/98 RS 1, 02/02/98 GF 1, 02/13/98 RS 2, 02/20/98 TD 1, 02/21/98 BSG 1, 02/21/98 BSG 1, 02/22/98 T&SD, II 7 |
| Blue-headed Vireo | 01/04/98 II 1 |
| Blue Jay | 01/04/98 II 2, 01/04/98 II 3, 01/04/98 II 7, 01/04/98 II 2, 01/15/98 HHo 2, 01/18/98 J&JT 2, 01/18/98 J&JT 2, 01/20/98 AB 3, 01/23/98 TD 12, 01/24/98 MT 1, 01/24/98 JI&TD 10, 01/25/98 TD 9, 01/27/98 TD 2, 01/31/98 RS 1, 01/31/98 RS 1, 02/02/98 GF 6, 02/04/98 WHS 5, 02/05/98 MT 2, 02/07/98 HB&RH 3, 02/10/98 PLH 2, 02/12/98 H&PH 8, 02/13/98 RS 1, 02/14/98 RS 5, 02/15/98 LRR 3, 02/17/98 TD 3, 02/18/98 II 1, 02/20/98 TD 4, 02/21/98 BSG 8, 02/22/98 T&SD, II 12, 02/22/98 H&PH 5, 02/24/98 H&PH 2 |
| American Crow | 01/04/98 II 4, 01/04/98 II 3, 01/04/98 II 7, 01/04/98 II 3, 01/04/98 II 3, 01/04/98 II 1, 01/04/98 II 9, 01/18/98 J&JT 1, 01/18/98 J&JT 6, 01/18/98 J&JT 1, 01/18/98 LRR 1, 01/23/98 TD 2, 01/24/98 JI&TD 10, 01/24/98 MT 4, 01/27/98 TD 2, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/07/98 HB&RH 4, 02/07/98 BSG 20, 02/07/98 BSG 5, 02/12/98 H&PH 26, 02/12/98 MH 1, 02/13/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/17/98 TD 2, 02/17/98 JI&TD 3, 02/20/98 TD 5, 02/21/98 BSG 1, 02/21/98 BSG 2, 02/22/98 T&SD, II 4, 02/22/98 H&PH 7, 02/24/98 H&PH 5 |
| Fish Crow | 01/04/98 II 35, 01/04/98 II 1, 01/04/98 II 24, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/07/98 BSG 125, 02/07/98 HB&RH 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/21/98 BSG 3, 02/22/98 H&PH 2, 02/22/98 T&SD, II 1, 02/24/98 H&PH 2 |
| Horned Lark | 02/22/98 T&SD, II 4 |
| Purple Martin | 02/09/98 J&JT 1, 02/20/98 TD 2, 02/23/98 II 2 |
| Northern Rough-winged Swallow | 02/20/98 TD 1 |
| Carolina Chickadee | 01/04/98 II 2, 01/04/98 II 5, 01/04/98 II 8, 01/04/98 II 6, 01/04/98 II 7, 01/04/98 II 17, 01/18/98 J&JT 5, 01/18/98 J&JT 2, 01/18/98 LRR 2, 01/18/98 J&JT 3, 01/20/98 AB 2, 01/22/98 LRR 1, 01/23/98 TD 11, 01/23/98 TD 11, 01/23/98 TD 11, 01/23/98 TD 11, 01/23/98 TD 3, 01/25/98 TD 3, 01/27/98 TD 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/04/98 WHS 1, 02/05/98 LRR 1, 02/07/98 HB&RH 2, 02/10/98 PLH 2, 02/12/98 H&PH 1, 02/13/98 RS 7, 02/14/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/15/98 LRR 2, 02/16/98 TD&DLH 2, 02/17/98 TD 1, 02/18/98 II 2, 02/20/98 TD 13, 02/21/98 BSG 2, 02/21/98 BSG 3, 02/22/98 H&PH 6, 02/22/98 T&SD, II 3, 02/23/98 II 2, 02/24/98 H&PH 5 |
| Tufted Titmouse | 01/04/98 II 4, 01/04/98 II 3, 01/15/98 HHo 3, 01/18/98 J&JT 1, 01/18/98 J&JT 2, 01/18/98 LRR 1, 01/18/98 J&JT 3, 01/19/98 LRR 1, 01/20/98 AB 2, 01/22/98 LRR 2, 01/23/98 TD 2, 01/24/98 JI&TD 2, 01/27/98 TD 1, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/04/98 WHS 2, 02/05/98 LRR 1, 02/10/98 PLH 3, 02/12/98 I.R.R. 1, 02/14/98 RS 5, 02/14/98 RS 1, 02/14/98 RS 1, 02/15/98 LRR 2, 02/16/98 TD&DLH 2, 02/17/98 TD 1, 02/21/98 BSG 1, 02/22/98 H&PH 4, 02/24/98 H&PH 2 |
| Red-breasted Nuthatch | 01/04/98 II 1, 01/04/98 II 1, 01/19/98 TD 3, 01/19/98 LRR 1, 01/22/98 LRR 1, 02/02/98 GF 1, 02/04/98 WHS 1, 02/05/98 LRR 1, 02/12/98 LRR 1, 02/12/98 H&PH 1, 02/15/98 LRR 2, 02/16/98 TD&DLH 1 |
| White-breasted Nuthatch | 01/04/98 II 1, 01/19/98 TD 1, 01/19/98 LRR 2, 01/22/98 LRR 1, 01/31/98 RS 1, 02/05/98 LRR 1, 02/12/98 H&PH 1, 02/14/98 RS 1, 02/15/98 LRR 2, 02/16/98 TD&DLH 1 |
| Brown-headed Nuthatch | 01/15/98 HHo 1, 01/19/98 TD 2, 01/24/98 JI&TD 1, 01/31/98 RS 1, 02/02/98 GF 2, 02/07/98 HB&RH 1, 02/12/98 H&PH 2, 02/15/98 LRR 1, 02/16/98 TD&DLH 1 |
| Brown Creeper | 01/24/98 JI&TD 2, 02/14/98 RS 2 |
| Carolina Wren | 01/04/98 II 1, 01/04/98 II 2, 01/04/98 II 5, 01/04/98 II 2, 01/18/98 J&JT 1, 01/18/98 J&JT 1, 01/21/98 HHo 2, 01/22/98 LRR 1, 01/23/98 TD 10, 01/24/98 JI&TD 5, 01/25/98 TD 7, 01/27/98 TD 2, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/02/98 GF 2, 02/04/98 WHS 2, 02/07/98 HB&RH 2, 02/10/98 PLH 2, 02/12/98 H&PH 1, 02/13/98 RS 3, 02/14/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/15/98 LRR 2, 02/17/98 TD 2, 02/20/98 TD 9, 02/21/98 BSG 1, 02/22/98 H&PH 4, 02/24/98 H&PH 1 |
| House Wren | 01/20/98 AB 2, 01/31/98 RS 1, 01/31/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 2, 02/20/98 TD 7, 02/22/98 T&SD, II 1 |
| Winter Wren | 01/27/98 TD 1, 02/17/98 TD 1, 02/20/98 TD 4 |
| Sedge Wren | 01/24/98 JI&TD 4, 01/25/98 TD 1, 02/14/98 RS 6 |
| Marsh Wren | 02/20/98 TD 12, 02/21/98 BSG 1 |
| Golden-crowned Kinglet | 01/18/98 J&JT 5, 01/24/98 JI&TD 6, 02/14/98 RS 1 |
| Ruby-crowned Kinglet | 01/04/98 II 4, 01/04/98 II 4, 01/04/98 II 2, 01/04/98 II 8, 01/04/98 II 8, 01/18/98 J&JT 2, 01/18/98 J&JT 5, 01/18/98 J&JT 2, 01/21/98 HHo 1, 01/23/98 TD 13, 01/24/98 JI&TD 2, 01/24/98 JI&TD 14, 01/25/98 TD 6, 01/27/98 TD 2, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/07/98 HB&RH 5, 02/08/98 M&M# 2, 02/11/98 LRR, SC&DD 1, 02/12/98 H&PH 4, 02/14/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/16/98 TD&DLH 2, 02/17/98 JI&TD 1, 02/17/98 TD 1, 02/19/98 TD 2, 02/20/98 TD 23, 02/21/98 BSG 1, 02/21/98 BSG 1, 02/22/98 T&SD, II 6, 02/24/98 H&PH 2 |
| Blue-gray Gnatcatcher | 02/14/98 RS 2, 02/14/98 RS 2, 02/20/98 TD 12 |
| Eastern Bluebird | 01/04/98 II 10, 01/04/98 II 7, 01/04/98 II 4, 01/04/98 II 1, 01/20/98 AB 1, 01/24/98 JI&TD 4, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/05/98 HHo 2, 02/12/98 H&PH 8, 02/13/98 RS 3, 02/15/98 LRR 3, 02/21/98 BSG 6, 02/22/98 H&PH 2, 02/24/98 H&PH 2 |
| Hermit Thrush | 01/04/98 II 1, 01/04/98 II 1, 01/04/98 II 1, 01/04/98 II 1, 01/23/98 TD 3, 01/24/98 JI&TD 2, 02/14/98 RS 1, 02/14/98 RS 1 |
| American Robin | 01/04/98 II 4, 01/04/98 II 5, 01/18/98 J&JT 5, 01/20/98 AB 1, 01/23/98 TD 6, 01/23/98 II 16, 01/24/98 MT 1, 01/25/98 HHo 25, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/04/98 WHS 2, 02/05/98 MT 2, 02/10/98 PLH 50, 02/12/98 H&PH 12, 02/13/98 RS 30, 02/14/98 RS 1, 02/15/98 LRR 1, 02/18/98 II 5, 02/20/98 TD 2, 02/21/98 BSG 10, 02/22/98 H&PH 2, 02/22/98 T&SD, II 16, 02/23/98 II 3 |

| Common Name | Data |
|------------------------|--|
| Northern Mockingbird | 01/04/98 II 7, 01/04/98 II 1, 01/04/98 II 1, 01/04/98 II 1, 01/04/98 II 1, 01/18/98 J&JT 1, 01/20/98 AB 2, 01/23/98 TD 8, 01/25/98 HHo 1, 01/27/98 TD 1, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/04/98 WHS 1, 02/12/98 H&PH 10, 02/12/98 MH 1, 02/13/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/15/98 LRR 1, 02/17/98 TD 1, 02/17/98 JI&TD 3, 02/20/98 TD 2, 02/21/98 BSG 2, 02/21/98 BSG 2, 02/22/98 H&PH 6, 02/22/98 T&SD,JI 11, 02/23/98 JI 2, 02/24/98 H&PH 1 |
| Brown Thrasher | 01/04/98 JI 1, 01/23/98 TD 4, 01/24/98 JI&TD 3, 01/31/98 RS 1, 01/31/98 RS 1, 02/12/98 H&PH 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/15/98 LRR 1, 02/20/98 TD 1, 02/21/98 BSG 1, 02/22/98 H&PH 1, 02/22/98 T&SD,JI 1 |
| European Starling | 01/04/98 JI 3, 01/23/98 TD 8, 01/23/98 JI 2, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/10/98 PLH 6, 02/12/98 H&PH 2, 02/12/98 MH 2, 02/13/98 RS 1, 02/14/98 RS 1, 02/18/98 JI 7, 02/20/98 TD 3, 02/21/98 BSG 4, 02/22/98 H&PH 6, 02/22/98 T&SD,JI 200, 02/23/98 JI 3, 02/24/98 H&PH 12 |
| American Pipit | 02/20/98 TD 3, 02/21/98 BSG 4, 02/22/98 T&SD,JI 1 |
| Cedar Waxwing | 01/04/98 JI 38, 01/18/98 J&JT 3, 01/18/98 J&JT 3, 01/20/98 AB 1, 01/23/98 JI 14, 01/23/98 TD 25, 01/25/98 HHo 10, 01/25/98 TD 17, 01/31/98 RS 1, 02/10/98 PLH 172, 02/12/98 H&PH 56, 02/13/98 RS 20, 02/14/98 RS 1, 02/14/98 RS 1, 02/18/98 JI 1, 02/22/98 T&SD,JI 12, 02/22/98 H&PH 17, 02/24/98 H&PH 10 |
| Orange-crowned Warbler | 01/18/98 J&JT 1, 01/23/98 TD 1, 01/24/98 JI&TD 1, 01/24/98 JI&TD 1, 01/27/98 TD 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/11/98 LRR,SC&DD 1, 02/12/98 H&PH 1, 02/14/98 RS 1, 02/19/98 TD 1, 02/20/98 TD 7, 02/22/98 T&SD,JI 1, 02/24/98 H&PH 2 |
| Cape May Warbler | 01/18/98 J&JT 1, 01/24/98 JI&TD 1, 01/31/98 RS 1, 02/07/98 HB&RH 1, 02/08/98 M&MH 1, 02/11/98 LRR,SC&DD 1, 02/14/98 RS 1, 02/14/98 DM&PH 1, 02/15/98 SH 1, 02/19/98 TD 1, 02/24/98 H&PH 1 |
| Yellow-rumped Warbler | 01/04/98 JI 2, 01/04/98 JI 3, 01/04/98 JI 3, 01/04/98 JI 4, 01/18/98 LRR 7, 01/20/98 AB 10, 01/23/98 TD 60, 01/24/98 JI&TD 15, 01/25/98 HHo 12, 01/25/98 TD 180, 01/27/98 TD 2, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/12/98 H&PH 5, 02/13/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/17/98 TD 5, 02/19/98 TD 1, 02/20/98 TD 175, 02/21/98 BSG 5, 02/21/98 BSG 8, 02/22/98 T&SD,JI 8, 02/22/98 H&PH 8, 02/23/98 JI 1, 02/24/98 H&PH 6 |
| Pine Warbler | 01/04/98 JI 1, 01/04/98 JI 3, 01/04/98 JI 7, 01/19/98 TD 2, 01/19/98 LRR 1, 01/22/98 LRR 1, 01/24/98 JI&TD 20, 01/25/98 HHo 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/02/98 GF 2, 02/04/98 WHS 1, 02/05/98 LRR 1, 02/12/98 H&PH 8, 02/13/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/16/98 TD&DLH 1, 02/22/98 H&PH 1 |
| Common Yellowthroat | 02/21/98 BSG 1 |
| Eastern Towhee | 02/14/98 RS 1, 02/22/98 H&PH 2, 02/22/98 T&SD,JI 2 |
| Chipping Sparrow | 01/04/98 JI 35, 01/04/98 JI 7, 01/04/98 JI 55, 01/20/98 AB 11, 01/31/98 GF 20, 01/31/98 RS 1, 02/02/98 GF 12, 02/02/98 HHo 3, 02/05/98 HHo 3, 02/10/98 PLH 4, 02/12/98 H&PH 50, 02/14/98 RS 16, 02/14/98 RS 6, 02/15/98 LRR 4, 02/22/98 T&SD,JI 1, 02/22/98 H&PH 26 |
| Field Sparrow | 01/04/98 JI 1, 01/04/98 JI 1, 01/18/98 LRR 1, 01/23/98 TD 21, 01/24/98 JI&TD 14, 02/10/98 PLH 1, 02/20/98 TD 5, 02/22/98 T&SD,JI 5, 02/22/98 H&PH 2 |
| Vesper Sparrow | 02/21/98 BSG 2, 02/21/98 BSG 1 |
| Lark Sparrow | 02/21/98 BSG 4 |
| Savannah Sparrow | 01/04/98 JI 1, 01/24/98 JI&TD 28, 01/25/98 TD 3, 01/31/98 RS 1, 02/20/98 TD 35, 02/21/98 BSG 150, 02/22/98 T&SD,JI 5, 02/22/98 H&PH 12 |
| LeConte's Sparrow | 01/24/98 JI&TD 7, 02/14/98 RS 2, 02/20/98 TD 1 |
| Fox Sparrow | 01/04/98 JI 2, 01/04/98 JI 1, 01/25/98 TD 8, 02/20/98 TD 3, 02/22/98 T&SD,JI 6 |
| Song Sparrow | 01/04/98 JI 30, 01/04/98 JI 2, 01/04/98 JI 1, 01/18/98 LRR 3, 01/23/98 TD 2, 01/24/98 JI&TD 26, 01/25/98 TD 19, 01/27/98 TD 2, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/10/98 PLH 2, 02/12/98 H&PH 1, 02/13/98 RS 3, 02/14/98 RS 3, 02/14/98 RS 1, 02/20/98 TD 40, 02/21/98 BSG 10, 02/21/98 BSG 5, 02/22/98 H&PH 8, 02/22/98 T&SD,JI 9 |
| Lincoln's Sparrow | 01/23/98 TD 1, 02/20/98 TD 1 |
| Swamp Sparrow | 01/18/98 J&JT 1, 01/23/98 TD 1, 01/24/98 JI&TD 12, 01/31/98 RS 1, 02/14/98 RS 1, 02/17/98 JI&TD 1, 02/20/98 TD 33, 02/21/98 BSG 2, 02/21/98 BSG 3, 02/22/98 T&SD,JI 10 |
| White-throated Sparrow | 01/04/98 JI 1, 01/04/98 JI 31, 01/04/98 JI 8, 01/04/98 JI 1, 01/04/98 JI 8, 01/04/98 JI 11, 01/15/98 HHo 3, 01/18/98 J&JT 8, 01/18/98 J&JT 2, 01/20/98 AB 5, 01/22/98 LRR 2, 01/23/98 TD 75, 01/24/98 MT 2, 01/24/98 JI&TD 27, 01/25/98 TD 150, 01/27/98 TD 3, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/02/98 GF 2, 02/04/98 WHS 4, 02/05/98 MT 4, 02/13/98 RS 12, 02/14/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/15/98 LRR 3, 02/16/98 TD&DLH 2, 02/17/98 TD 5, 02/20/98 TD 32, 02/21/98 BSG 2, 02/21/98 BSG 5, 02/22/98 H&PH 56, 02/22/98 T&SD,JI 33, 02/23/98 JI 1, 02/24/98 H&PH 7 |
| White-crowned Sparrow | 02/10/98 PLH 6, 02/21/98 BSG 1, 02/22/98 T&SD,JI 47, 02/22/98 H&PH 4 |
| Dark-eyed Junco | 01/04/98 JI 5, 01/04/98 JI 25, 01/04/98 JI 15, 01/04/98 JI 1, 01/04/98 JI 25, 01/18/98 LRR 20, 01/18/98 J&JT 2, 01/18/98 J&JT 2, 01/19/98 TD 7, 01/19/98 LRR 2, 01/20/98 AB 13, 01/22/98 LRR 5, 01/23/98 TD 15, 01/24/98 JI&TD 15, 01/24/98 MT 2, 01/25/98 TD 12, 01/31/98 RS 1, 01/31/98 RS 1, 02/02/98 HHo 6, 02/02/98 GF 1, 02/04/98 WHS 4, 02/05/98 LRR 12, 02/05/98 MT 2, 02/12/98 H&PH 4, 02/13/98 RS 17, 02/15/98 LRR 3, 02/22/98 T&SD,JI 1 |
| Lapland Longspur | 02/21/98 BSG 1 |
| Northern Cardinal | 01/04/98 JI 13, 01/04/98 JI 9, 01/04/98 JI 5, 01/04/98 JI 4, 01/04/98 JI 8, 01/04/98 JI 2, 01/04/98 JI 6, 01/15/98 HHo 8, 01/18/98 J&JT 8, 01/18/98 J&JT 1, 01/18/98 J&JT 4, 01/20/98 AB 2, 01/22/98 LRR 4, 01/23/98 JI 2, 01/23/98 TD 15, 01/24/98 MT 2, 01/25/98 TD 15, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/02/98 GF 12, 02/04/98 WHS 2, 02/05/98 LRR 1, 02/05/98 MT 1, 02/07/98 HB&RH 2, 02/08/98 M&MH 5, 02/10/98 PLH 24, 02/11/98 LRR,SC&DD 1, 02/12/98 LRR 1, 02/12/98 H&PH 24, 02/13/98 RS 14, 02/14/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/16/98 TD&DLH 2, 02/18/98 JI 4, 02/20/98 TD 9, 02/21/98 BSG 2, 02/22/98 T&SD,JI 16, 02/22/98 H&PH 32, 02/23/98 JI 2, 02/24/98 H&PH 8 |
| Dickcissel | 02/22/98 T&SD,JI 1, 02/23/98 JI 1 |
| Red-winged Blackbird | 01/04/98 JI 25, 01/04/98 JI 12, 01/23/98 JI 1, 01/23/98 TD 8, 01/27/98 TD 1, 01/31/98 GF 130, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/05/98 MT 2, 02/07/98 BSG 110, 02/10/98 PLH 50, 02/12/98 H&PH 12, 02/12/98 MH 1, 02/13/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/17/98 JI&TD 1, 02/17/98 H&PH 2, 02/18/98 JI 1, 02/20/98 TD 125, 02/21/98 BSG 75, 02/21/98 BSG 215, 02/22/98 T&SD,JI 811, 02/22/98 H&PH 14, 02/23/98 JI 1, 02/24/98 H&PH 4 |
| Eastern Meadowlark | 01/24/98 JI&TD 10, 02/13/98 RS 3, 02/21/98 BSG 10, 02/21/98 BSG 4, 02/22/98 H&PH 4 |
| Western Meadowlark | 02/21/98 BSG 2 |
| Common Grackle | 01/23/98 JI 7, 01/23/98 TD 25, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/04/98 WHS 2, 02/12/98 H&PH 3, 02/12/98 MH 2, 02/13/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 1, 02/18/98 JI 8, 02/21/98 BSG 20, 02/21/98 BSG 3, 02/22/98 T&SD,JI 155, 02/23/98 JI 16, 02/24/98 H&PH 1 |
| Brown-headed Cowbird | 01/23/98 JI 10, 01/31/98 RS 1, 02/05/98 MT 1, 02/13/98 RS 1, 02/17/98 JI&TD 9, 02/18/98 JI 10, 02/21/98 BSG 8, 02/22/98 T&SD,JI 90, 02/23/98 JI 6 |
| Purple Finch | 01/19/98 LRR 1, 01/22/98 LRR 3, 02/04/98 WHS 3, 02/05/98 LRR 2, 02/12/98 LRR 6, 02/12/98 H&PH 3 |
| House Finch | 01/20/98 AB 12, 01/21/98 HHo 2, 01/23/98 TD 9, 01/23/98 JI 2, 01/25/98 TD 8, 01/31/98 RS 1, 02/18/98 JI 1, 02/22/98 T&SD,JI 3, 02/23/98 JI 3 |
| Pine Siskin | 01/22/98 LRR 1, 02/05/98 LRR 2, 02/16/98 TD&DLH 12 |
| American Goldfinch | 01/04/98 JI 11, 01/04/98 JI 32, 01/04/98 JI 41, 01/04/98 JI 3, 01/04/98 JI 15, 01/19/98 LRR 4, 01/22/98 LRR 4, 01/23/98 TD 5, 01/24/98 JI&TD 25, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/02/98 GF 2, 02/04/98 WHS 2, 02/05/98 HHo 6, 02/05/98 LRR 20, 02/10/98 PLH 16, 02/12/98 H&PH 1, 02/12/98 LRR 4, 02/13/98 RS 8, 02/14/98 RS 3, 02/14/98 RS 8, 02/15/98 LRR 12, 02/16/98 TD&DLH 45, 02/20/98 TD 4, 02/22/98 T&SD,JI 7, 02/22/98 H&PH 36, 02/23/98 JI 1 |
| House Sparrow | 01/20/98 AB 10, 01/23/98 JI 21, 01/31/98 RS 1, 01/31/98 RS 1, 02/04/98 WHS 7, 02/05/98 MT 20, 02/12/98 MH 7, 02/13/98 RS 1, 02/14/98 RS 1, 02/18/98 JI 17, 02/22/98 T&SD,JI 18, 02/23/98 JI 8 |

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