

BIRD STUDY GROUP NEWSLETTER

Volume 12, Number 1 August 26, 1997

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 9, 1997 6:30 p.m.

RED RIVER NAVIGATION POOL #5 A NEW BIRDING HOT SPOT

Paul M. Dickson

Refreshments will be available at 6:30 p.m. Come early to visit, relax, and enjoy fellowship.

NEXT FIELD TRIPS

September 6 - Natchitoches Fish Hatchery September 20 - Jeems Bayou WMA September 27 - Daingerfield State Park October 4 - Hervey Farm Hawk Count October 11 - Caddo Detention Center

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BIRD REPORT Bobbe Wommack 686-0369H

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

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FIELD TRIPS

September 6 - Natchitoches Fish Hatchery. Shorebirds. If you have trouble telling the peeps apart, this outing is meant for you. I - 49 barrow-pits near Powhatan, U. S. Fish Hatchery in Natchitoches, Sibley Lake and Powhatan area rice fields (if the rice combines are running) to search for rails. Also possible, if the group desires, is a side trip to the new Alligator Farm near Powhatan. Cost for the side trip would be \$5.50 for adults, less for children. I have seen the show at this modern facility and they feed lots of big gators. This is an all day trip, eat in Natchitoches, or eat gator burgers at the Gator Farm, or both. Roseate Spoonbill is possible. Leader: Hubert Hervey. Leave LSUS parking lot at 7:30 a.m.

September 20 - James Bayou WMA and Caddo Lake north and east side. Remote area containing woodland species with migrants likely. A long half-day trip, bring liquids and snacks. Leader: Mac Hardy. Meet at What-A-Burger on North Market north of I- 220 at 7:00 a.m.

September 27 - Daingerfield State Park, Texas. We join with Northeast Texas Field Ornithologists (NETFO) and count hawks at Daingerfield State Park in Texas. NETFO holds this count annually and it is a good opportunity for you to learn some of the fine points of distant hawk identification. If you have a camper, you might want to camp out and count hawks both Saturday and Sunday, as some of the NETFO members do. This is a full day outing, bring food and drinks. Leader: Hubert Hervey. Leave from Kelly's Truck Stop on I-20 west of Shreveport at 7:30 a.m..

October 4 - Hervey Farm Hawk Count. You may come early and bird the woods and fields. Hawks usually are flying by 10 a.m. Bring food and drinks to last until midafternoon. Hubert plans to locate a shade providing canopy that will endure a light breeze. Call 925-9249 for directions.

October 11 - Caddo Detention Center. This is our second time to bird CDC. The first trip produced good grassland and woodland species. CDC is a good natural area, medium walking is required. This half-day trip will be led by Larry Raymond. Meet at LSUS parking lot at 7:00 a.m.

More information can be obtained from the trip leaders at these numbers:

Hubert Hervey: 925-9249 Mac Hardy: 797-5338 Larry Raymond: 929-2806

CROW BEHAVIOR

by Hubert Hervey

Sooner or later the behavior of birds becomes fascinating to most birders. On May 23, 1997, I observed an American Crow attack and kill a recently fledged Eastern Meadowlark. Apparently, Eastern Kingbirds, Red-winged Blackbirds, and Northern Mockingbirds have justification for defending their nesting territories against this marauder.

The pasture was newly mown, so cover was scarce for the meadowlarks. Somehow the young bird had survived the hav cutting operation. Scattered showers had delayed raking and baling for several days. Long stems of rye grass, lay waiting the completion of the curing process. The flattened grass afforded little in the way of protection for the young meadowlark.

I saw the crow drop to the hay meadow and pick up the young meadowlark. A crow has a bill strong enough to crack a pecan. A crippled crow can bring a blood blister to the hand of the farmer protecting his crop with a shotgun. The fragile young bird was easy for the crow to capture and subdue. It tried to fly away but its young wings had no power left. The crow tossed the little bird in the air, rather like a puppy playing with a rag. Both parent meadowlarks were flying back and forth attempting to distract the crow. One lit on the ground and resorted to the crippled wing ploy. The crow, one of the most intelligent of birds I think, was not to be fooled. Soon it was joined by another crow, who merely acted as an observer. A Scissor-tailed Flycatcher flew right into the middle of the confusion. I have no idea what he thought he was doing there. He quickly left.

As I walked to the scene of the attack, the crow flew off alone with its prize. As I returned to the front porch, I observed a **Great-crested Flycatcher** fly to her nest in the dead pine tree with a bill full of grassy building material. Next, a **Chimney Swift**, with two aspiring mates in chase, flew to the chimney with a short stick showing out of the corners of her mouth. Finally, just before I reached the yard, a **Red-headed Woodpecker** flew to a limb in the willow oak, with a bug for one of her nestlings. So the balance of nature keeps adjusting, as it has for centuries. Some lose and some win.

THE GULF COAST BIRD OBSERVATORY

By Heather Chunn

The Gulf of Mexico is extremely important to the health of North American populations of migratory songbirds, hawks and shorebirds as well as over-wintering ducks, geese and other waterbirds. Because of the need to protect this important region, the Houston Audubon Society and The Nature Conservancy of Texas united to form The Gulf Coast Bird Observatory (GCBO). Additional founding partners include Partners in Flight, National Fish and Wildlife Foundation, Amoco Production Company and Phillips Petroleum Company. Together the GCBO partners conduct research on neotropical migratory birds and encourage habitat conservation along the Gulf coast, from Florida to Mexico. In the near future, this network of partners will build a bird observatory and education center in High Island, Texas.

Currently we are working on two major bird monitoring projects, the Migration Monitoring Program and the Fall Hawk Watch. Working with the Southeastern Working Group of Partners in Flight, the Migration Monitoring program is an all volunteer field study designed to obtain information on songbirds during fall and spring migration seasons. The results will provide data on first landfall, area of dispersal for migrants, identify species-specific migration pathways, density comparisons at multiple sites and between years, identification of 'hotspots' and their motility between years and of course, habitats used for stopover and for corridors between coastal and interior breeding sites. Our goal is to have several monitored sites in each state of the region. Seasonal summaries will be provided to all participants and the database will be made available to land managers and conservation planners throughout the Americas. Volunteers are key to the success of this much needed dataset and we hope many of you will want to participate. The technique is easy and it gives us all justification for birding a couple of times a week during migration.

The 7th Annual Smith Point Hawk Watch will run from August 15 to November 15 with daily coverage provided by volunteers and from a full time counter generously

sponsored by Hawkwatch International. Thousands of hawks, swallows, dragonflies and butterflies pass over the Hawk Watch tower on Smith Point each year. Every day is different and every hawk watch season is full of surprises. Visitors are always welcome and counters are needed! For directions to the Candy Abshier Wildlife Management Area, site of the Hawk Watch, or to volunteer, please call the GCBO at 713-789-4226.

OLD BIRD BOOKS

By John C. LeVine

Editors note: The following article is derived from a posting Mr. LeVine made to Birdchat on 12 July 1997. He has graciously allowed us to reprint it in our newsletter.

ike many of you, I want the most recent birding book being published in my library. In fact, my order is in with Buteo Books for the imminently to be published Kimball Garrett's and Jon Dunn's "A Field Guide to Warblers of North America." However, I have found that there is a lot of valuable and interesting information to be found in books published well before most of us were born. Also, I have found reading about the founders of our sport, hobby, or obsession to be rewarding. I am going to talk about several books that I have been reading over the last several weeks. Unfortunately, all but one of them is well out of print and may be impossible to find, so I offer my apologies for tantalizing you with interesting books that you may not be able to read yourself. The intention of this post is to point out to you that when you are in a used bookstore, you should check out the birding section and look at those "old" books to see what they contain. For those of you who do not live near used bookstores or ones that have only a few or no birding books, you should contact Buteo Books at 800-722-2460 for their catalog.

This is also an indirect thank you to Lynn Kaufman, (Kenn's wife) who wrote an article for the ABA's 25th anniversary in "Birding" extolling the virtues of the books that have gone before the new ones we are buying today, like Kenn's "Kingbird's Highway."

TO BEGIN:

Quoting from one: "Our forefathers found this country teeming with wild life. So abundant was game that men believed the supply was inexhaustible. The story of its destruction and waste is too selfish and bloody to repeat. Old sportsmen who used to brag of their big kills are now ashamed to tell their children how improvident they were. People were too busy developing themselves along commercial lines to pay much heed to the really beautiful and pleasing things in nature. But the mode of life and of thinking have changed and we find today a great unsatisfied hunger and thirst for more knowledge of our birds. This is not alone confined to naturalists but is found in the small boy on the farm. It is not strange for the birds

are not alone among the loveliest creatures, but also in the economic scheme of life the birds fill a place for which no other creatures can be substituted."

This forward, from "Birds of West Virginia, Their Economic Value and Aesthetic Beauty" by I. H. Johnston, State Ornithologist, could be found in any modern book espousing birding's popularity and concerns for the environment, but this book was published by the W. V. State Department of Agriculture in 1923.

In this book, Johnston discusses 40 species in detail, although, originally there were supposed to be 50. However, because Louis Agassiz Fuertes who painted the pictures, was under another contract and he could not complete the last ten in time to meet the publishing deadline. There is then a checklist of the birds found in West Virginia, migration early and average arrival dates, and a discussion of other bird related issues.

However, what I find so interesting is Johnston's discussion of bird's economic value. He talks about the huge loss (\$1.5 to \$2 billion in 1916 values p. 101) to man from insect damage and how birds work at controlling the insect populations. To prove how many insects a bird eats he gives the following list as examples:

"Scarlet Tanager: larvae of 630 gypsy moth caterpillars; Cedar Waxwing: 100 canker worms; flicker: 1,000 chinch bugs and 3,000 to 5,000 ants; nighthawk: 60 grasshoppers; another, 500 mosquitoes; a Maryland Yellowthroat (now Common Yellowthroat): 3,500 plant lice in 40 min. A young robin ate 165 cutworms in a day. Two martins' stomachs contained 2,000 mosquiStoes (sic) and many house flies. Cuckoo: 30 grasshoppers and 250 caterpillars (page 101)."

He talks about how people can encourage increases in bird populations by putting up bird boxes and controlling cats. For those birders who strongly object to cats, you will be cheered by Johnston, who talks about encouraging the State of West Virginia to offer a bounty on stray cats!

One thing that I would like to see in all modern bird books, that is a small section of this book, and more fully covered in the next book that I am going to discuss, is suggestion and discussion on "bird study" in schools. Johnston only gives a page to this subject, but William Rogers Lord's 1902 "A First Book upon Birds of Oregon & Washington" subtitled "A Pocket Guide and Pupil's Assistant in a study of the more common Land Birds and a few of the Shore and Water Birds of these States." has 19 pages for teachers and bird-students. It begins with: "Inasmuch as this book has been chosen by the Text Book Commission of the State of Oregon to be used for "Supplementary Reading" in the Public Schools, the author feels himself called upon to make some suggestions to Principals and Teachers....." He follows with an outline beginning with the First year-Sixth Grade, telling the teacher "...should be devoted to learning to know by sight and song (emphasis added) as many as possible of the common birds about the homes of the pupils." For each of three years of study, he makes suggestions and outlines what birds can be found in each month, along with suggestions for additional reading in poetry and prose.

Would it not be nice if our public schools were still teaching kids about the birds so our youth could identify birds as quickly as they can the latest rock-movie star. Least you think Lord's book is a simplistic book for kids, let me quote from the introduction: "When I came to Oregon in the spring of 1899 from the North Atlantic States, I was greatly delighted at the strange and beautiful songs of some of the birds which, from the morning of my arrival, greeted my ear. Afterward, as I set about studying and naming these new songsters, I encountered an unaccustomed difficulty. There are numerous short, simple and helpful books for the eastern North America.... But I found, ...that there were none especially for this part of the United States. The only helps were in the large scientific works of Ridgway, Coues and others,...." RTP was not even born yet.

Lord takes each bird and begins with a short general description of the bird, size, and where it is found. He then follows with a discussion of the species. Using the White-crowned Sparrow as an example of his discussion of the birds: He talks about its song, frequency, and distribution. He then goes on to discuss the difference in the Nuttall's and the Gambel's subspecies. Emphasizing that birders in the different parts of Oregon and Washington should make sure that they can tell the differences between the two. How many of you reading this now can make this distinction? Or can you answer this question: Does the White-crowned Sparrow sing at night like the Northern Mockingbird? Going to Clive, et al.'s 1995 "Sparrows and Buntings" or Rising's 1996 "The Sparrows of the United States and Canada" will not give you the answer. However, on page 75, of Lord's 1902 book you read:

"...most of the summer through, from early morning till night-and even in the night-can the exquisite notes of this gentle and friendly bird be heard. ... This bird may be called "the American Nightingale" for surely its night-song has all the quiet melancholy that one's imagination would attribute to the notes of a bird in the hours of darkness."

The next book I want to mention is Ludlow Griscom's 1949 "Birds of Concord" as in Concord, Massachusetts. In the first part of the book, which is just less than half of the book, Griscom discusses environmental issues and how

man has impacted bird populations in general and in particularly in Concord, MA. The second half of the book is status report of the birds found in Concord.

Among Griscom's points is that even as we talk about the **pristine** environment of old, that in reality it was not pristine but had already been changed long ago by man on his arrival in the New World and that it is an on going process. It is a very thorough discussion of all of the things that have an impact on the increases/decreases of numbers and species. He talks about how survival of species is often dependent on man's value of a species. "The early pioneers very rapidly discovered that certain birds and mammals were useful because they were good to eat, and that others were pests or vermin and gave them a great deal of trouble (page 67)." Unfortunately, this view has not changed today, for example: The reintroduction of wolves in the lower 48.

As to Griscom's point of view of cats he is more tolerant of them than Johnston. He actually is more concerned with the impact of the **House Sparrows**.

"The house cat takes its small toll of birds each year. In the nineties (1890's) and first two decades of the present century there was quite an outbreak of stray and feral cats which did considerable damage. A great outcry was raised by bird-lovers, and a campaign of publicity and education was begun to eliminate the cats. I remember their relative abundance well, but their numbers have declined to insignificance in recent years.

A much more serious event was the introduction of the English Sparrow, its sensational success, and rapid capture of the whole continent. Its disastrous effect on the local bird-life of eastern Massachusetts has been so well written by Brewster (Birds of the Cambridge Region, pages 65-69) that only a brief summary is given here..." Griscom goes on to summarize the impact of the English (=House) Sparrows. This book contains one of the best treatise on the interaction of man and the environment that I have read, especially as it impacts birds, written without becoming overly scientific.

My last book is a biography about one of the early birders and someone who was the first in many areas of birding. The book, which is still available through Buteo Books, is Harriet Kofalk's 1989 "No Woman Tenderfoot." It is the story of Florence Merriam Bailey, who lived from 1863 to 1948.

I first learned about Bailey and became interested in her when I stumbled on a copy of her 1923 book "Birds of New Mexico" in a used bookstore. Since then I have come to really appreciate her writings. I have since acquired her "Among the Birds in the Grand Canyon" and I am looking for her other works, especially: "Handbook of Birds of the Western United States," "Birds Through an Opera Glass," and "A-Birding from a Bronco."

Who was Florence Merriam Bailey? Out of her love of birds, she actively fought to ban the use of birds and their parts in the millinery trade, she started an Audubon chapter at Smith College, she taught and lead bird groups into the field, she wrote for The Auk and Condor, she was one of the first women to be asked to join the AOU, she wrote the first major guide book of 600 pages on the western states and a state book on New Mexico's birds. She was a women who wanted to be herself, refusing to assume a man's nom de plume as was common in her time. As reported by Kofalk on p 51, Bailey made this point even in her writings when describing a female warbler in the book "Birds Through an Opera Glass" 1890.

"Like other ladies, the little feathered brides have to bear their husbands' names, however inappropriate. What injustice! Here an innocent creature with an olive-green back and yellowish breast has to go about all her days known as the black-throated blue warbler, just because that happens to describe the dress of her spouse!" (page 187)

She preceded Ludlow Griscom in calling for the use of binoculars instead of shotguns when birding. In 1902, Houghton Mifflin published her "Handbook of Birds of the Western United States" which stayed in print until 1935, with eleven edition and four revisions. So if you are interested in the life of one of the early birders, who has been acknowledged by Roger Tory Peterson in his guides and happened to be also a independent woman, get hold of a copy of this book. If you are interest in the struggle of a women to be her own person in the last part of the 1800's and the first part of this century, who happened to be also a birder, get a copy of this book.

The problem with Modern Man is he can no longer see the stars through his city lights!

A thought on a moonless night in Big Bend National Park 4/30/97

REFERENCES

Griscom, L. 1949. Birds of Concord: A Study in Population Trends. Harvard University Press, Cambridge.

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Kofalk, H. 1989. No Woman Tenderfoot: Florence Merriam Bailey, Pioneer Naturalist. Texas A&M University Press, College Station. Lord, W. R. 1902. A first Book upon the Birds of Oregon and Washington: A Pocket guide and Pupil's Assistant in a Study of more Common Land Birds and a few of the Shore and Water Birds of these States. Heintzemann Press, Boston.

IT'S 9 O'CLOCK: DO YOU KNOW WHERE YOUR CAT'S AT?

By Hubert Hervey

 \mathbf{I}^{f} you are like a lot of rural residents, cats are part of your life. Five to six cats, in fact, if you fall into the category of "average rural residence" as found in one study of Illinois farms. Cats are a favorite pet in the country, not only for their companionship but as a way to keep mice and other rodents under control.

Not surprisingly, the downside to cat ownership is the impact on wildlife, something that is also very important to most forest stewards. It has been estimated that cats kill at least 7.8 million birds in rural Wisconsin, with some studies setting the number as high as 219 million. According to Richard E. Warner, writing in the Fall issue of The Illinois Steward, female cats range over 120 to 500 acres and males cover a territory of up to 1,200 acres. With an estimated 50 to 60 million domestic cats roaming the backyards and fields of America - and the number increasing - it presents a daunting predator situation for wildlife. Catnip newsletter (Tufts University School of Veterinary Medicine) suggests that if you care about your cat, you will keep it in at night to protect it from nocturnal wildlife. But since Warner points out that cats are more effective hunters at night when ground moisture aids their sense of smell, it is a good idea to keep Tabby inside for the sake of the wildlife. Neutering is also something to consider, since neutered cats stay closer to the house and outbuildings.

Copied from The Forest Steward, The National Arbor Day Foundation, May / June, 1997

USE YOUR KROGERS' CARD!!!

Betty Mason reports that in the first quarter of use, the members of the Bird Study Group bought \$2,346.74 worth of merchandise at Krogers while using their Krogers' Card. The Bird Study Group got 1% or \$23.47. I know we can do better than that! It costs you nothing to use the card and the group benefits from the profits.

You may get as many cards as you need by calling the museum (797-5338) or by attending any of the monthly meetings.







THE FIRST DAY IN CLASS

By Hubert Hervey

I could claim that these recommendations all came from professors teaching their class on the first day of school, but you would all know better.

Birdwatching 101 - We don't waste time trying to change Savannah Sparrows to a different species. Learn to identify a Savannah Sparrow in a savanna (short grassland).

Canoeing 101 - We don't paddle upstream, especially not Bayou Dorcheat.

Meteorology 101 - We get our most accurate weather forecasts from farmers. Their livelihood depends upon making correct weather related decisions. Many farmers have had to declare bankruptcy lately.

Hydrology 101 - We get our word meander, from the Menderes River in Turkey. Most rivers meander but only one is named the meandering river. It is crooked as a snake.

Herpetology 101 - Don't fear snakes. They fear you. Let us form a peace commission and reach a friendly agreement with snakes. Then bash 'em.

Ichthyology 101 - Little fish are eaten by bigger fish as soon as they sight 'em, this process continues ad infinitum. If you gotta be a fish, be the biggest one, or the fastest.

Botany 101 - Don't pick poison ivy for the flowers or the berries. Pick it for the lovely red rash.

GULF COAST BIRD OBSERVATORY SMITH POINT HAWK WATCH WEEKEND

Nome spend the week-end of September 19-21 in Los Gansos Lodge on the shores of Galveston Bay just a short distance from Candy Abshier Wildlife Management Area site of the spectacular Smith Point Hawk Watch.

Workshops, field trips and evening programs focusing on hawk identification and Smith Point history will fill the weekend. The \$175 fee includes two nights lodging, 5 meals, workshops, talks and field trips. For information or to sign up, contact Heather Chunn, Asst. to the Director, Gulf Coast Bird Observatory, 9800 Richmond Avenue, Suite 150, Houston, Texas 77042 (713-789-GCBO; fax 713-789-4260)

NEXT BOARD MEETING

The next meeting of the BSG Board of Directors will be 9 September 1997, 7:00 p.m. at the Museum.

NEWS FROM THE LIBRARY

by Jim Ingold, Librarian

A copy of James D. Rising's, "A Guide to the Identification and Natural History of The Sparrows of the United States and Canada" was donated to the library. Published in 1996 by Academic Press, it has illustrations by David D. Beadle.

Color plates depict all of the sparrows, towhees, juncos, grassquits, longspurs, and true buntings that occur in the United States. Each plate has not only adult male and female but also various juvenal and winter plumages as well as plumages differences between subspecies. Included in the text portion of the book are distribution maps in color as well as abundance maps based on Breeding Bird Survey data.

The group has purchased two copies of "A Guide to Bird Education Resources." This book is intended for those who teach in elementary and secondary schools and gives information on where and how to obtain useful information on teaching about birds.

The Bird Study Group Library holdings are now online as part of our web page. This includes not only the books, but also magazines and journals, the checklist file, the Birds of North America accounts, and miscellaneous materials.

RENEW YOUR MEMBERSHIP NOW

Check the mailing label on this newsletter to see if you need to renew your membership. Shirley Huss will take renewals at the next meeting or mail your renewal to the museum.

DORCHEAT BAYOU CANOE TRIP - MAY 24, 1997

by Hubert Hervey

Torthwestern Louisiana has some beautiful waterways for us to enjoy and Dorcheat Bayou certainly ranks up there with your particular favorite. Since it is adjacent to Bodcau Bayou, comparisons are inevitable. Dorcheat Bayou differs in that it is free flowing, without an upstream dam. Therefore, the water level is subject to greater fluctuation. On our Bird Study Group canoe trip we noticed debris ten or twelve feet high in the trees and bushes. We also battled a stronger current going upstream than any I have experienced on Bodcau Bayou. It was not easy to paddle against the current. The large cypress trees along the banks of both streams are similar, but perhaps Dorcheat has a more varied plant population. We noted water elm and swamp privet on Dorcheat Bayou.

Our trip was neatly tucked in between an 8:30 a.m. shower and a 12:30 p.m. shower. Making a lucky guess at the weather, Roy Henderson and I decided to shorten the trip length by paddling upstream from Dixie Inn to a gravel area for our first and only real stop. Then we returned to the parking lot from which we started. This saved time because we didn't have to carpool upstream to put in the canoes. Most of us had returned before the rain started and those that were still on the bayou, seemed to enjoy the experience anyway.

I had a bird list of 42 species, some of which I only heard, like Yellow-breasted Chat and Yellow-throated Vireo, the chat because it likes thickets and the vireo because it likes thick foliage near the tree tops. It is difficult to bird from a canoe in a steadily flowing stream. By the time you locate the bird, the canoe has often drifted past the best location for viewing it. Because of the threatening weather, no one wanted to really linger and enjoy leisurely birding along the way. However, the scenic nature of this area made it a delightful trip. I hope the next time we can float it all the way downstream from Lorax, as we had originally planned. Thanks go to Mark Norris Canoe Outfitters for furnishing the canoes and to Roy Henderson for scouting and leading such a good trip. We had nine canoes of birders and would be birders participate.

NEW NAMES

by Mac Hardy

The 41st supplement to the American Ornithologists' Union Check-list of North American Birds (The Auk 114(3):542-552, July, 1997) contains some changes that

apply to the species on our local check list. The changes are as follows:

Family Cathartidae has been moved from order Falconiformes to order Ciconiiformes, following Ciconiidae

Falconidae consists of three subfamilies (all of our species are in the Falconinae).

The subfamily for the New World quail has been raised to the family Odontophoridae.

The scientific name of the American Golden-Plover is corrected from *Pluvialis dominicus* to *P. dominica*.

The **Burrowing Owl** continues to be listed as *Athene* cunicularia, not in the genus *Speotyto*.

The scientific name of the Olive-sided Flycatcher is changed from Contopus borealis to C. cooperi.

The Cliff Swallow (pyrrhonota) and Cave Swallow (fulva) have been moved from Hirundo to Petrochelidon.

The Carolina Chickadee (carolinensis) has been moved from Parus to Poecile.

The **Tufted Titmouse** (bicolor) has been moved from Parus to Baeolophus.

The kinglets (Ruby-crowned Kinglet and Goldencrowned Kinglet) have been moved from the family Muscicapidae to the family Regulidae.

The Solitary Vireo (Vireo solitarius) has been divided into three speceis: V. solitarius, Blue-headed Vireo; V. cassinii, Cassin's Vireo; and V. plumbeus, Plumbeous Vireo. Only the Blue-headed Vireo occurs in our area; others are western.

The subfamilies Cardinalinae and Emberizinae have both been raised to family level and Cardinalidae has been moved to follow Emberizidae.

The sequence of sparrows in the genus Zonotrichia is:

White-throated Sparrow (albicollis), Harris'
Sparrow (querula), White-crowned Sparrow
(leucophrys), and Golden-crowned Sparrow
(atricapilla).

The sequence of grackles in the genus *Quiscalus* is: Common Grackle (quiscula) and Great-tailed Grackle (mexicanus).

New sequences are: ... Laniidae, Vireonidae, Corvidae, Bombycillidae, etc., and Sturnidae follows Mimidae.

The subfamilies of Muscicapidae and Emberizidae have been returned to family status.

MINUTES OF REGULAR MEETING 10 JUNE 1997

Speaker: Dr. Patricia Bates, LSUS, Department of English—Caroline Dorman's Story of Kisatchie

Business Meeting:

Treasurer's Report: Hibernia balance --\$362.83, Gift Shop -- \$188.16

Bird Reports: Bird report forms are available for summer use.

Bird Hot Spots: Larry Raymond reported that the committee is making progress in compiling birding hot spots.

Field Trips: Hubert Hervey reported that Black-necked Stilts were seen on the June 7 trip to Kisatchie. They are nesting on top of round hay bales. The trip to BAFB rookery is June 21. There are 28 nests of Least Terns on Red River. Contact Hubert and he will take you there. The site is in Bossier Parish near Clark's landing. It is about 5 minutes to the rookery. You can take a canoe.

Newsletter: Mac Hardy has gotten out his last issue of the newsletter in June. Jim Ingold will be taking over. Please submit articles to him over the summer.

Membership: No report.

Phone Tree: No report.

Programs: Paul Dickson will do a program on waterfowl at the September meeting.

New Business: New officers were listed in the last issue of the newsletter. A Texas Coastal Birding Map is available from Texas Parks and Wildlife. Call 1-800-792-1112, X4937. The club will purchase a videotape from the Gulf Coast Bird Observatory.

BIRD NOTES - MAY - AUGUST

Compiled August 20 1997

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, 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	Athie Bell	06/10/97 Residence: Shreveport
BillW	Bill Wood	05/27/97 Shreveport: 70th St. & Jimmy Davis Bridge

Abbreviation		e and Place
BSG	Bird Study Group	05/24/97 Dorcheat Bayou; 06/07/97 I-49 at Powhatan exit; 06/07/97 Kisatchie National Forest, Longleaf Trail; 06/07/97 Powhatan - I-49 Barrow Pits; 06/21/97 BAFB Rookery by Red Chute; 08/03/97 Shreveport: vicinity of
		Barnwell Center (estimate 230,000 birds)
BW&SH	Bobbe Wommack Bobbe Wommack & Shirley Huss	05/21/97 Residence: Shreveport; 05/31/97 Residence: Shreveport 07/08/97 Cypress Lake/Black Bayou Rec. Area/Hwy. 162/Crouch Rd./ Linton Rd
DR	Dick Rolandt	05/11/97 Bayou Pierre Area, 70th St. to Inner Loop
н&РН	Hubert & Pat Hervey	06/06/97 Powhatan I-49 exit; 06/12/97 Hwy. 169 to Spring Ridge; 06/12/97 Longstreet to Keatchie by Par. 44 to Caddo Parish on 789; 06/12/97 Longstreet to Keatchie by Wood Spring Rd.; 06/18/97 Clarks Island - Red River; 06/19/97 Cypress Lake - upper end; 06/21/97 Powhatan exit I-49 Barrow Pits; 07/09/97 Wardview; 08/10/97 Powhatan area
НН	Hubert Hervey	05/05/97 Grand Bayou; 05/30/97 Cypress Lake Bayou - so of dam; 06/27/97 Powhatan exit I-49 Barrow Pits; 07/09/97 Red River - Ark. line to Dixie
нн&л	Hubert Hervey and Jim Ingold	06/09/97 DeSoto Par. line 169 to Spring Ridge; 06/09/97 Longstreet to Keatchie-Hwy.5 to Cypress Bayou on Hwy. 169;
HH&SH	Hubert Hervey and Steve Hervey	07/10/97 Lock & Dam 5
HH&TD	Hubert Hervey and Terry Davis	08/09/97 2 - 3 miles west of Powhatan - La. Turf Farm; 08/09/97 Lock & Dam 5; 08/09/97 Long Lake Rookery; 08/09/97 Powhatan exit - I-49 Barrow Pits; 08/09/97 Sibley Lake; 08/09/97 U.S. Fish Hatchery
ННо	Helen Hood	05/20/97 Residence: Shreveport; 05/24/97 Residence: Shreveport
J&JT	Jeff & Jean Trahan	05/26/97 Shreveport: C. Bickham-Dickson Park
Л	Jim Ingold	06/02/97 Residence: Bossier City; 07/04/97 Residence: Bossier City; 07/08/97 Residence: Bossier City; 08/03/97 Bossier City: Jct. Hamilton Rd. & Martin St.; 08/14/97 Bossier City: residence.; 08/19/97 Bossier City: residence.
JI&ML	Jim Ingold & Marc Lukens	08/05/97 Shreveport: Barnwell Center (estimate 75,000 birds); 08/19/97 Shreveport: Barnwell Center (estimate 30,000 birds)
КК,НС,МL&Л	Keith Kimmerle, H. Coates, Marc Lukens, Jim Ingold	08/01/97 Shreveport: Barnwell Center (estimate 200,000 birds)
LR, MH & JT	Larry Raymond, Mac Hardy&Judy Townes	06/06/97 Shreveport: Bickham-Dickson Park
LRR	Larry R. Raymond	05/18/97 6675 North Park Circle; 05/25/97 Shreveport: Bickham-Dickson Park
LRR, MH & KF MT	Larry R. Raymond, Mac Hardy & Kim Freeman Margo Tuller	06/07/97 James Bayou Natural Area 05/17/97 Residence: Shreveport; 05/20/97 Residence: Shreveport; 05/21/97 Residence: Shreveport; 07/10/97 Residence: 7543 Millbrook Dr.
PD	Paul Dickson	05/17/97 On Red River from Shreveport to Lock&Dam #5; 05/19/97 On Red River from Shreveport to Lock&Dam #5; 05/19/97 On Red River-Lock&Dam #5; 05/31/97 On Red River-Lock&Dam #5; 05/31/97 On Red River-Lock&Dam #5; 05/31/97 On Red River-Lock&Dam P6; 05/31/97 On Red River-Rock&Dam P60/18/5; 06/01/97 On Red River; 06/02/97 Farm on Leonard Rd; 06/02/97 Red River Pool#5; 06/12/97 Red River Pool#5; 06/13/97 Red River @ Elm Grove; 06/20/97 Sandbar on Red River; 06/27/97 Sandbar on Red River; 06/30/97 Sandbar on Red River; 07/01/97 Sandbar on Red River; 07/02/97 Red River Port to Sandbar(2.5 m. N.of L&D #5); 07/08/97 Big Pond Sandbars on Red River(2 m. upstream from Lock&Dam #5); 07/08/97 Clark's Sandbar on Red River; 07/09/97 Big Pond Sandbars on Red River(2 m. upstream from Lock&Dam #5); 07/09/97 Clark's Sandbar on Red River(2 m. upstream from Lock&Dam #5); 07/19/97 Red River; 07/22/97 Red River Pool #5; 07/23/97 Leonard Road deer farm; 07/28/97 Red River between Elm Grove and Clark's sandbar; 07/29/97 Red River Pool #5 at Clark's sandbar; 07/30/97 Red River between Elm Grove and Clark's sandbar; 07/29/97 Red Clark's sandbar; 07/29/97 Red River Pool #5 at Clark's sandbar; 07/30/97 Red River between Elm Grove and Clark's sandbar; 07/29/97 Red River Pool #5 at Clark's sandbar; 07/30/97 Red River between Elm Grove and Clark's sandbar; 07/29/97 Red River Pool #5 at Clark's sandbar; 07/30/97 Red River between Elm Grove and Clark's sandbar; 07/29/97 Red River Pool #5 at Clark's sandbar; 07/30/97 Red River between Elm Grove and Clark's sandbar; 07/29/97 Red River Pool #5 at Clark's sandbar; 07/30/97 Red River between Elm Grove and Clark's sandbar; 07/29/97 Red River Pool #5 at Clark's sandbar; 07/30/97 Red River between Elm Grove and Clark's sandbar; 07/29/97 Red River Pool #5 at Clark's sandbar; 07/30/97 Red River between Elm Grove and Clark's sandbar; 07/30/97 Red River Pool #5 at Clark's sandbar; 07/30/97 Red River between Elm Grove and Clark's sandbar; 07/30/97 Red River Pool #5 at Clark's sandbar; 07/30/97 Red River bet
RS	Rosemary Seidler	07/16/97 I-49 near Powhatan exit; 07/22/97 Bickham-Dickson Park; Seidler 07/26/97 Ford Park area, So. Lakeshore Dr.; 07/26/97 Progressive Men's Club, So. Lakeshore; 07/26/97 Richard Fleming Park-North Lakeshore Dr; 07/26/97 South Lakeshore-West End; 07/26/97 Walter B. Jacobs Park; 07/27/97 Lock&Dam #5 & Clark's Marina; 07/27/97 Poole Rd.
RS,J&JT T&SD	Rosemary Seidler, Jean & Jeff Trahan Terry & Stella Davis	06/29/97 I-49 near Powhatan exit 05/24/97 Lake Bistineau area to Ringgold; Terry & Stella Davis 06/15/97 Corney Lake - Kisatchie; 06/21/97 Toney Rd. off Lake Bistincau Rd.
TD	Terry Davis	06/15/97 Corney Lake - Kisatchie; 06/21/97 Toney Rd. off Lake Bistineau Rd. 05/15/97 Boat launch near Stoner; 05/15/97 Oxbow Area between Dixie Garden & Champion Lake; 05/15/97 Red River near Arthur Ray Teague & McDade; 05/16/97 Boat launch at Arthur Ray Teague Parkway; 05/21/97 Ford Park & Wells Island Rd. near Downtown Airport; 05/25/97 Hwy. 538 between Blanchard & Mooringsport; 05/27/97 1-220 near Blanchard exit; 05/29/97 Hwy. 538 between Blanchard & Mooringsport; 05/05/97 Hwy. 1 at Old Mooringsport Rd.; 06/06/97 Jefferson Paige & Jolly Napier intersection

Common Name	Data
Pied-billed Grebe	06/07/97 BSG 4, 06/27/97 HH 1, 07/16/97 RS 2, 08/09/97 HH&TD 2
American White Pelican	05/19/97 PD 1, 05/19/97 PD 1, 07/26/97 RS 1
Double-crested Cormorant	05/05/97 HH 22, 05/19/97 PD 1, 05/19/97 PD 1, 06/06/97 LR, MH & JT 1, 07/10/97 HH&SH 2, 08/09/97 HH&TD 1
Anhinga	05/24/97 BSG 1, 05/24/97 T&SD 1, 06/06/97 H&PH 1, 06/07/97 BSG 2, 06/21/97 BSG 20, 06/29/97 RS,J&JT 1, 07/16/97 RS 2, 07/27/97 RS 2, 08/10/97 H&PH 2
Great Blue Heron	05/05/97 HH 1, 05/24/97 T&SD 2, 05/25/97 LRR 2, 06/06/97 LR, MH & JT 2, 06/06/97 H&PH 3, 06/07/97 BSG 5, 06/09/97 HH&JI 1, 06/12/97 H&PH 1, 06/18/97
	H&PH 1, 06/19/97 H&PH 4, 06/21/97 BSG 2, 07/08/97 BW&SH 3, 07/09/97 HH 24, 07/10/97 HH&SH 2, 07/16/97 RS 18, 07/26/97 RS 1, 07
Great Egret	KS 1, 0//2//9/ KS 4, 09/9/9/ HH&LD 1, 09/9/9/ HH&LD 1, 09/9/9/ HH&LD 4, 09/10/9/ HH 2, 05/24/9/ BSG 8, 05/24/97 BSG 8, 05/24/97 BSG 8, 05/24/97 BSG 8, 05/24/97 BSG 14, 06/07/97 LRR, MH & KF 1, 06/18/97
Great Egret	H&PH 1, 06/19/97 H&PH 9, 06/21/97 BSG 30, 06/21/97 H&PH 4, 06/27/97 HH 1, 06/29/97 RS J&TT 1, 06/29/97 RS J&JT 1, 07/08/97 BW&SH 2, 07/09/97 HH 7,
	07/10/97 HH&SH 6, 07/16/97 RS 11, 07/22/97 RS 4, 07/26/97 RS 1, 07/26/97 RS 1, 07/27/97 RS 18, 07/27/97 RS 7, 08/09/97 HH&TD 4, 08/09/97
	HH&TD 4, 08/09/97 HH&TD 10, 08/09/97 HH&TD 3, 08/09/97 HH&TD 4, 08/10/97 H&PH 5
Snowy Egret	05/11/97 DR 3, 05/25/97 LRR 4, 05/30/97 HH 2, 06/06/97 LR, MH & JT 1, 06/06/97 H&PH 4, 06/07/97 BSG 8, 06/19/97 H&PH 2, 06/21/97 H&PH 3, 06/21/97
	BSG 40, 07/09/97 HH 36, 07/10/97 HH&SH 20, 07/16/97 RS 11, 07/22/97 RS 2, 07/27/97 RS 2, 08/09/97 HH&TD 6, 08/09/97 HH&TD 4, 08/09/97 HH&TD 5,
	08/09/97 HH&TD 6, 08/09/97 HH&TD 6, 08/10/97 H&PH 60
Little Blue Heron	05/24/97 BSG 2, 05/25/97 LRR 1, 05/30/97 HH 3, 06/06/97 H&PH 6, 06/07/97 BSG 20, 06/07/97 LRR, MH & KF 1, 06/09/97 HH&JI 2, 06/12/97 H&PH 1, 06/19/97 H&PH 4, 06/21/97 H&PH 4, 06/21/97 H&PH 4, 06/21/97 H&J&J T 1, 06/29/97 RS,J&JT 1, 07/08/97 BW&SH 1, 07/09/97 HH 4, 07/10/97
	06/1999 H&PH 4, 06/21/97 BSG 1500, 06/21/97 H&PH 4, 06/21/97 HH 2, 06/2997 KS, J&J 1, 07/2997 BS 3, 07/22/97 RS 3, 07/22/97 RS 4, 07/21/97 RS 4, 08/29/97 HH&TD 10, 08/09/97 HH&TD 50, 08/09/97 HH&TD 10, 0
	HIACSE 2, 07/10/97 H&PH 100
Tricolored Heron	06/07/97 BSG 1, 06/21/97 BSG 4, 06/21/97 H&PH 1, 07/16/97 RS 1, 08/09/97 HH&TD 1
Cattle Egret	05/05/97 HH 2, 05/24/97 T&D 35, 05/30/97 HH 5, 06/06/97 H&PH 20, 06/07/97 BSG 50, 06/12/97 H&PH 3, 06/12/97 H&PH 3/12/97 H&PH 3/12/97 H&PH 3/12/97 H&PH 3/12/97 H&PH 3/12/97 H&P
26.01	H&PH 2, 06/21/97 H&PH 20, 06/21/97 BSG 2000, 06/27/97 HH 40, 06/29/97 RS,J&JT 1, 06/29/97 RS,J&JT 1, 07/08/97 BW&SH 4, 07/09/97 H&PH 15, 07/09/97
	HH 375, 07/10/97 HH&SH 30, 07/16/97 RS 16, 07/22/97 RS 7, 07/27/97 RS 25, 07/27/97 RS 48, 08/03/97 JI 5, 08/09/97 HH&TD 1000, 08/09/97 HH&TD 40,
	08/09/97 HH&TD 20, 08/09/97 HH&TD 150, 08/10/97 H&PH 500
Green Heron	05/24/97 BSG 1, 05/25/97 LRR 1, 06/12/97 H&PH 1, 06/12/97 H&PH 1, 06/19/97 H&PH 14, 06/21/97 H&PH 1, 06/21/97 BSG 1, 07/08/97 BW&SH 3, 07/09/97 HH
	1, 07/26/97 RS 1, 08/10/97 H&PH 2
Yellow-crowned Night-Heron	65/25/97 LRR 1, 05/27/97 TD 8, 05/30/97 HH 1, 06/07/97 BSG 2, 06/12/97 H&PH 1, 1, 06/12/97 H&PH 1, 06/19/97 H&PH 6, 06/29/97 RS,J&JT 1, 07/04/97 JI 3, 02/27/97 BS, 18/00/27 HS,DH 1, 06/00/27 HS,DH 1, 06/00/27 HS,DH 1, 06/00/27 HS,DH 1, 06/00/27 HS,DH 1, 06/19/97 H
White Ibis	07/22/97 RS 1, 08/09/97 HH&TD 1, 08/09/97 HH&TD 2, 08/10/97 H&PH 6, 08/14/97 JI 1, 08/19/97 JI 1 05/25/97 LRR 2, 05/30/97 HH 22, 06/06/97 H&PH 8, 06/07/97 BSG 35, 06/12/97 H&PH 1, 06/21/97 BSG 75, 06/27/97 HH 1, 06/29/97 RS,J&JT 1, 07/16/97 RS 2,
** mac 1045	03/23/9/ LH&TD 3, 08/09/97 HH&TD 9, 08/09/97 HH&TD 8, 08/10/97 H&PH 50
Black-bellied Whistling-Duck	07/23/97 PD 2
Wood Duck	05/24/97 BSG 2, 05/25/97 LRR 2, 05/30/97 HH 3, 06/09/97 HH&JI 1, 06/19/97 H&PH 20, 06/21/97 BSG 2, 07/26/97 RS 8, 08/09/97 HH&TD 7, 08/09/97 HH&TD
	8, 08/10/97 H&PH 2
Mailard	05/30/97 нн 4, 06/01/97 PD 2, 06/06/97 Н&РН 26, 06/21/97 Н&РН 3, 06/27/97 нН 8, 07/16/97 RS 9
Blue-winged Teal	06/02/97 PD 3, 06/06/97 H&PH 2, 06/07/97 BSG 2, 06/07/97 BSG 2, 06/27/97 HH 7, 07/22/97 RS 2
Gadwall	06/12/97 PD 1
Black Vulture	05/24/97 T&SD 8, 05/30/97 HH 8, 06/06/97 H&PH 2, 06/07/97 BSG 7, 06/12/97 H&PH 10, 06/12/97 H&PH 10, 06/12/97 H&PH 4, 06/19/97 H&PH 3, 06/21/97 H&PH 1, 06/29/97 RSJ&JT 1, 07/09/97 HH 2, 07/10/97 HH&SH 6, 08/09/97 HH&TD 1, 08/10/97 H&PH 2
Turkey Vulture	05/05/97 HB 14, 05/24/97 T&SD 5, 05/25/97 LRR 1, 05/30/97 HH 3, 06/06/97 HB H 10, 06/07/97 BSG 4, 06/12/97 H&PH 30, 06/1
Turkey valuate	30, 06/19/97 H&PH 2, 06/21/97 BSG 2, 06/21/97 H&PH 2, 06/29/97 RS, L&JT 1, 07/09/97 HH 3, 07/10/97 HH&SH 4, 07/16/97 RS 1, 07/26/97 RS 1, 08/09/97
	HH&TD 1, 08/10/97 H&PH 6
Mississippi Kite	05/05/97 HH 2, 05/30/97 HH 8, 06/21/97 BSG 7, 07/04/97 JI 1, 07/08/97 JI 1, 07/08/97 BW&SH 1, 07/09/97 HH 24, 08/09/97 HH&TD 1, 08/10/97 H&PH 12
Baid Eagle	05/05/97 HH 1, 06/19/97 H&PH 1
Red-shouldered Hawk	05/24/97 BSG 1, 06/07/97 LRR, MH & KF 1, 06/09/97 HH&JI 1, 06/12/97 H&PH 1, 06/12/97 H&PH 1, 06/21/97 BSG 2, 06/29/97 RS,J&JT 1, 07/08/97 BW&SH 1,
	07/26/97 RS 1, 07/26/97 RS 1
Broad-winged Hawk	05/24/97 T&SD 1, 06/29/97 RS,J&JT 1
Red-tailed Hawk	05/11/97 DR 2, 05/24/97 T&SD 1, 05/25/97 LRR 1, 06/06/97 H&PH 1, 06/29/97 RS,J&JT 1, 07/09/97 HH 1, 07/10/97 HH&SH 2, 07/16/97 RS 1, 07/22/97 RS 1, 07/27/97 RS 3
Northern Bobwhite	072.797 RS3 052.497 T&SD 4, 06/09/97 HH&用 1, 06/12/97 H&PH 7, 08/10/97 H&PH 2
Common Moorhen	06/21/97 H&PH 2, 07/16/97 RS 1
American Coot	06/07/97 BSG 3, 06/07/97 BSG 3, 06/21/97 H&PH 3, 06/27/97 HH 2, 07/16/97 RS 1, 08/09/97 HH&TD 2
Semipalmated Sandpiper	06/30/97 PD 1
Piping Plover	07/08/97 PD 1
Killdeer	05/24/97 T&SD 2, 05/25/97 LRR 8, 06/06/97 LR, MH & JT 3, 06/06/97 H&PH 6, 06/07/97 BSG 7, 06/12/97 H&PH 1, 06/21/97 BSG 1, 06/12/97 H&PH 9, 06/27/97
	HH 3, 06/29/97 RS,L&IT 1, 07/09/97 HH 14, 07/10/97 HH&SH 2, 07/16/97 RS 7, 07/22/97 RS 5, 07/22/97 PD 35, 07/26/97 RS 1, 07/27/97 RS 6, 08/03/97 II 2, 08/09/97 HH&TD 4, 08/09/97 HH&TD 6, 08/09/97 HH&TD 2, 08/09/97 HH&TD 12, 08/09/97 HH&TD 13, 08/10/97 H&PH 75
Black-necked Stilt	08/09/97 Hare ID 4, 08/07/97 BGG 14, 06/07/97 BGG 16, 06/18/97 Hare H 2, 06/20/97 PD 3, 06/21/97 Hare ID 1, 08/07/97 HH 2, 06/27/97 PD 4, 06/30/97 PD 5,
Black-liecked Still	07/16/97 RS 8, 08/09/97 HH&TD 5
American Avocet	07/16/97 RS 2
Greater Yellowlegs	07/16/97 RS 2, 07/28/97 PD 1, 08/10/97 H&PH 1
Lesser Yellowlegs	06/30/97 PD 4, 07/08/97 PD 10, 07/09/97 PD 1, 07/09/97 PD 10, 07/16/97 RS 4, 07/28/97 PD 2, 08/09/97 HH&TD 6
Solitary Sandpiper	07/28/97 PD 3, 08/09/97 HH&TD 2
Willet	07/09/97 PD 1
Spotted Sandpiper	05/25/97 LRR 3, 05/30/97 HH 1, 07/09/97 HH 2, 07/09/97 PD 1, 07/28/97 PD 9, 07/29/97 PD 6, 08/09/97 HH&TD 5, 08/09/97 HH&TD 2 07/30/97 PD 1, 08/09/97 HH&TD 2
Ruddy Turnstone Red Knot	0/3/4/97 PD 1
Sanderling	06/18/97 H&PH 1, 08/09/97 HH&TD 3
Semipalmated Sandpiper	05/31/97 PD 40, 06/01/97 PD 60, 06/02/97 PD 12, 06/27/97 PD 3, 07/01/97 PD 1, 07/02/97 PD 25, 07/08/97 PD 6, 07/08/97 PD 18, 07/09/97 PD 20, 07/09/97 PD 37,
	07/22/97 PD 37, 07/28/97 PD 46, 07/29/97 PD 5, 07/30/97 PD 2, 08/09/97 HH&TD 10
Western Sandpiper	06/30/97 PD 2, 07/01/97 PD 8, 07/02/97 PD 14, 07/08/97 PD 4, 07/08/97 PD 7, 07/09/97 PD 18, 07/09/97 HH 4, 07/22/97 PD 25, 07/27/97 RS 1, 07/28/97 PD 29,
	07/29/97 PD 1, 08/10/97 H&PH 5
Least Sandpiper	07/09/97 HH 78, 07/09/97 PD 4, 07/09/97 PD 7, 07/27/97 RS 12, 07/28/97 PD 32, 07/30/97 PD 32, 07/30/97 PD 12
White-rumped Sandpiper	05/26/97 J&IT 8, 05/31/97 PD 10, 06/01/97 PD 24, 06/02/97 PD 4, 06/07/97 BSG 4, 06/07/97 BSG 4, 06/13/97 PD 6, 06/27/97 PD 1 08/09/97 HH&TD 20, 08/10/97 H&PH 3
Pectoral Sandpiper Stilt Sandpiper	08/09/9/ HH& ID 20, 08/09/9 H&PH 3 07/22/97 PD 4, 07/28/97 PD 3, 07/29/97 PD 26
Short-billed Dowitcher	07/09/97 PD 2, 07/29/97 PD 1
Long-billed Dowitcher	07/28/97 PD 25, 07/29/97 PD 7, 07/30/97 PD 2
Common Snipe	07/16/97 RS 1
Wilson's Phalarope	08/09/97 HH&TD 1
Laughing Gull	07/10/97 HH&SH 2
Ring-bill Gull	05/31/97 PD 1
Caspian Tern	05/17/97 PD 1, 05/31/97 PD 6, 06/15/97 PD 1 05/05/07 UH A 05/77/07 DD A 07/08/07 DD 2
Forster's Tern Least Tern	05/05/97 HH 4, 06/27/97 PD 4, 07/08/97 PD 2 05/17/97 PD 6, 05/27/97 BillW 1, 05/30/97 HH 2, 05/31/97 PD 40, 06/01/97 PD 60, 06/02/97 PD 25, 06/12/97 PD 80, 06/18/97 H&PH 60, 06/30/97 PD 2, 07/10/97
Least 1011	05/1/97/PD 0, 05/2/97 RS 1. 07/22/97 PD 80, 06/2/97 PD 90, 06/02/97 PD 25, 06/12/97 PD 90, 06/13/97 PD 90, 06/
Black Tern	05/17/97 PD 120, 05/31/97 PD 8, 06/01/97 PD 12, 06/02/97 PD 18, 07/19/97 PD 1, 07/28/97 PD 37, 07/29/97 PD 2, 08/09/97 HH&TD 6, 08/09/97 HH&TD 24,
	08/09/97 HH&TD 2, 08/09/97 HH&TD 6
Rock Dove	06/02/97 II 2, 06/06/97 H&PH 4, 06/09/97 HH&H 2, 06/12/97 H&PH 1, 06/12/97 H&PH 6, 06/12/97 H&PH 6, 07/22/97 RS 6, 07/26/97 RS 1, 07/27/97 RS 40,
	08/03/97 JI 1, 08/09/97 HH&TD 20
Mourning Dove	05/05/97 HH 3, 05/11/97 DR 6, 05/20/97 MT 8, 05/24/97 HHo 6, 05/24/97 T&SD 10, 05/25/97 LR R 2, 06/02/97 II 1, 06/06/97 LR, MH & JT 2, 06/06/97 H&PH 2,
	06/07/97 BSG 6, 06/09/97 HH&Л 3, 06/09/97 HH&Л 8, 06/10/97 AB 6, 06/12/97 H&PH 21, 06/12/97 H&PH 3, 06/12/97
	RS, J&TT 1, 07/08/97 BW&SH 4, 07/09/97 HH 6, 07/10/97 MT 6, 07/16/97 RS 7, 07/22/97 RS 10, 07/26/97 RS 1, 07/26/97 RS 1, 07/26/97 RS 1, 07/26/97 RS 20, 08/03/97 II 30, 08/09/97 HH&TD 2, 08/09/97 HH&TD 10, 08/09/97 HH&TD 7, 08/14/97 II 8, 08/19/97 II 15

Common Name	Data
Inca Dove	07/04/97 Л 2, 08/19/97 Л 2
Yellow-billed Cuckoo	05/21/97 MT 1, 05/24/97 BSG 3, 05/24/97 T&SD 4, 05/25/97 LRR 1, 05/30/97 HH 2, 06/07/97 LRR, MH & KF 3, 06/09/97 HH&N 4, 06/09/97 HH&N 4, 06/12/97 H&PH 2, 06/12/97 H&PH 8, 06/12/97 H&PH 8, 06/12/97 H&PH 1, 06/19/97 H&PH 4, 06/21/97 BSG 5, 07/08/97 BW&SH 1, 07/09/97 HH 2
Greater Roadrunner	07/16/97 RS 2
Eastern Screech Owl	07/26/97 RS 1, 06/06/97 LR, MH & JT 1
Great Horned Owl	08/10/97 H&PH 1
Barred Owl Common Nighthawk	06/07/97 LRR, MH & KF 1, 08/10/97 H&PH 2 05/19/97 PD 30, 05/19/97 PD 30, 08/03/97 Л 5, 08/14/97 Л 3, 08/19/97 Л 1
Chuck-will's-widow	05/18/97 LRR 1
Chimney Swift	05/11/97 DR 7, 05/20/97 MT 15, 05/24/97 T&SD 10, 05/24/97 BSG 14, 05/25/97 LRR 1, 06/06/97 LR, MH & JT 1, 06/07/97 LRR, MH & KF 1, 06/07/97 BSG 4,
	06/09/97 HH&II 8, 06/12/97 H&PH 4, 06/12/97 H&PH 5, 06/12/97 H&PH 4, 06/21/97 BSG 6, 06/29/97 RS,I&IT 1, 07/08/97 II 2, 07/09/97 HH 4, 07/10/97 MT 6, 07/22/97 RS 2, 07/26/97 RS 1, 07/26/97 RS 1, 07/27/97 RS 4, 08/03/97 II 3, 08/10/97 H&PH 20, 08/14/97 II 4, 08/19/97 II 4
Ruby-throated Hummingbird	05/24/97 HHo 2, 05/24/97 BSG 1, 06/09/97 HH&Л 1, 06/21/97 BSG 1, 07/10/97 MT 1, 07/26/97 RS 1, 07/26/97 RS 1, 07/26/97 RS 2, 08/10/97 H&PH 1, 08/14/97 Л
Belted Kingfisher	2, 08/19/97 II 2
Red-headed Woodpecker	05/24/97 BSG 2, 06/1997 H&PH 2, 07/26/97 RS 1, 07/27/97 RS 1 05/24/97 T&SD 1, 05/31/97 BW 1, 06/09/97 HH&H 1, 06/10/97 AB 2, 06/12/97 H&PH 1, 06/12/97 H&PH 1, 06/12/97 H&PH 3, 06/19/97 H&PH 3, 06/21/97 BSG 1, 07/08/97 BW&SH 1, 08/10/97 H&PH 1
Red-bellied Woodpecker	05/05/97 HH 1, 05/20/97 HHo 2, 05/20/97 MT 4, 05/24/97 T&SD 4, 05/24/97 BSG 3, 05/25/97 LRR 2, 05/31/97 BW 3, 06/06/97 LR, MH & JT 1, 06/07/97 LRR,
	MH & KF 3, 06/09/97 HH&JT 3, 06/09/97 HH&JT 2, 06/10/97 AB 1, 06/12/97 H&PH 6, 06/12/97 H&PH 12, 06/12/97 H&PH 16, 06/19/97 H&PH 1, 06/21/97 BS 2, 06/29/97 RS 2, 07/26/97 RS 1, 07/26/97
Downy Woodpecker	05/24/97 T&SD 4, 05/24/97 BSG 1, 05/25/97 LRR 1, 05/31/97 BW 2, 06/06/97 LR, MH & IT 1, 06/07/97 LRR, MH & KF 1, 06/09/97 HH&JI 1, 06/12/97 H&PH 2, 06/12/97 H&PH 2, 06/12/97 H&PH 2, 06/12/97 H&PH 2, 06/12/97 H&PH 3, 07/25/97 RS 1, 07/25/97 RS 1, 07/25/97 RS 1, 07/25/97 RS 1
Hairy Woodpecker	05/05/97 HH 1, 06/09/97 HH&II 1, 06/12/97 H&PH 1, 06/12/97 H&PH 1, 06/12/97 H&PH 1, 07/09/97 HH 1
Red-cockaded Woodpecker	06/07/97 BSG 1
Northern Flicker	05/24/97 ННо 1, 06/12/97 Н&РН 1, 08/14/97 Л 1
Pileated Woodpecker	05/24/97 T&SD 2, 05/24/97 BSG 1, 05/31/97 BW 1, 06/07/97 LRR, MH & KF 1, 06/09/97 HH&II 1, 06/12/97 H&PH 2, 06/12/97 H&PH 2, 06/12/97 H&PH 1, 06/19/97 H&PH 1, 07/08/97 BW&SH 1
Eastern Wood-Pewee	05/24/97 T&SD 5, 05/24/97 BSG 1, 06/09/97 HH&H 2, 06/12/97 H&PH 5, 06/12/97 H&PH 6, 06/12/97 H&PH 5, 06/21/97 BSG 2, 07/08/97 BW&SH 1, 07/26/97
Acadian Flycatcher	RS 1, 07/26/97 RS 1, 07/27/97 RS 2, 08/10/97 H&PH 3 05/24/97 BSG 7, 05/30/97 HH 6, 06/07/97 LRR, MH & KF 1, 06/09/97 HH&JI 1, 06/19/97 H&PH 1
Eastern Phoebe	06/12/97 H&PH 2, 06/12/97 H&PH 2
Great Crested Flycatcher	05/24/97 T&SD 2, 05/24/97 BSG 3, 05/25/97 LRR 1, 06/02/97 JI 1, 06/07/97 LRR, MH & KF 1, 06/09/97 HH&JI 1, 06/09/97 HH&JI 4, 06/12/97 H&PH 2, 06/12/97
	H&PH 2 06/12/97 H&PH 2 06/19/97 H&PH 1 06/21/97 BSG 1 07/08/97 BW&SH 2
Eastern Kingbird	05/05/97 HH 2, 05/17/97 PD 2, 05/19/97 PD 125, 05/24/97 T&SD 4, 05/25/97 LRR 3, 06/07/97 BSG 1, 06/12/97 H&PH 2, 06/12/97 H&PH 11, 06/12/97 H&PH 2, 06/12/97 H&PH 11, 06/12/97 H&PH 2, 06/12/97 BSG 1, 06/12/9
	07/26/97 RS 1, 08/09/97 HH&TD 1, 08/10/97 H&PH 8
Scissor-tailed Flycatcher	05/25/97 LRR 3, 06/06/97 H&PH 1, 06/07/97 BSG 3, 06/12/97 H&PH 1, 06/12/97 H&PH 2, 06/12/97
Purple Martin	BW&SH 1, 07/09/97 H&PH 30, 07/09/97 HH 8, 07/10/97 MT 1, 07/16/97 RS 1, 07/27/97 RS 4, 07/27/97 RS 2, 08/09/97 HH&TD 2, 08/10/97 H&PH 10 05/20/97 MT 20, 05/24/97 T&SD 30, 05/25/97 LRR 5, 05/30/97 HH 2, 06/06/97 LR, MH & JT 3, 06/06/97 H&PH 4, 06/07/97 BSG 6, 06/09/97 HH&J 8, 06/09/97
Purple Martin	НН&Л 2, 06/12/97 Н&РН 33, 06/12/97 Н&РН 6, 06/12/97 Н&РН 6, 06/21/97 BSG 10, 06/29/97 RS.J&JT 1, 07/02/97 PD 375, 07/04/97 Л 10, 07/08/97 Л 11,
	07/08/97 BW&SH 5, 07/09/97 PD 120, 07/09/97 HH 325, 07/10/97 HH&SH 50, 07/10/97 MT 10, 07/22/97 RS 3, 07/22/97 PD 350, 07/26/97 RS 1, 07/26/97 RS 1,
	07/26/97 RS 1, 07/27/97 RS 6, 07/27/97 RS 18, 07/29/97 PD 500,000 - 1,000,000 (estimated), 07/30/97 PD 2, 08/01/97 KK,HC,ML&II 200,000, 08/03/97 BSG
·	230,000 (estimated), 08/05/97 Jl&ML 75,000 (estimated), 08/09/97 HH&TD 4, 08/14/97 Π 17, 08/19/97 Π 12, 08/19/97 Π&ML 30,000 (estimated)
Tree Swallow Northern Rough-winged Swallow	07/27/97 RS 2 05/24/97 BSG 4, 05/30/97 HH 1, 06/07/97 BSG 3, 06/12/97 H&PH 1, 06/12/97 H&PH 1, 06/18/97 H&PH 1, 07/09/97 HH 30, 07/09/97 PD 40, 07/10/97 HH&SH 15,
Horaterii Koagii-Willgea Swallow	07/26/97 RS 1, 07/27/97 RS 4, 07/30/97 PD 2, 08/09/97 HH&TD 20, 08/09/97 HH&TD 10, 08/09/97 HH&TD 5, 08/10/97 H&PH 20
Bank Swallow	07/27/97 RS 2
Cliff Swallow Barn Swallow	05/05/97 HH 4, 06/07/97 BSG 100, 07/16/97 RS 3, 07/30/97 PD 2, 08/09/97 HH&TD 6, 08/10/97 H&PH 200 05/05/97 HH 24, 05/24/97 T&SD 30, 05/24/97 BSG 6, 05/30/97 HH 12, 06/07/97 BSG 60, 06/09/97 HH&II 3, 06/09/97 HH&II 8, 06/12/97 H&PH 24, 06/12/97
Barn Swallow	03/03/97 FM 24, 03/24/97 1623/5 30, 03/34/97 FM 12, 03/03/97 FM 13, 03/03/97 F
	HH&SH 30, 07/16/97 RS 17, 07/22/97 RS 7, 07/26/97 RS 1, 07/26/97 RS 1, 07/27/97 RS 30, 07/30/97 PD 2, 08/03/97 II 2, 08/09/97 HH&TD 50, 08/09/97 HH&TD
	30, 08/09/97 HH&TD 4, 08/10/97 H&PH 400
Blue Jay	05/20/97 HHo 3, 05/21/97 MT 10, 05/24/97 T&SD 8, 05/24/97 BSG 8, 05/25/97 LRR 1, 05/30/97 HH 3, 06/02/97 JI 1, 06/07/97 LRR, MH & KF 1, 06/09/97 HH&J 6, 06/09/97 HH&JI 13, 06/10/97 AB 6, 06/12/97 H&PH 14, 06/12/97 H&PH 49, 06/12/97 H&PH 14, 06/21/97 BSG 2, 06/29/97 RS,J&IT 1, 07/04/97 JI 1, 07/08/97
	BW&SH 3, 07/09/97 HH 2, 07/10/97 MT 5, 07/16/97 RS 2, 07/22/97 RS 3, 07/26/97 RS 1, 07/26/97 RS
	H&PH 2, 08/14/97 Л 2, 08/19/97 Л 3
American Crow	05/05/97 HH 4, 05/24/97 HHo 3, 05/24/97 T&SD 11, 05/24/97 BSG 4, 05/25/97 LRR 1, 05/30/97 HH 6, 06/06/97 H&PH 3, 06/07/97 LRR, MH & KF 6, 06/07/97
	BSG 15, 06/09/97 HH&II 20, 06/09/97 HH&II 10, 06/12/97 H&PH 24, 06/12/97 H&PH 68, 06/12/97 H&PH 24, 06/19/97 H&PH 3, 06/21/97 BSG 6, 06/29/97 RS,I&IT 1, 07/08/97 BW&SH 4, 07/09/97 HH 6, 07/10/97 MT 1, 07/26/97 RS 1, 07/26/97 RS 1, 07/27/97 RS 14, 08/03/97 II 2, 08/10/97 H&PH 4
Fish Crow	05/24/97 T&SD 5, 05/24/97 BSG 9, 05/25/97 LRR 2, 05/30/97 HH 10, 06/07/97 BSG 40, 06/19/97 H&PH 7, 06/21/97 BSG 12, 07/08/97 BW&SH 1, 07/09/97 HH
	15, 07/10/97 HH&SH 8, 07/16/97 RS 5, 07/26/97 RS 1, 07/26/97 RS 1, 07/26/97 RS 1, 07/26/97 RS 1, 07/27/97 RS 4, 07/27/97 RS 3, 08/10/97 H&PH 6
Carolina Chickadee	05/20/97 HHo 4, 05/21/97 MT 2, 05/24/97 T&SD 20, 05/25/97 LRR 4, 05/31/97 BW 2, 06/06/97 LR, MH & JT 1, 06/07/97 LRR, MH & KF 1, 06/09/97 HH&JI 6,
	06/09/97 HH&JI 2, 06/10/97 AB 2, 06/12/97 H&PH 12, 06/12/97 H&PH 4, 06/12/97 H&PH 12, 06/19/97 H&PH 1, 06/21/97 BSG 3, 06/29/97 RS,J&JT 1, 07/08/97 BW&SH 5, 07/10/97 MT 2, 07/22/97 RS 2, 07/26/97 RS 1,
Tufted Titmouse	BW&SH 3, U1/U99 HI 2, U1/L299 K 8 1, U1/L299 K 8 1, U1/L299 K 8 1, U1/L299 K 8 1, U1/L299 K 8 3,
	AB 1, 06/12/97 H&PH 13, 06/12/97 H&PH 13, 06/12/97 H&PH 16, 06/21/97 BSG 6, 06/29/97 RS,J&JT 1, 07/08/97 BW&SH 3, 07/26/97 RS 3, 07/26/97 RS 1,
White becomed New !	07/26/97 RS 1, 07/26/97 RS 1, 07/26/97 RS 1, 07/27/97 RS 1 6 PD/07/21 Hay 1, 06 PD/07/27/2 0 07/16/07 RS 1
White-breasted Nuthatch Brown-headed Nuthatch	05/20/97 HHo 1, 05/21/97 TD 2, 05/31/97 BW 2, 07/26/97 RS 1 05/24/97 T&SD 5, 05/31/97 BW 2, 06/12/97 H&PH 2, 07/08/97 BW&SH 2, 07/26/97 RS 1
Carolina Wren	05/2497 Hb 2, 05/3197 BW 2, 06/1297 H&PH 2, 07/0897 BWSSH 2, 01/2699 KS 1 05/2097 Hb 2, 05/4497 T&SD 2, 05/2497 BSG 1, 05/25/97 LR 1, 05/3097 HH 1, 05/51/97 BW 2, 06/02/97 JI 1, 06/07/97 LRR, MH & KF 5, 06/09/97 HH&J
	6, 06/12/97 H&PH 5, 06/12/97 H&PH 5, 06/12/97 H&PH 13, 06/19/97 H&PH 1, 06/21/97 BSG 1, 06/29/97 RS,I&IT 1, 07/08/97 BW&SH 3, 07/26/97 RS 1,
C. I W	07/26/97 RS 1, 07/26/97 RS 1, 07/26/97 RS 1, 08/10/97 H&PH 2, 08/14/97 Л 3
Sedge Wren Rhue-gray Gnatcatcher	05/15/97 TD 1 05/24/97 T&SD 12, 05/24/97 BSG 1, 05/30/97 HH 2, 06/07/97 LRR, MH & KF 2, 06/09/97 HH&H 3, 06/12/97 H&PH 2, 06/12/97 H&PH 2, 06/12/97 H&PH 3,
Blue-gray Gnatcatcher	07/26/97 RS 1, 07/26/97 RS 1
Eastern Bluebird	05/24/97 HHo 3, 05/24/97 BSG 2, 05/25/97 LRR 1, 06/06/97 H&PH 2, 06/07/97 BSG 4, 06/12/97 H&PH 2, 06/12/97 H&PH 10, 06/12/97 H&PH 2, 06/12/97 BSG 1, 07/08/97 BW&SH 9, 07/26/97 RS 8, 07/26/97 RS 1, 07/27/97 RS 4, 08/10/97 H&PH 16
Swainson's Thrush	05/16/97 TD 3
	05/24/97 T&SD 4, 06/09/97 HH&JI 2, 06/09/97 HH&JI 2, 06/12/97 H&PH 5, 06/12/97 H&PH 5
Wood Thrush	05/11/97 DR 2, 05/20/97 MT 20, 05/24/97 HHo 2, 05/25/97 LRR 22, 06/06/97 LR, MH & JT 1, 06/10/97 AB 4, 06/12/97 H&PH 1, 06/21/97 BSG 15, 07/04/97 JI 2,
Wood Thrush American Robin	07/08/07 H 2 07/10/07 MT 10 07/22/07 RS 5 07/26/07 RS 3 07/26/07 RS 1 07/27/07 RS 2 08/02/07 H 2 08/12/07 H 2 08/12/07 H 3
American Robin	07/08/97 II 2, 07/10/97 MT 10, 07/22/97 RS 5, 07/26/97 RS 3, 07/26/97 RS 1, 07/27/97 RS 8, 08/03/97 II 2, 08/14/97 II 2, 08/19/97 II 3 05/05/97 HH 3, 05/24/97 T&SD 15, 05/24/97 HHo 2, 05/24/97 BSG 1, 05/25/97 LRR 1, 05/20/97 HH 3, 06/05/97 LR, MH & IT 2, 06/06/97 H&PH 2, 06/07/97 BSG
	05/05/97 HH 3, 05/24/97 T&SD 15, 05/24/97 HHb 2, 05/24/97 BSG 1, 05/25/97 LRR 1, 05/30/97 HH 3, 06/06/97 LR, MH & JT 2, 06/06/97 H&PH 2, 06/07/97 BSG 4, 06/09/97 HHb 1, 06/19/97 HB 3, 06/19/97 HB 3, 06/12/97 H&PH 19, 06/12/97 H&PH 19, 06/19/97 H&
American Robin	05/05/97 HH 3, 05/24/97 T&SD 15, 05/24/97 HH 2, 05/24/97 BSG 1, 05/25/97 LRR 1, 05/30/97 HH 3, 06/06/97 LR, MH & JT 2, 06/06/97 H&PH 2, 06/07/97 BSG 4, 06/09/97 HH&PH 14, 06/07/97 H&PH 3, 06/12/97 H&PH 36, 06/12/97 H&PH 19, 06/12/97 H&PH 19, 06/12/97 H&PH 19, 06/12/97 BSG 1, 06/29/97 RS, J&JT 1, 07/04/97 JJ 1, 07/08/97 BW&SH 4, 07/08/97 HI, 1, 07/09/97 HH 1, 07/10/97 MT 4, 07/16/97 RS 1, 07/22/97 RS 7, 07/26/97 RS 1, 07/26/97 RS
American Robin Northern Mockingbird	65/05/97 HH 3, 05/24/97 T&SD 15, 05/24/97 HH 02, 05/24/97 BSG 1, 05/25/97 LRR 1, 05/30/97 HH 3, 06/06/97 LR, MH & JT 2, 06/06/97 H&PH 2, 06/01/97 BSG 4, 06/09/97 HH&JI 18, 06/10/97 HB, 07/04/97 JI 1, 07/08/97 BW&SH 4, 07/08/97 JI 1, 07/09/97 HH 1, 07/10/97 MT 4, 07/16/97 RS 1, 07/22/97 RS 7, 07/26/97 RS 1, 07/26/9
American Robin Northern Mockingbird Brown Thrasher	05/05/97 HH 3, 05/24/97 T&SD 15, 05/24/97 HH6 2, 05/24/97 BG 1, 05/25/97 LRR 1, 05/30/97 H 3, 06/06/97 LR, MH & JT 2, 06/06/97 HAPH 12, 06/07/97 BG 4, 06/09/97 HHAPH 19, 06/09/97 HAPH 19, 06/07/97 HAPH 19, 07/07/97 HAPH 19, 07/0
American Robin Northern Mockingbird	05/05/97 HH3, 05/24/97 T&SD 15, 05/24/97 HH6, 2, 05/24/97 BSG 1, 05/25/97 LRR 1, 05/30/97 HH3, 06/06/97 LR, MH & JT 2, 06/06/97 HAPH 2, 06/07/97 BSG 4, 06/09/97 HHBAT 19, 06/09/97 HAPH 19, 06/12/97 BSG 1, 06/25/97 RS 1, 06/12/97 BSG 1, 06/12/97 BSG 3, 06/12/97 HAPH 19, 06/12/97 BSG 1, 07/22/97 RS 7, 07/26/97 RS 1, 07/26
American Robin Northern Mockingbird Brown Thrasher Codar Waxwing	05/05/97 HH3, 05/24/97 T&SD 15, 05/24/97 HAP 2, 05/24/97 BSG 1, 05/25/97 LRR 1, 05/30/97 HAP 11, 06/06/97 LR, MH & JT 2, 06/06/97 HAP 11, 06/06/97 HAP 11, 06/06/97 HAP 11, 06/10/97 BSG 4, 06/06/97 HAP 11, 06/10/97 BSG 1, 06/12/97 BSG 1, 06/12/97 BSG 1, 06/12/97 BSG 1, 06/12/97 BSG 1, 07/26/97 RS, 1, 0
American Robin Northern Mockingbird Brown Thrasher Cedar Waxwing Loggerhead Shrike European Starting	05/05/97 HH3, 05/24/97 T&SD 15, 05/24/97 HH6, 2, 05/24/97 BGG 1, 05/25/97 LRR 1, 05/30/97 HAP H3, 06/06/97 LR, MH & JT 2, 06/06/97 HAP H2, 06/07/97 BSG 4, 06/09/97 HHBAT H3, 06/09/97 HHBAT H3, 06/12/97 BAB H3, 07/26/97 BS 1, 07/26/97 BS 1, 07/26/97 BS 1, 07/26/97 BS 3, 08/05/97 JL 2, 08/10/97 HAPH 4, 09/11/97 JL 4/97 JL 1 05/20/97 HAPH H3, 07/10/97 BSG 1, 07/26/97 RS 1, 07/26/97 RS 1, 07/26/97 BSG 3, 06/09/97 HHBAT 2, 06/10/97 AB 1, 06/12/97 H&PH 1, 07/26/97 RS 1 05/24/97 T&SD 6, 05/24/97 BSG 3, 06/09/97 HHBAT 2, 06/10/97 AB 1, 06/12/97 H&PH 1, 07/26/97 RS 1 05/24/97 T&SD 6, 05/24/97 T&SD 6, 05/24/97 BSG 1, 06/07/97 BSG 1, 07/26/97 RS 1, 07/27/97 RS 1, 08/03/97 JI 1, 08/09/97 HHBAT D 1 05/11/97 DR 9, 05/21/97 MT 2, 05/24/97 T&SD 6, 06/02/97 JI 1, 06/07/97 BSG 1, 06/03/97 HAPA J4, 06/10/97 AB 4, 06/10/97 AB 5, 06/03/97 JI 1, 07/10/97 MT 4, 07/16/97 RS 1, 07/22/97 RS 1, 07/26/97 RS 1, 08/03/97 JI 1, 07/10/97 MT 4, 07/16/97 RS 1, 07/22/97 RS 1, 07/26/97 RS 1, 08/03/97 JI 1, 07/10/97 MT 4, 07/16/97 RS 1, 08/03/97 JI 1, 07/26/97 RS 1, 08/03/97 JI 1, 07/10/97 MT 4, 07/16/97 RS 1, 08/03/97 JI 1, 07/26/97 RS 1, 08/03/97 JI 1, 07/04/97 JI 1, 07/04/97 MT 4, 07/16/97 RS 1, 08/04/97 JI 2, 08/04/9
American Robin Northern Mockingbird Brown Thrasher Cedar Waxwing Loggerhead Shrike	05/05/97 HH3, 05/24/97 T&SD 15, 05/24/97 HKD 2, 05/24/97 BSG 1, 05/25/97 LRR 1, 05/30/97 HB3, 1, 06/06/97 LR, MH & JT 2, 06/06/97 HAPH 12, 06/06/97 HAPH 13, 06/10/97 BBG 1, 06/29/97 RS, JR, JR, O6/06/97 HAPH 13, 06/10/97 BBG 1, 06/29/97 RS, JR, JR, O7/26/97 RS, JR, O7/26/97 RR, JR, O7/26/97 RS, JR, O7/26/97 RR, JR, O7/26/97 RS,
American Robin Northern Mockingbird Brown Thrasher Cedar Waxwing Loggerhead Shrike European Starting	05/05/97 HH3, 05/24/97 T&SD 15, 05/24/97 HH6, 2, 05/24/97 BGG 1, 05/25/97 LRR 1, 05/30/97 HAP H3, 06/06/97 LR, MH & JT 2, 06/06/97 HAP H2, 06/07/97 BSG 4, 06/09/97 HHBAT H3, 06/09/97 HHBAT H3, 06/12/97 BAB H3, 07/26/97 BS 1, 07/26/97 BS 1, 07/26/97 BS 1, 07/26/97 BS 3, 08/05/97 JL 2, 08/10/97 HAPH 4, 09/11/97 JL 4/97 JL 1 05/20/97 HAPH H3, 07/10/97 BSG 1, 07/26/97 RS 1, 07/26/97 RS 1, 07/26/97 BSG 3, 06/09/97 HHBAT 2, 06/10/97 AB 1, 06/12/97 H&PH 1, 07/26/97 RS 1 05/24/97 T&SD 6, 05/24/97 BSG 3, 06/09/97 HHBAT 2, 06/10/97 AB 1, 06/12/97 H&PH 1, 07/26/97 RS 1 05/24/97 T&SD 6, 05/24/97 T&SD 6, 05/24/97 BSG 1, 06/07/97 BSG 1, 07/26/97 RS 1, 07/27/97 RS 1, 08/03/97 JI 1, 08/09/97 HHBAT D 1 05/11/97 DR 9, 05/21/97 MT 2, 05/24/97 T&SD 6, 06/02/97 JI 1, 06/07/97 BSG 1, 06/03/97 HAPA J4, 06/10/97 AB 4, 06/10/97 AB 5, 06/03/97 JI 1, 07/10/97 MT 4, 07/16/97 RS 1, 07/22/97 RS 1, 07/26/97 RS 1, 08/03/97 JI 1, 07/10/97 MT 4, 07/16/97 RS 1, 07/22/97 RS 1, 07/26/97 RS 1, 08/03/97 JI 1, 07/10/97 MT 4, 07/16/97 RS 1, 08/03/97 JI 1, 07/26/97 RS 1, 08/03/97 JI 1, 07/10/97 MT 4, 07/16/97 RS 1, 08/03/97 JI 1, 07/26/97 RS 1, 08/03/97 JI 1, 07/04/97 JI 1, 07/04/97 MT 4, 07/16/97 RS 1, 08/04/97 JI 2, 08/04/9

Common Name	Data
Yellow-throated Vireo	05/15/97 TD 1, 05/21/97 TD 2, 05/24/97 T&SD 3, 05/24/97 BSG 4, 06/09/97 HH&Л 1, 06/09/97 HH&Л 1, 06/12/97 H&PH 3, 06/12/97 H&PH 8, 06/12/97 H&PH 8,
	06/19/97 H&PH 1, 06/21/97 BSG 2
Warbling Vireo	05/16/97 TD 2, 05/17/97 PD 12, 05/21/97 TD 2 05/16/97 TD 1
Philadelphia Vireo Red-eyed Vireo	05/24/97 T&SD 24, 05/24/97 BSG 11, 05/25/97 LRR 1, 05/30/97 HH 8, 06/07/97 LRR, MH & KF 5, 06/09/97 HH&JT 7, 06/12/97 H&PH 6, 06/12/97 H&PH 6,
Rea-eyea Vireo	06/12/97 H&PH 6, 06/19/97 H&PH 5, 06/21/97 BSG 2, 07/26/97 RS 1, 07/26/97 RS 1
Golden-winged Warbler	05/15/97 TD 1
Tennessee Warbler	05/17/97 PD 6
Northern Parula	05/24/97 T&SD 16, 05/24/97 BSG 17, 06/07/97 LRR, MH & KF 4, 06/21/97 BSG 1, 07/26/97 RS 1
Yellow Warbler	05/16/97 TD 1, 05/16/97 TD 2, 05/17/97 PD 1, 05/21/97 TD 2 05/15/97 TD 4, 05/15/97 TD 2, 05/16/97 TD 2, 05/21/97 TD 1, 05/21/97 BW 3
Chestnut-sided Warbler Magnolia Warbler	03/15/97 I D 4, 03/15/97 I D 3, 05/15/97 T D 5, 05/15/97 T D 5, 05/16/97 T D 4, 05/16/97 T D 2, 05/21/97 BW 1, 05/21/97 T D 3, 05/25/97 LRR 1
Black-throated Green Warbler	05/21/97 BW 2, 05/21/97 TD 5, 05/24/97 T&SD 1
Blackburnian Warbler	05/17/97 PD 2, 05/21/97 TD 4
Yellow-throated Warbler	05/21/97 TD 2, 05/24/97 T&SD 2, 05/24/97 BSG 2, 05/30/97 HH 3, 06/07/97 LRR, MH & KF 2, 06/12/97 H&PH 4, 06/12/97 H&PH 3, 06/12/97 H&PH 3, 06/21/97
	BSG 3, 07/26/97 RS 1
Pine Warbler	05/21/97 TD 5, 05/24/97 T&SD 24, 05/24/97 BSG 1, 06/07/97 LRR, MH & KF 4, 06/09/97 HH&JI 2, 06/09/97 HH&JI 3, 06/12/97 H&PH 14, 06/12/97 H&PH 14, 06/12/97 H&PH 2, 07/08/97 BW&SH 2, 07/26/97 RS 1
Prairie Warbler	05/24/97 T&SD 9, 06/12/97 H&PH 1, 06/12/97 H&PH 1
Bay-breasted Warbler	05/15/97 TD 1, 05/15/97 TD 1
Black-and-white Warbler	05/21/97 TD 2, 05/24/97 T&SD 3, 05/30/97 TD 2, 06/12/97 H&PH 1, 06/12/97 H&PH 1, 06/12/97 H&PH 1, 07/26/97 RS 1, 07/26/97 RS 2 05/15/97 TD 7, 05/15/97 TD 2, 05/16/97 TD 3, 05/16/97 TD 5, 05/21/97 TD 4
American Redstart Prothonotary Warbler	05/21/97 TD 1, 05/24/97 T&SD 6, 05/24/97 BSG 16, 05/25/97 LRR 1, 05/30/97 HH 5, 06/07/97 LRR, MH & KF 3, 06/12/97 H&PH 1, 06/12/97 H&PH 1, 06/12/97
Swainson's Warbler	BSG 10, 07/08/97 BW&SH 1, 07/26/97 RS 3, 07/26/97 RS 1 05/24/97 T&SD 2, 05/25/97 TD 1, 05/29/97 TD 1, 05/30/97 TD 2, 06/05/97 TD 1, 06/06/97 TD 1, 06/12/97 H&PH 1, 06/12/97 H&PH 3, 06/12/97 H&P
	T&SD I
Ovenbird	05/15/97 TD 1
Louisiana Waterthrush	05/16/97 TD 1 05/24/97 T&SD 4, 05/24/97 BSG 2, 05/30/97 TD 1, 06/09/97 HH&JI 1, 06/09/97 HH&JI 1, 06/12/97 H&PH 2, 06/12/97 H&PH 1, 06/12/97 H
Kentucky Warbler	05/2497 L&SD 4, 05/2497 BSG 2, 05/30/97 ID 1, 06/09/97 HH&D1 1, 06/09/97 HH&D1 1, 06/1297 H&PH 2, 06/1297 H&PH 1, 06/1297 H&PH
Common Yellowthroat	05/16/97 TD 16, 05/16/97 TD 5, 05/24/97 T&SD 3, 06/09/97 HH&JI 1, 06/12/97 H&PH 1, 06/19/97 H&PH 1, 07/09/97 HH 1, 07/27/97 RS 1
Hooded Warbler	05/24/97 T&SD 9, 05/30/97 TD 9, 06/09/97 HH&Л 1, 06/12/97 H&PH 3, 06/12/97 H&PH 3
Wilson's Warbler	05/15/97 TD 3, 05/15/97 TD 4, 05/16/97 TD 1, 05/16/97 TD 4
Canada Warbler	05/15/97 TD 1, 05/15/97 TD 3, 05/16/97 TD 1
Yellow-breasted Chat	05/24/97 T&SD 16, 05/24/97 BSG 5, 06/07/97 LRR, MH & KF 2, 06/09/97 HH&J 29, 06/09/97 HH&J 8, 06/12/97 H&PH 27, 06/12/97 H&PH 13, 06/12/97 H&PH 13, 07/26/97 RS 1
Summer Tanager	05/24/97 T&SD 6, 05/24/97 BSG 4, 05/30/97 HH 4, 06/07/97 LRR, MH & KF 5, 06/09/97 HH&JI 1, 06/09/97 HH&JI 1, 06/12/97 H&PH 3, 06/12/97 H&PH 5, 06/12/97 H&PH 3, 06/12/97 RS, J&JT 1, 07/08/97 BW&SH 1, 07/26/97 RS 1, 07/26/97 RS 1, 07/26/97 RS 2
Northern Cardinal	05/05/97 HH 1, 05/20/97 HHo 4, 05/20/97 MT 4, 05/24/97 BSG 15, 05/25/97 LRR 5, 05/30/97 HH 4, 05/31/97 BW 6, 06/06/97 LR, MH & JT 2, 06/07/97 LRR, MH & FF 1, 06/09/97 HH&JT 34, 06/10/97 AB 5, 06/12/97 H&PH 49, 06/12/97 H&PH 38, 06/12/97 H&PH 38, 06/19/97 H&PH 10, 06/21/97 BSG 9, 06/29/97 RS, JET 1, 07/08/97 BW&SH 2, 07/08/97 JH 2, 07/08/97 HH 2, 07/10/97 MT 4, 07/22/97 RS 4, 07/26/97 RS 1, 07/
Blue Grosbeak	05/24/97 BSG 1, 05/30/97 HH 3, 06/09/97 HH&/I 1, 06/09/97 HH&/I 1, 06/12/97 H&PH 7, 06/12/97 H&PH 11, 06/12/97 H&PH 7, 07/09/97 HH 2, 07/09/97 H&PH 2, 08/10/97 H&PH 40
Indigo Bunting	05/24/97 T&SD 22, 05/24/97 BSG 1, 05/25/97 LRR 1, 06/09/97 HH&JI 10, 06/09/97 HH&JI 1, 06/12/97 H&PH 12, 06/12/97 H&PH 9, 06/12/97 H&PH 9, 06/12/97 BSG 1, 06/29/97 RS,J&JT 1, 07/08/97 BW&SH 1, 07/09/97 HH 2, 07/09/97 H&PH 8, 07/26/97 RS 2, 07/27/97 RS 2, 08/10/97 H&PH 100
Painted Bunting	05/24/97 T&SD 1, 05/30/97 HH 1, 06/09/97 HH&II 2, 06/12/97 H&PH 2, 06/12/97 H&PH 2, 06/12/97 H&PH 3, 08/10/97 H&PH 15
Dickcissel	05/11/97 DR 1, 05/30/97 HH 4, 06/07/97 BSG 1, 06/27/97 HH 2, 06/29/97 RS,J&JT 1, 07/09/97 H&PH 25, 07/27/97 RS 10, 08/09/97 HH&TD 1, 08/10/97 H&PH 2
Eastern Towhee	06/21/97 T&SD I
Bachman's Sparrow	06/07/97 BSG 4 06/09/97 HH&П 2, 06/12/97 H&PH 4, 06/12/97 H&PH 4
Chipping Sparrow Field Sparrow	00/03/97 Intel 2, 00/12/97 NeF II 4, 00/12/97 NeF II 4
Lark Sparrow	07/09/97 H&PH 2 . 08/10/97 H&PH 1
Lincoln's Sparrow	05/15/97 TD 1, 05/16/97 TD 1
White-crowned Sparrow	05/16/97 TD 1
Bobolink	05/11/97 DR 2
Red-winged Blackbird	05/05/97 HH 4, 05/11/97 DR 10, 05/20/97 MT 2, 05/24/97 T&SD 7, 05/24/97 BSG 1, 05/25/97 LRR 2, 06/06/97 LR, MH & IT 1, 06/06/97 H&PH 13, 06/07/97 BSG 30, 06/09/97 HH&II 4, 06/12/97 H&PH 2, 06/12/97 H&PH 2, 06/19/97 HBH 13, 06/21/97 H&PH 3, 06/21/97 HBGH 3, 06/21/97 HBGH 3, 06/21/97 BSG 2, 06/27/97 HB 12, 06/29/97 RSJ&TT 1, 07/08/97 BW&SH 1, 07/09/97 HAPH 25, 07/09/97 HH 10, 07/10/97 MT 1, 07/10/97 HH&SH 4, 07/16/97 RS 40, 07/22/97 RS
Eastern Meadowlark	2, 07/26/97 RS 1, 07/27/97 RS 50, 07/27/97 RS 18, 08/10/97 H&PH 1000, 08/19/97 Л 2 05/24/97 T&SD 5, 06/09/97 HH&Л 5, 06/12/97 H&PH 5, 06/21/97 H&PH 4, 06/21/97 BSG 2, 06/29/97 RS,I&JT 1, 07/08/97 BW&SH 1, 07/09/97 H&PH 3,
C C	07/16/97 RS 1, 08/09/97 HH&TD 5, 08/10/97 H&PH 8
Common Grackle	05/11/97 DR 4, 05/20/97 MT 6, 05/24/97 BSG 5, 05/24/97 T&SD 10, 05/25/97 LRR 5, 06/06/97 LR, MH & IT 5, 06/06/97 H&PH 1, 06/07/97 BSG 2, 06/09/97 HH&H 3, 06/12/97 H&PH 3, 06/18/97 H&PH 4, 06/19/97 H&PH 8, 06/21/97 BSG 6, 06/29/97 RS, I&IT 1, 07/04/97 II 1, 07/08/97 BW&SH 1, 07/08/97 II 1, 07/10/97 MT 4, 07/22/97 RS 8, 07/26/97 RS 1, 07/26/97 RS 1, 07/27/97 RS 10, 08/03/97 II 37, 08/14/97 II 3, 08/14/97 II 5
Brown-headed Cowbird	05/05/97 HH 3, 05/20/97 HH6 2, 05/24/97 T&SD 20, 05/24/97 BSG 4, 05/25/97 LRR 1, 06/06/97 LR, MH & IT 2, 06/07/97 BSG 4, 06/09/97 HH&II 4, 06/12/97 H&PH 5, 06/12/97 H&PH 4, 06/12/97 H&PH 4, 06/12/97 H&PH 4, 06/12/97 H&PH 4, 07/22/97 RS 3, 08/03/97 JI 7, 08/10/97 H&PH 10
Orchard Oriole	05/17/97 PD 1, 06/09/97 HH&N 2, 06/09/97 HH&N 2, 06/12/97 H&PH 1, 06/12/97 H&PH 4, 06/12/97 H&PH 1, 07/02/97 PD 3, 07/08/97 BW&SH 2, 07/09/97 H&PH 2. 08/10/97 H&PH 3
Baltimore Oriole	05/16/97 7TD 5, 05/17/97 PD 1, 05/20/97 MT 1, 05/24/97 T&SD 1, 05/25/97 LRR 1, 06/02/97 JT 1, 06/06/97 LR, MH & JT 4, 07/02/97 PD 1
House Finch	05/20/97 MT 6, 05/20/97 HHo 3, 05/31/97 BW 4, 06/10/97 AB 9, 07/10/97 MT 5, 07/26/97 RS 1
American Goldfinch	05/15/97 TD 2, 05/16/97 TD 2, 05/17/97 MT 4, 05/21/97 MT 2
House Sparrow	05/11/97 DR 20, 05/24/97 T&SD 5, 05/25/97 LRR 4, 06/02/97 JI 3, 06/07/97 BSG 1, 06/09/97 HH&JI 1, 06/10/97 AB 8, 06/12/97 H&PH 1, 06/21/97 BSG 3,
	06/29/97 RS,J&JT 1, 07/04/97 JI 1, 07/08/97 BW&SH 1, 07/08/97 JI 1, 07/10/97 MT 10, 07/22/97 RS 9, 07/26/97 RS 1, 07/26/97 RS 1, 08/03/97 JI 3, 08/14/97 JI 1, 08/19/97 JI 1

Printed 1,478 records of 160 species.



BIRD STUDY GROUP NEWSLETTER

Volume 12, Number 2 September 30, 1997

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

October 14, 1997

6:30 p.m.

ENDANGERED SPECIES CONSERVATION IN THE WEST INDIES

Dr. James Wiley

Refreshments will be available at 6:30 p.m. Come early to visit, relax, and enjoy fellowship.

October 4 - Hervey Farm Hawk Count
October 11 - Caddo Detention Center
October 18 - Millwood Lake, Arkansas
October 24-26 - LOS Fall Meeting
November 1 - Walter B. Jacob & Richard Fleming Parks

BOARD OF DIRECTORS

1997-1998 **OFFICERS**

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 869-5719 W, 868-7360 H

 Vice-president
 Larry Raymond (1)
 929-2806 W, 929-3117 H

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 Jeff Trahan (3)
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Vicki LeFevers (2) 869-5088 W, 861-4533 H

Gay Vekovius (1) 676-5156 W, 861-4640 H

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

COMMITTEE CHAIRPERSONS

COMMITTE	JE CHILITEE BIRDOIN	•
BIRD REPORT	Bobbe Wommack	686-0369H
	Will Smolenski	865-2938 H
	Donna Burney	742-6829 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

October 4 - Saturday - Hervey Farm Hawk Count. This event has been held ever since I discovered the joys of hawk counting. The farm has always produced hawks. Last year, we counted over 200 hawks, including an Osprey. Come early and enjoy birding on the farm, if you'd like. Hawk count hours are usually from about 10 a.m. until 3 p.m. Bring food, drinks, and a folding chair. Location: Hervey Dairy Farm. Directions from Stonewall: At the JCT of US 171 and Flournoy-Lucas Rd. go 1.5 mi. E on Flournoy-Lucas Rd. to Missle Base Rd., turn left and go 2.3 mi. to Hervey Dairy Farm Rd. on right. Directions from Shreveport: Go south on Linwood Ave. 5.0 mi. from junction with Flournoy-Lucas Rd., turn right on Ranchette Rd. go 1.0 mi. turn left (Ranchette Rd. ends), go 0.8 mi. to Hervey Dairy Farm Road on left. Leader: Hubert Hervey.

October 11 - Saturday - Caddo Detention Center. This half day trip is our second time to bird CDC. The first trip produced good grassland and woodland species. CDC is a good natural area, medium walking is required. Meet at LSUS parking lot at 7:00 a.m. Leader: Larry Raymond.

October 18 - Saturday - Millwood Lake, Arkansas. We have heard of the great birding at Millwood Lake for years, and now is our chance to experience it. Our leader is Mr. Millwood Lake himself, (a.k.a. Charles Mills). We will leave from the WhatABurger on North Market St., promptly at 6:00 a.m. Two hours later, we meet Charles Mills at the Beard's Bluff Overlook on the dam of Millwood Lake. A back-up date is in place for Nov. 22nd in case high winds are forecast for this date. This is our second trip here as a club. Leader: Hubert Hervey.

October 24, 25, 26 - Annual LOS Fall meeting. This is the 50th anniversary of the LOS and big plans for the celebration are underway. Local BSG members will be honored. Fall birding in Cameron is always great. Some of our members attend regularly and will be glad to lead our newer members to the best birding areas, which are many. Special note: The dormitory building at Rockefeller National Wildlife Preserve has been reserved. Many people who attended the BSG trip there in 1991, still remember what a great trip that was. Members intending on going on this trip must sign up ahead of time (see article below).

November 1 - Walter B. Jacob's Nature Park and Richard Fleming Park on Cross Lake. Woodland birds at the Nature Park, led by the Caddo Parish Parks and Recreation Director, Larry Raymond. Fleming Park can produce migrants and waterbirds. Moderate walking, half day, meet at WhatABurger on North Market St. at 7:00 a.m. Leader: Larry Raymond.

November 8 - C.B. Dickson Park in Shreveport. Wintering woodland birds along the Red River can be expected. See our Mute Swan and Canada Goose families, but don't count them or turn them in because......oh well..........? Ask Will!! sigh:-). Meet at LSUS parking lot near the Museum of Life Sciences at 7:30 a.m. Leader: Jim Ingold.

November 15 - Cross Lake Barge Trip. Always a favorite trip, I have two trips scheduled this year (Dec. 13th also). A per person fee of \$10 approximately, will cover the cost of barge rental. A sign up sheet will be passed around at the preceding club meeting, as space is limited. Also you may call Chuck or Sally Moffett to sign up for this trip. Meeting place: probably Shreveport Yacht Club. Time: 7:30 a.m. Leader: Chuck and Sally Moffett.

More information can be obtained from the trip leaders at these numbers:

Hubert Hervey: 925-9249 Mac Hardy: 797-5338 Jim Ingold: 797-5236 Larry Raymond: 929-2806

NEW BIRDS ADDED TO THE OFFICIAL LOUISIANA STATE BIRD LIST

The Louisiana Bird Records Committee meeting held on 6 September 1997 added the following birds to the official Louisiana State Bird List: Red-billed Tropicbird, Fork-tailed Flycatcher, Clark's Nutcracker, and White Wagtail. Second official records were accepted for Cave Swallow and Lazuli Bunting and third records were accepted for Pacific-slope Flycatcher and Sulphur-

bellied Flycatcher. A second or a possible a third record for White-tailed Hawk was also accepted.

The **Pomarine Jaeger** was officially removed from the Review List.

IN MEMORIUM

It is with a sad heart that we announce the passing of Mr. Robert Tate Wolcott. Robert is the son of Gay Vekovius and step-son of Al Vekovius. The family requests that memorials be made to the Church Health Center, 1210, Peabody Avenue, Memphis, Tennessee 38104.

THE DAY THE BUTTERFLIES DID NOT FLY

by Hubert Hervey

At the butterfly outing last seventeenth of May, we had a strange and uncommon day. Though the truth of the matter is sad to say, only two butterflies fluttered our way.

The flowers were blooming aromatically. The sun was warming both insects and me. The Lepidoptera table was set so abundantly, but just two butterflies came in to our tea.

Were we between adult stages, with caterpillars and cocoons all about? How could I know no butterflies would be out? Timing this outing is a headache no doubt. "But no information is valuable data too," I shout!

Swallowtail, Monarch, Viceroy and more stayed away from our wide open door. The outing chairman says, "This problem I can cure, we'll have no more butterfly trips scheduled for sure!"

A WEEKEND AT THE ROCKEFELLER REFUGE

The Bird Study Group has reserved the lodging facilities at the Rockefeller Refuge in Cameron Parish on October 24 & 25, 1997. This is the weekend of the Fall LOS meeting.

There is no charge but you will be required to bring your own toiletries and the group will have to bring our own food. Sleeping is dormitory style. A fully equipped kitchen is provided.

If you are interested in going, please attend the regular meeting in October or call the Hubert Hervey (925-9249) or the Museum of Life Sciences (797-5338).

I-49 BORROW PITS

by Hubert Hervey

This trip produced an excellent study of different sized sandpipers. I think we learned how to identify Stilt Sandpipers under poor light conditions and compare them with dowitchers. Pectoral Sandpipers, Least Sandpipers, and Western Sandpipers were also seen. We saw large numbers of Blue-winged Teal, three Northern Shoveler and one female Northern Pintail. September 6 is the earliest date on record for pintail. There were lots of Black-necked Stilts present, but the American Avocets were not found, I saw them both before and after this date. I just couldn't produce any for the club members to see. A Wilson's Phalarope flew around us for quite a while. We needed the experience of identifying this bird in flight more than we needed to see one spinning around in circles on the water anyway.

We went on to Mibermel Farms, the only rice growing location I know of in northwestern Louisiana. The date must have been a few days too early because we couldn't scare up any rails. I have been back and saw one Sora. John Danby, the manager, will probably be through combining the rice before this article is printed. This farm is located about two miles south of Powhatan, on LA 1.

I canceled the Fish Hatchery portion of the trip because all the ponds were full and no draw downs were scheduled until October and November. That is when the birding gets to be fun, with peeps and other shorebirds, feeding on the exposed mudflats at the bottom of the drained ponds.

A LITTLE BLUE HERON NAMED LOUEY

by Hubert Hervey

In the first place I want you to understand that this little blue is not blue in color, only in species name. That means it is a very young bird. It will be blue by this time next year. I named it Louey because Louis Armstrong played a little blues himself, along with a lot of jazz. Louey has been here on the big pond for a couple of weeks, and is trying to learn what Little Blue Herons do for a living. Most of the Cattle Egret have gone farther south by late September, so Louey doesn't have their example to follow.

The Great Egret and Great Blue Heron both chase Louey away from their fishing place. He can't imitate the Belted Kingfisher and dive into the water, so Louey has to learn from his mistakes.

Have you ever positioned yourself exactly under the eating end of a heron or egret? I recently saw a picture taken from this angle and both eyes were zeroed in on the camera. Everything under the fishing bird is visible to both eyes, so distance is measured precisely. I have watched Cattle Egrets picking horse flies off a cow's back. The aim is so precise that the cow never even twitches her tail.

Louey was wading up to his skinny drumsticks, searching for food in the clear water of the pond. First, he would peer straight down around his legs to see what he had stirred up. Then he would crane his neck to one side as he zeroed in on the school of minnows. Old folks called Little Blue Herons, like Louey, "White Cranes." I wonder if the way they crane their necks is why old timers called them cranes, or because they thought the bird resembled a crane (either the bird or the machine). I watched through the scope as Louey made two successful minnow ambushes. I thought to myself, "This is like a novice eating crawfish tails. Louey could starve to death with a plate full of food." You know how small minnows are!

Then Louey made a stab and came up with a larger meal. It was a tadpole bullfrog, or bullfrog tadpole, if you prefer. The reason I say this is because it had both a tail and legs. A juicy meal indeed, I thought. No man would never starve to death eating frog legs. Louey walked over to shallow water and adjusted the "frogpole" to better send it on its downward course, when instead of swallowing it, he opened his bill and "spit" out the "polefrog." Next, he washed his bill out. He opened his bill and swished it back and forth, over and over in the pond water. Four times he did this. Then he settled down to fishing. Once he stabbed at a fish with his bill agape, which he never closed. I think he purposefully missed a tadpole, as soon as he realized what it was.

Later, Louey caught a long-eared sunfish and downed it posthaste. It must have tasted good. We all need to have the bad taste of failure washed out of our mouth by success, even if our name is Louey. Louey come blow your jazzy horn!

MINUTES OF REGULAR MEETING SEPTEMBER MEETING September 9, 1997, 7:00 p.m. Museum of Life Sciences at LSUS

PROGRAM: The speaker was Paul Dickson who spoke on "Birding on the Red River Pool #5."

COMMITTEE REPORTS

Treasurer: The club has \$392.70 in the Hibernia account, \$188.16 on reserve at LSU Printing, and \$104.07 on deposit at the post office.

Phone Tree: Rosemary Seidler passed around a sheet for signing up for the phone tree. She announced that members may either add or remove their names from the list.

Membership: Shirley Huss reported that the club has 134 members on record.

Publicity: Judy Townes said that the club will have more publicity for the next meeting.

Hospitality: Marty Carroll suggested that members could bring refreshments to the next meeting. If someone wants to help in this way they should call her.

Newsletter: Jim Ingold said that the newsletter is in need of articles and asked club members to submit articles for the newsletter.

Programs: Larry Raymond said that the programs for the next few meetings have been arranged. Dr. James Wiley from the National Biological Service at Grambling will speak at the October meeting. Other programs planned are: Bill Fontenot will speak at the November meeting; the December meeting will feature the annual Christmas party and auction; Keith Kimmerly will speak in January about Purple Martins; and Steve Cardiff and Donna Dittmann from LSUBR will present the program in February

Bird Hot Spots: Larry Raymond said that the next meeting of the bird hot spot committee will be Tuesday, September 16, at 7:00 p.m. at the Museum. The bird hot spot pamphlet is almost ready for publication.

Field Trips: Hubert Hervey distributed and reviewed a list of all of the planned field trips for the year.

Bird Reports: Will Smolenski passed around a sheet for sign-up to submit bird reports.

MINUTES OF THE BOARD MEETING September 2, 1997, 7:00 p.m. Museum of Life Sciences at LSUS

MEMBERS PRESENT: Jean Trahan, Larry Raymond, Jeff Trahan, Mac Hardy, Hubert Hervey, Rosemary Seidler, Will Smolenski, Marty Carroll, Judy Townes, Vicki LeFevers, and Jim Ingold, and Shirley Huss (ex officio).

COMMITTEE REPORTS

Fund Raising: Will Smolenski reported that he plans to continue the raffle at each meeting. The club took in approximately \$40 per meeting last year.

Bird Hot Spots: The next meeting of the bird hot spot committee will be Tuesday, September 16, at 7:00 PM at the Museum. The bird hot spot pamphlet is almost ready for publication.

Programs: Larry Raymond said that the programs for the next few meetings are arranged. He is only worried about the program for October. Bill Fontenot will speak at the November meeting, the December meeting will feature the annual auction, Keith Kimmerly will speak in January about Purple Martins, and Steve Cardiff and Donna Dittmann from LSUBR will present the program in March. Programs for April, May, and June are not yet lined up. Mac Hardy might be able to be a speaker at one of these meetings.

Field Trips: Hubert Hervey has planned bird club outings for the year.

Library: At the last board meeting, Jim Ingold was given permission to purchase the video "Watching Warblers" and is now in the process of doing that.

Hospitality: Marty Carroll is making preparations for refreshments at the next meeting. Mac Hardy reported that

the club does not have to purchase ice any more because the Museum has an ice maker.

Membership: Shirley Huss reported that the club has 135 members as of July.

Newsletter: Jim Ingold said that the club needs more articles to publish in the newsletter.

Beginning Birders: Larry Raymond said that there will be a program on bird watching basics on Saturday, September 6, at Lake Bistineau State Park. A park naturalist Colleen Kuleza will present the program.

Phone Tree: Jeff Trahan will give all of the information about the phone tree to Rosemary Seidler who is the new phone tree chair.

Publicity: Judy Townes and the board discussed places to publicize meetings.

Other Business: Hubert Hervey reminded those present of the upcoming LOS meeting in October which will be the 50th anniversary of the organization.

BIRD NOTES – SEPTEMBER

Compiled September 25, 1997

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, 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	Athie Bell	09/01/97 Residence
BC,BC & TD	B. Conrad, Jr., B. Conrad, Sr, T. Davis	09/06/97 Shreveport: C. Bickham-Dickson
BSG	Bird Study Group	09/06/97 Powhatan area, I-49 borrow pits, Mibermel, 09/20/97 James Bayou Forest Natural Area., 09/20/97 Oil City: 143 Kathy St., 09/20/97 WhatABurger on North Market, Shreveport.
BSG&NC	Bird Study Group & Nature Conserv.	09/20/97 Barksdale Air Force Base
BW	Bobbe Wommack	07/17/97 Shreveport: Bickham-Dickson Park
CL	Charles Lyon	08/17/97 I-49 borrow pits
CL&HJ	Charles Lyon and Horace Jeter	09/03/97 I-49 borrow pits and Powhatan area, 09/10/97 I-49 borrow pits and Powhatan area
CL&RB	Charles Lyon and Roger Breedlove	09/07/97 I-49 borrow pits
DR	Dick Rolandt	08/17/97 Bayou Pierre area 1/4 m. south of 70th St.
GF	Gloria Frantom	09/04/97 Near Dixie - Hwy. 173 & Sentel Rd., 09/04/97 Shreveport - Cross Lake
H&PH	Hubert and Pat Hervey	06/15/97 Stonewall - Hervey Farm, 08/21/97 Clark's Island, 08/22/97 Powhatan area, 09/04/97
		I-49 borrow pits, Powhatan & Mibermel, 09/13/97 I-49 borrow pits, Powhatan & Mibermel, 09/13/97 Lock and Dam #4, 09/16/97 Stonewall: Farm, 09/18/97 Lock & Dam #4, 09/18/97 Lock & Dam #5, 09/18/97 Powhatan area to Mibermel Rice Farm
НН	Hubert Hervey	08/24/97 Cypress Lake Rec. area & Sonnier Catfish Ponds, 09/05/97 Stonewall - Hervey Farm, 09/11/97 Stonewall - Hervey Farm, 09/21/97 Stonewall: Farm
Л	Jim Ingold	08/14/97 Residence, Bossier City, 08/29/97 Expo Center downtown Shreveport, 09/06/97 Residence-Bossier City, 09/08/97 Residence-Bossier City, 09/12/97 Bossier City: residence, 09/18/97 Bossier City: residence, 09/18/97 Bossier City: residence, 09/21/97 Jct. U.S. 71 and Clark's Marina., 09/21/97 Jct. U.S. 71 and White House Plantation, 09/21/97 Loggy Bayou WMA and vicinity, 09/21/97 Red River: Lock and Dam No. 5, 09/22/97 Bossier City: residence
JI&ML	Jim Ingold & Marc Lukens	09/05/97 Expo Center downtown Shreveport
LR	Larry Raymond	08/17/97 Soda Lake WMA, 08/24/97 Soda Lake WMA, 09/01/97 Soda Lake WMA
MH	Mac Hardy	09/06/97 1823 S. Brookwood Dr., 09/13/97 Shreveport: Residence, 09/14/97 Shreveport: Residence, 09/15/97 Shreveport: Residence, 09/21/97 Shreveport: 1823 S.Brookwood Dr.

Abbreviation	Name	Date and Place
МН&НН	Mac Hardy and Hubert Hervey	08/22/97 Shreveport: LSUS campus
MH,LR,&MF	M. Hardy, L. Raymond, M. Faubion	09/04/97 James Bayou area
MT	Margo Tuller	07/25/97 North of Shreveport Hwy 71, 08/14/97 7543 Millbrook
PD	Paul Dickson	09/24/97 Red River at Caspiana.
SD .	Stella Davis	06/27/97 Lock & Dam #5
SH	Shirley Huss	09/07/97 Residence, 09/08/97 Residence
T&SD	Terry and Stella Davis	07/18/97 Ida & Hwy. 2 at Red River, 07/18/97 Plain Dealing and Wardview area, 08/23/97 U.S. 71 at Lock&Dam #5, Poole Rd. & Eastpoint Rookery to Coushatta, 08/23/97 Natchitoches Fish
		Hatchery & Hwy. 1, 08/23/97 Poole Rd. and East Point area, 08/23/97 Powhatan Borrow pits and Turf Farm, 09/14/97 Shreveport: Stoner Ave. Boat Launch (adjacent woods)
TD	Terry Davis	06/27/97 Shreveport-Blanchard Hwy & I-220, 06/27/97 Shreveport-Blanchard Hwy & Yorktown Dr., 06/30/97 Shreveport-Blanchard Hwy & I-220, 07/03/97 Hwy 1 North, 07/27/97 I-220 & Shreveport-Blanchard Hwy, 08/02/97 Lock & Dam No. 5, 08/10/97 Cypress/Black
		Bayou Recreation Area, 09/07/97 C. Bickham Dickson & Dixie Garden Oxbow, 09/09/97 Stoner Ave. Boat Launch (adjacent woods), 09/13/97 Bossier: Red River woods near Central Park, 09/13/97 Shreveport: Stoner Ave. Boat Launch woods, 09/14/97 Bossier: Red River
WJ	Wellborn Jack	woods along the parkway, 09/17/97 Shreveport: Stoner Ave. Boat Launch woods 08/17/97 Shreveport - Cross Lake, 08/24/97 Shreveport - Cross Lake, 08/27/97 Shreveport - Cross Lake, 08/30/97 Shreveport - Cross Lake, 09/04/97 Shreveport - Cross Lake, 09/09/97
ws	Will Smolenski	Shreveport - Cross Lake 08/30/97 Residence-526 Dunmoreland Dr.

Common Name	Data
Pied-billed Grebe	08/23/97 T&SD 1, 08/23/97 T&SD 2, 09/03/97 CL&HJ 1, 09/04/97 H&PH 4, 09/06/97 BSG 2, 09/07/97 CL&RB 1, 09/09/97 WJ 4, 09/10/97 CL&HJ 5, 09/13/97
	H&PH 2, 09/21/97 JI 6
Double-crested Cormorant	06/27/97 SD 1, 08/02/97 TD 2, 08/23/97 T&SD 1, 08/23/97 T&SD 1, 09/20/97 BSG&NC 1, 09/21/97 Π 12, 09/21/97 HH I
Anhinga	08/21/97 H&PH 1, 08/23/97 T&SD 10, 08/23/97 T&SD 10, 09/04/97 H&PH 1, 09/10/97 CL&HJ 2, 09/16/97 H&PH 1, 09/18/97 H&PH 1, 09/21/97 HH 8
American Bittern	08/17/97 CL 2, 09/03/97 CL&HJ 1
Great Blue Heron	08/17/97 CL 2, 08/17/97 LR 1, 08/21/97 H&PH 5, 08/23/97 T&SD 11, 08/23/97 T&SD 11, 08/23/97 T&SD 5, 08/23/97 T&SD 2, 08/24/97 LH 1, 08/24/97 LR 1,
	09/01/97 LR 1, 09/03/97 CL&HJ 2, 09/04/97 H&PH 5, 09/06/97 BSG 3, 09/07/97 TD 2, 09/07/97 CL&RB 4, 09/10/97 CL&HJ 2, 09/13/97 TD 1, 09/13/97 H&PH 1, 09/13/97 H&PH 2, 09/13/97 H&PH 2, 09/13/97 H&PH 3, 09/10/97 BSG 1, 09/20/97 BSG&NC 1, 09/21/97 JJ 5
C	09/13/9/ H&PH 3, 09/16/9/ H&PH 1, 09/18/9/ H&PH 2, 09/18/9/ H&PH 2, 09/20/9/ B&O 1, 09/20/9/ B&O 5, 09/23/9/ T&S D 10, 09/20/9/ T&S D 10, 09/20/9/ T&S D 10, 09/20/9/ T&S D 11, 08/23/97 T&S D 65, 08/23/97
Great Egret	07/17/91 BW 3, 07/16/97 1 E8 30, 09/03/97 CL 43, 09/03/97 1 E8 71 3, 09/03/97 1 E8 DF 3, 09/03/97 1 E8 DF 3, 09/03/97 E8
	LR 1, 08/24/97 Int 18, 09/01/97 LR 3.3, 09/03/97 CEL 31, 09/13/97 H&PH 3, 09/18/97 H&PH 4, 09/18/97 H&PH 4, 09/18/97 H&PH 3, 09/20/97 BSG 3, 0
	BSG&NC 8, 09/21/97 J1, 1, 09/21/97 JH 1, 0, 09/21/97 JH 1, 09/21/97 JH 1
Snowy Egret	07/17/97 BW 4, 07/18/97 T&SD 20, 07/18/97 T&SD 2, 08/17/97 CL 35, 08/17/97 DR 30, 08/21/97 H&PH 9, 08/23/97 T&SD 60, 08/23/97 T&SD 64, 08/24/97 LR 1,
J. J	08/24/97 HH 2, 09/03/97 CL&HJ 100, 09/04/97 H&PH 12, 09/06/97 BSG 25, 09/07/97 TD 3, 09/07/97 CL&RB 30, 09/09/97 WJ 2, 09/10/97 CL&HJ 6, 09/13/97
	H&PH 6, 09/13/97 TD 1, 09/18/97 H&PH 2, 09/21/97 Π 8
Little Blue Heron	07/17/97 BW 1, 08/17/97 CL 50, 08/17/97 LR 1, 08/23/97 T&SD 20, 08/23/97 T&SD 120, 08/23/97 T&SD 120, 08/23/97 T&SD 11, 08/24/97 LR 1, 08/24/97 HH
	20, 09/01/97 LR 9, 09/03/97 CL&HJ 35, 09/04/97 MH,LR,&MF 2, 09/04/97 H&PH 30, 09/06/97 BSG 8, 09/07/97 CL&RB 20, 09/09/97 WJ 1, 09/10/97 CL&HJ 4,
	09/13/97 H&PH 2, 09/18/97 H&PH 4, 09/18/97 H&PH 4, 09/20/97 BSG&NC 3, 09/21/97 HH 2, 09/21/97 JI 1
Tricolored Heron	08/17/97 CL 2, 09/03/97 CL&HJ 2, 09/04/97 H&PH 2, 09/06/97 BSG 3, 09/07/97 CL&RB 4, 09/13/97 H&PH 2
Cattle Egret	07/1/197 BW 2, 07/18/97 T&SD 30, 07/25/97 MT 20, 08/17/97 CL 250, 08/23/97 T&SD 1450,
	08/24/97 HH 100, 09/03/97 CL&HJ 250, 09/04/97 H&PH 400, 09/06/97 BSG 200, 09/07/97 CL&RB 200, 09/10/97 CL&HJ 300, 09/13/97 MH 30, 09/13/97 H&PH 290, 09/18/97 H&PH 40, 09/18/97 H&PH 92, 09/19/97 Π 17, 09/21/97 Π 39, 09/22/97 Π 10
Green Heron	200, 09/1897 HEPH 40, 09/1897 HEPH 1, 09/1697 HEPH 1,
Gleen Heron	99/18/97 H&PH 1
Black-crowned Night-Heron	09/18/97 H&PH 1
Yellow-crowned Night-Heron	06/27/97 TD 4, 06/30/97 TD 13, 07/17/97 BW 2, 08/23/97 T&SD 5
White Ibis	07/17/97 BW 2, 08/17/97 CL 2, 08/23/97 T&SD 2, 08/23/97 T&SD 1, 08/23/97 T&SD 3, 08/23/97 T&SD 2, 09/03/97 CL&HJ 60, 09/04/97 H&PH 23, 09/06/97 BSG
	3, 09/07/97 CL&RB 8, 09/10/97 CL&HJ 3, 09/13/97 H&PH 12, 09/21/97 JJ 1
Wood Duck	08/23/97 T&SD 22, 08/23/97 T&SD 7, 08/23/97 T&SD 7, 08/24/97 LR 1, 09/04/97 MH,LR,&MF 1, 09/13/97 TD 6, 09/18/97 H&PH 6, 09/20/97 BSG 2
Green-winged Teal	09/13/97 H&PH 9, 09/18/97 H&PH 2
Mallard	09/04/97 H&PH 4, 09/06/97 BSG 3, 09/07/97 CL&RB 2, 09/13/97 H&PH 3
Northern Pintail	09/06/97 BSG 1, 09/10/97 CL&HJ 1 08/21/97 H&PH 1, 08/23/97 T&SD 9, 09/03/97 CL&HJ 120, 09/04/97 H&PH 48, 09/06/97 BSG 36, 09/07/97 CL&RB 50, 09/09/97 WJ 15, 09/10/97 CL&HJ 75,
Blue-winged Teal	08/19/1 H&PH 67, 09/18/97 H&PH 21, 09/18/97 H&PH 31, 09/24/97 PD 603
Northern Shoveler	08/23/97 T&SD 1, 09/03/97 CL&HJ 2, 09/04/97 H&PH 1, 09/06/97 BSG 3
Biack Vulture	08/10/97 TD 1, 08/23/97 T&SD 5, 08/23/97 T&SD 5, 08/24/97 HH 2, 09/04/97 H&PH 4, 09/05/97 HH 8, 09/07/97 CL&RB 1, 09/21/97 JI 4, 09/21/97 HH 8
Turkey Vulture	08/21/97 H&PH 3, 08/23/97 T&SD 6, 08/23/97 T&SD 4, 08/23/97 T&SD 6, 08/23/
,	BSG 2, 09/07/97 CL&RB 10, 09/10/97 CL&HJ 10, 09/13/97 H&PH 7, 09/13/97 H&PH 2, 09/18/97 H&PH 2, 09/18/97 H&PH 6, 09/18/97 H&PH 6, 09/20/97 BSG 4,
	09/21/97 Л 4, 09/21/97 НН 15
Osprey	09/05/97 HH 2, 09/06/97 BSG 1, 09/11/97 HH 1
Mississippi Kite	06/27/97 TD 1, 07/03/97 TD 1, 08/21/97 H&PH 2, 08/30/97 WS 2, 09/20/97 BSG&NC 1
Northern Harrier	08/24/97 LR 1
Sharp-shinned Hawk	09/13/97 H&PH 1
Cooper's Hawk Red-shouldered Hawk	09/04/97 H&PH 1, 09/05/97 HH 1, 09/10/97 CL&HJ 1, 09/13/97 H&PH 2 07/18/97 T&SD 1, 07/18/97 T&SD 2, 08/24/97 LR 1, 09/05/97 HH 1, 09/06/97 BSG 1, 09/20/97 BSG 2, 09/21/97 II 4
Broad-winged Hawk	07/18/97 T&SD 1, 08/10/97 TD 1, 09/05/97 HH 1, 09/13/97 H&PH 1, 09/18/97 H&PH 3
Red-tailed Hawk	08/17/97 CL 1, 08/23/97 T&SD 1, 08/23/97
	09/07/97 CL&RB 2, 09/13/97 H&PH 2, 09/18/97 H&PH 3, 09/18/97 H&PH 1
American Kestrel	09/21/97 Л 1, 09/21/97 НН 2
Northern Bobwhite	07/18/97 T&SD 4, 09/04/97 MH,LR,&MF 1, 09/05/97 HH 4, 09/16/97 H&PH 4
Sora	09/13/97 H&PH 1, 09/13/97 H&PH 1, 09/18/97 H&PH 1, 09/18/97 H&PH 4
Common Moorhen	08/17/97 CL 14, 09/03/97 CL&HJ 11, 09/04/97 H&PH 8, 09/06/97 BSG 14, 09/07/97 CL&RB 8, 09/10/97 CL&HJ 17, 09/13/97 H&PH 8, 09/18/97 H&PH 11
American Coot	08/02/97 TD 2, 09/18/97 H&PH 1, 09/21/97 Л 2
Black-bellied Plover	99/07/97 CL&RB 5, 99/10/97 CL&HI 2, 09/18/97 H&PH 1
Semipalmated Plover	09/13/97 H&PH 3, 09/18/97 H&PH 2 07/27/97 TD 10, 08/17/97 CL 25, 08/21/97 H&PH 5, 08/22/97 H&PH 25, 08/23/97 T&SD 13, 08/23/97 T&SD 10, 08/23/97 T&SD 6, 08/23/97 T&SD 6, 09/03/97
Killdeer	07/27/97 ID 10, 0817/37 CE 25, 08/21/97 INEXTS 2, 08/23/97 INEXTS 25, 08/23/97 INEXTS
	H&PH 1. 09/18/97 H&PH 15. 09/20/97 BSG 3. 09/21/97 JI 3
Black-necked Stilt	08/17/97 CL 10, 08/21/97 H&PH 5, 08/22/97 H&PH 2, 08/23/97 T&SD 31, 09/03/97 CL&HJ 30, 09/04/97 H&PH 21, 09/06/97 BSG 28, 09/07/97 CL&RB 40,
	09/10/97 CL&HJ 35, 09/13/97 H&PH 14

Carolina Chickadee

09/20/97 BSG 5, 09/20/97 BSG&NC 3, 09/21/97 JI 13, 09/21/97 MH 2
08/14/97 BSG 5, 09/20/97 BSG 8, 09/20/97 BSG 13, 09/21/97 MT 1, 08/21/97 H&PH 74, 08/23/97 T&SD 6, 08/23/97 T&SD 15, 08/23/97 T&SD 15, 08/24/97 LH 1, 08/24/97 HH 29,
09/01/97 LR 7, 09/03/97 CL&HI 1, 09/04/97 MH_LR,&MF 1, 09/04/97 H&PH 16, 09/18/97 BSG 25, 09/06/97 MH 2, 09/11/97 HH 76, 09/13/97 H&PH 6, 09/18/97
H&PH 16, 09/18/97 H&PH 164, 09/21/97 JI 2
08/10/97 TD 20, 08/14/97 MT 2, 08/17/97 LR 3, 08/23/97 T&SD 9, 08/23/97 T&SD 9, 08/24/97 HH 4, 08/24/97 LR 8, 09/01/97 LR 4, 09/03/97 CL&HI 4, 09/04/97
MH_LR,&MF 2, 09/07/97 TD 10, 09/07/97 CL&RB 2, 09/10/97 CL&HI 5, 09/13/97 TD 5, 09/13/97 H&PH 1, 09/14/97 T&SD 9, 09/14/97 MH 1, 09/20/97
BSG&NC 25, 09/20/97 BSG 7, 09/21/97 JI 3

Common Name	Data
Tufted Titmouse	08/10/97 TD 5, 08/23/97 T&SD 2, 08/23/97 T&SD 2, 08/24/97 HH 9, 08/24/97 LR 2, 09/04/97 MH,LR,&MF 2, 09/04/97 GF 1, 09/07/97 TD 11, 09/13/97 TD 8,
	09/14/97 MH 1, 09/14/97 T&SD 2, 09/20/97 BSG 9, 09/20/97 BSG&NC 12
White-breasted Nuthatch	08/30/97 WS 1, 09/01/97 AB 1, 09/04/97 GF 1, 09/20/97 BSG 2
Brown-headed Nuthatch	08/10/97 TD 10, 08/24/97 HH 2, 09/20/97 BSG 1
Carolina Wren	08/10/97 TD 20, 08/14/97 MT 2, 08/23/97 T&SD 5, 08/23/97 T&SD 5, 08/24/97 HH 4, 08/24/97 LR 3, 08/30/97 WS 2, 09/01/97 AB 1, 09/01/97 LR 1, 09/03/97 CL&HJ 2, 09/04/97 GF 1, 09/04/97 MH,LR,&MF 1, 09/01/97 CL&RB 2, 09/07/97 TD 4, 09/10/97 CL&HJ 3, 09/13/97 TD 6, 09/14/97 T&SD 8, 09/14/97 MH 1,
	CLERD 2, 09/04/97 GF 1, 09/04/97 MH,LK,&MF 1, 09/01/97 CL&RB 2, 09/01/97 ID 4, 09/10/97 ICL&RD 3, 09/13/97 ID 0, 09/14/97 I&SD 0, 09/14/97 I&S
Ruby-crowned Kinglet	09/109/ next 1, 09/209/ BSG 9 09/01/97 LR 4
Blue-gray Gnatcatcher	07/18/97 T&SD 4. 08/17/97 LR 2. 08/24/97 LR 4. 08/24/97 HH 6. 09/03/97 CL&HJ 3. 09/04/97 MH,LR,&MF 2, 09/07/97 TD 7, 09/10/97 CL&HJ 5, 09/13/97 TD 4,
Diac gray Characterist	09/13/97 TD 20_09/13/97 H&PH 2_09/14/97 T&SD 30_09/17/97 TD 5_09/20/97 BSG 7_09/20/97 BSG&NC 8
Eastern Bluebird	08/10/97 TD 15, 08/17/97 CL 3, 08/23/97 T&SD 3, 08/23/97 T&SD 3, 08/24/97 HH 2, 09/03/97 CL&HJ 2, 09/04/97 GF 3, 09/07/97 CL&RB 2, 09/10/97 CL&HJ 2,
	09/13/97 Н&РН 5, 09/16/97 Н&РН 4, 09/18/97 Н&РН 1, 09/21/97 Л 2
Swainson's Thrush	09/14/97 T&SD 1, 09/17/97 TD 1
American Robin	08/14/97 II 7, 08/14/97 MT 7, 08/14/97 MT 7, 08/14/97 MT 10, 08/30/97 WS 2, 09/04/97 GF 20, 09/06/97 II 1, 09/07/97 TD 100, 09/13/97 TD 100, 09/14/97 T&SD
	100, 09/22/97 JI 2 09/13/97 TD 1
Gray Catbird Northern Mockingbird	08/14/97 MT 4, 08/17/97 DR 3, 08/17/97 CL 3, 08/21/97 H&PH 2, 08/23/97 T&SD 21, 08/23/97 T&SD 2, 08/23/97 T&SD 21, 08/23/97 T&SD 2, 08/23/97 T
Tiotakii Mookiigona	08/30/97 WS 2, 09/03/97 CL&FU 4, 09/04/97 GF 1, 09/04/97 H&PH 2, 09/06/97 BSG 4, 09/07/97 CL&RB 3, 09/07/97 TD 4, 09/08/97 JI 2, 09/10/97 CL&RJ 3, 09/13/97 MH 4, 09/13/97 TD 3, 09/13/97 H&PH 2, 09/14/97 T&SD 2, 09/14/97 MH 4, 09/15/97 MH 3, 09/16/97 H&PH 2, 09/20/97 BSG 1, 09/21/97 JI 7, 09/21/97
	MH 3. 09/22/97 JI 1
Brown Thrasher	08/17/97 CL 1, 08/30/97 WS 1, 09/04/97 GF 2, 09/13/97 MH 2, 09/13/97 H&PH 1, 09/14/97 MH 5, 09/14/97 T&SD 1, 09/15/97 MH 1, 09/20/97 BSG 1, 09/21/97
* 1 101.71	MH 2 07/18/97 T&SD 5, 08/17/97 CL 2, 08/23/97 T&SD 20, 08/23/97 T&SD 1, 08/23/97 T&SD 20, 08/23/97 T&SD 6, 09/03/97 CL&HJ 2, 09/04/97 H&PH 2, 09/06/97
Loggerhead Shrike European Starling	8BG 4, 99/07/97 CL&RB 2, 99/10/97 CL&RB 2, 09/10/97 CL&RB 2, 09/10
	09/08/97 Л 2, 09/14/97 МН 1, 09/18/97 Л 5, 09/19/97 Л 4
White-eyed Vireo	08/24/97 LR 2, 09/03/97 CL&HJ 2, 09/10/97 CL&HJ 5, 09/13/97 TD 2, 09/13/97 TD 1, 09/13/97 H&PH 2, 09/20/97 BSG&NC 4, 09/20/97 BSG 1
Yellow-throated Vireo	07/03/97 TD 2, 08/10/97 TD 2, 08/24/97 HH 1
Warbling Vireo	09/13/97 TD 8, 09/20/97 BSG I 08/10/97 TD 1, 08/17/97 LR 1, 08/24/97 LR 2, 08/24/97 HH 10, 09/07/97 TD 3, 09/10/97 CL&HJ 1, 09/13/97 TD 1, 09/20/97 BSG I
Red-eyed Vireo Blue-winged Warbler	08/10/97 ID 1, 08/11/97 LK 1, 08/24/97 LK 2, 08/24/97 HH 10, 09/07/97 ID 3, 09/10/97 CL&HJ 1, 09/13/97 ID 1, 09/13/97 B3G 1 09/09/97 TD 1, 09/13/97 TD 1, 09/14/97 T&SD 1
Northern Parula	08/24/97 LR 1, 09/03/97 CL&HJ 1, 09/10/97 CL&HJ 1, 09/13/97 TD 1, 09/20/97 BSG&NC 2, 09/20/97 BSG 11
Yellow Warbler	08/17/97 LR 1, 08/21/97 H&PH 5, 09/04/97 H&PH 1
Magnolia Warbler	09/13/97 TD 1, 09/13/97 TD 1, 09/14/97 T&SD 2
Black-throated Green Warbler	09/14/97 T&SD 1, 09/20/97 BSG 1
Yellow-throated Warbler	08/10/97 TD 1, 09/10/97 CL&HJ 1 07/03/97 TD 5, 08/10/97 TD 17, 08/24/97 HH 6, 09/04/97 GF 1, 09/04/97 MH,LR,&MF 2, 09/20/97 BSG&NC 1, 09/20/97 BSG 5
Pine Warbler Black-and-white Warbler	0/03/97 ID 2, 08/23/97 T&SD 1, 08/23/97 T&SD 1, 08/23/97 HH 1, 09/07/97 TD 1, 09/13/97 TD 2, 08/23/97 T&SD 1, 08/23/97 T&SD 2, 08/23/97 T&SD 2, 08/23/97 T&SD 2, 08/23/97 T&SD 3, 09/20/97 BSG&NC 2
American Redstart	09/09/97 TD 3, 09/10/97 CL&HJ, 09/13/97 TD 8, 09/13/97 TD 3, 09/14/97 TD 3, 09/14/97 TD 3, 09/17/97 TD 3
Prothonotary Warbler	08/21/97 H&PH I, 08/23/97 T&SD I, 08/23/97 T&SD I, 08/24/97 LR I, 09/01/97 LR 2
Swainson's Warbler	07/03/97 TD 2
Ovenbird	09/13/97 TD 1, 09/13/97 TD 1, 09/17/97 TD 1
Northern Waterthrush	09/03/97 CL&HJ 1, 09/07/97 CL&RB 1, 09/13/97 TD 1
Louisiana Waterthrush	08/24/97 LR 1
Kentucky Warbler	07/03/97 TD 1, 07/18/97 T&SD 1, 09/01/97 LR 1, 09/03/97 CL&HJ 1, 09/09/97 TD 2, 09/13/97 TD 3, 09/14/97 T&SD 1 09/24/97 PD 1
Mourning Warbler Common Yellowthroat	07/18/97 T&SD 7, 07/18/97 T&SD 3, 08/17/97 CL 1, 09/01/97 LR 1, 09/03/97 CL&HJ 3, 09/06/97 BSG 2, 09/07/97 CL&RB 3, 09/13/97 TD 1, 09/14/97 TD 1,
Common 1 chowantous	09/14/97 T&SD 2, 09/20/97 BSG 1
Hooded Warbler	07/03/97 TD 2, 07/18/97 T&SD 2, 09/07/97 TD 2, 09/13/97 TD 3, 09/14/97 T&SD 2
Wilson's Warbler	09/13/97 TD 1, 09/13/97 TD 1, 09/14/97 TD 2, 09/14/97 T&SD 2, 09/17/97 TD 1
Canada Warbler	09/06/97 BC,BC & TD 1
Yellow-breasted Chat	08/24/97 LR 1, 09/01/97 LR 2, 09/13/97 TD 1 07/18/97 T&SD 2, 08/17/97 LR 1, 08/24/97 LR 2, 08/24/97 HH 8, 09/03/97 CL&HJ 1, 09/04/97 GF 2, 09/07/97 TD 7, 09/07/97 CL&RB 1, 09/13/97 H&PH 1,
Summer Tanager	09/13/97 TD 2, 09/14/97 T&SD 3, 09/16/97 H&PH 2, 09/20/97 BSG 3, 09/20/97 BSG&NC 3
Scarlet Tanager	09/10/97 CL&HJ 1
Northern Cardinal	08/10/97 TD 20, 08/14/97 MT 6, 08/17/97 CL 3, 08/23/97 T&SD 10, 08/23/97 T&SD 10, 08/24/97 LR 2, 08/24/97 HH 5, 08/30/97 WS 2, 09/01/97 LR 1, 09/01/97
	AB 5, 09/03/97 CL&HI 10, 09/04/97 H&PH 1, 09/04/97 MH.LR.&MF 1, 09/06/97 BSG 2, 09/07/97 CL&RB 6, 09/07/97 TD 20, 09/10/97 CL&HI 8, 09/13/97
	H&PH 6, 09/13/97 MH 1, 09/13/97 TD 9, 09/14/97 T&SD 10, 09/14/97 MH 2, 09/20/97 BSG 3, 09/21/97 MH 1, 09/21/97 JI 4
Blue Grosbeak	07/18/97 T&SD 1, 07/18/97 T&SD 3, 08/23/97 T&SD 6, 08/23/97 T&SD 6, 09/06/97 BSG 2, 09/07/97 CL&RB 4, 09/10/97 CL&HJ 12, 09/11/97 HH 2, 09/13/97
Indian Punting	H&PH 2, 09/16/97 H&PH 2, 09/18/97 H&PH 1 08/17/97 LR 3, 08/17/97 CL 12, 08/23/97 T&SD 5, 08/23/97 T&SD 5, 08/24/97 LR 2, 09/03/97 CL&HJ 8, 09/06/97 BSG 2, 09/07/97 CL&RB 8, 09/10/97 CL&HJ
Indigo Bunting	15, 09/1/97 HB 6, 09/13/97 TD 1, 09/13/97 H&PH 20, 09/14/97 T&SD 2, 09/16/97 H&PH 8
Painted Bunting	07/18/97 T&SD 5, 07/18/97 T&SD 2, 08/17/97 CL 1, 09/06/97 BSG 3, 09/07/97 CL&RB I
Dickcissel	07/18/97 T&SD 100, 09/03/97 CL&HJ 20, 09/07/97 CL&RB 2
Chipping Sparrow	08/24/97 HH 1
Field Sparrow	07/18/97 T&SD 1
Lark Sparrow	07/18/97 T&SD 2, 09/16/97 H&PH 1 09/24/97 PD 4
Nelson's Sharp-tailed Sparrow Swamp Sparrow	09/24/97 PD 4 09/24/97 PD 1
Red-winged Blackbird	08/14/97 MT 26 08/14/97 MT 4 08/14/97 MT 26 08/14/97 II 26 08/17/97 CL 100 08/21/97 H&PH 100 08/23/97 T&SD 3 08/23/97 T&SD 6 08/23/97 T&SD
-	100, 08/23/97 T&SD 3, 09/03/97 CL&HJ 75, 09/04/97 H&PH 3, 09/06/97 BSG 200, 09/07/97 CL&RB 100, 09/10/97 CL&HJ 100, 09/13/97 H&PH 206, 09/18/97 H&PH 250
Eastern Meadowlark	07/18/97 T&SD 7, 08/17/97 CL 1, 09/06/97 BSG 3, 09/07/97 CL&RB 2
Common Grackle	08/14/97 JI 15, 08/14/97 MT 6, 08/14/97 MT 15, 08/14/97 MT 15, 08/17/97 CL 1, 08/23/97 T&SD 7, 08/30/97 WS 13, 09/04/97 H&PH 4, 09/06/97 JI 17, 09/06/97
	BSG 2, 09/07/97 TD 20, 09/08/97 JI 47, 09/13/97 TD 7, 09/14/97 T&SD 5, 09/18/97 JI 11, 09/19/97 JB, 09/20/97 BSG&NC 6, 09/21/97 MH 1
Brown-headed Cowbird	08/14/97 MT 15, 08/14/97 JI 15, 08/14/97 MT 15, 08/21/97 H&PH 6, 08/23/97 T&SD 2, 08/23/97 T&SD 3, 09/03/97 CL&HJ 10, 09/06/97 BSG 1
Orchard Oriole	07/18/97 T&SD 3, 09/14/97 T&SD 4 09/03/97 CL&HJ 1, 09/07/97 TD 10, 09/13/97 TD 7, 09/20/97 BSG 2
Baltimore Oriole House Finch	09/0397 (CLECH I, 09/0797 ID 10, 09/1397 ID 7, 09/20/97 BSG 2 08/1497 MT 5, 08/3097 WS 2, 09/01/97 AB 8
House Sparrow	08/14/97 MT 45 08/14/97 MT 20 08/14/97 JI 45 08/14/97 MT 45 08/17/97 DR 7 08/23/97 T&SD 22 08/23/97 T&SD 22 08/30/97 WS 11 09/01/97 AB 7
	09/06/97 BSG 3, 09/07/97 CL&RB 5, 09/08/97 Jl 3, 09/13/97 MH 6, 09/14/97 MH 8, 09/15/97 MH 2, 09/20/97 BSG 4
D.: 4-11077	

Printed 1,277 records of 157 species.

USE YOUR KROGER'S CARD



BIRD STUDY GROUP NEWSLETTER

Volume 12, Number 3 November 3, 1997

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

November 11, 1997

6:30 p.m.

GARDENING FOR WILD BIRDS

Mr. Bill Fontenot

Refreshments will be available at 6:30 p.m. Come early to visit, relax, and enjoy fellowship.

NEXT FIELD TRIPS

November 8 - C. Bickham Dickson Park
November 15 - Cross Lake Barge Trip 1
November 22 - Cypress Lake Recreational Area
December 6 - Caddo Lake Bird Count
December 13 - Cross Lake Barge Trip 2
December 20 - Shreveport Christmas Bird Count

BOARD OF DIRECTORS

1997-1998 **OFFICERS**

President	Jean Trahan (3)	869-5719 W, 868-7360 H
Vice-president	Larry Raymond (1)	929-2806 W, 929-3117 H
Secretary	Jeff Trahan (3)	869-5217 W, 868-7360 H
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Mac Hardy (2)	797-5338 W, 687-6738 H
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Open Seat (1)	

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

COMMITTEE CHAIRPERSONSBIRD REPORT **Donna Burney** 742-6829 H

BIRD REPORT	Donna Burney	742-6829 H
	Will Smolenski	865-2938 H
BIRD HOT SPOTS	Larry Raymond	929-2806W, 929-3117 H
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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 II
	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

November 8 -- C. Bickham Dickson Park in Shreveport. Wintering woodland birds along the Red River can be expected. See our Mute Swan and Canada Goose families, but do not count them or turn them in because.....Oh well......? Ask Will!! Sigh:-). Meet at LSUS parking lot near the Museum of Life Sciences at 7:30 a.m. Leader: Jim Ingold.

November 15 -- Cross Lake Barge Trip. Always a favorite trip, we have two trips scheduled this year (Dec. 13th also). A per person fee of \$10 approximately, will cover the cost of barge rental. A sign up sheet will be passed around at the preceding club meeting, as space is limited. Also you may call Chuck or Sally Moffett to sign up for this trip. Meeting place: probably Shreveport Yacht Club. Time: 7:30 a.m. Leader: Chuck and Sally Moffett.

November 22 -- Cypress Lake Recreational Area and Don Sonnier Catfish Farm. We should see Bald Eagles at the catfish farm or at Cypress Lake Recreation Area. This is the first BSG trip to these two good areas. The mounted waterfowl exhibited in the nature center at Cypress Lake has over 100 birds. It is a good way to learn several species uncommon to our area, and is the most complete collection anywhere around. Meet at the WhatABurger on N. Market St. at 7:00 a.m. Leader: Hubert Hervey.

December 6 -- Caddo Lake Bird Count. This count is organized along the same guide-lines as Christmas Bird Counts but is not an official CBC because it is outside the required date limits. It is run by NETFO members and Jim Ingold is our coordinator with NETFO. Sign up, and the

area to be covered by each group will be handled by Jim at the November meeting. We cover the LA portion of the Caddo Lake area. Time: from can to can't. Leader: Jim Ingold.

December 13 -- Cross Lake Barge Trip #2. This trip is scheduled to go even if the November trip sails out of port. Yes, two trips in one year! Details are the same as for the November trip, with sign up sheet, fee, etc., required. Remember to dress warmly. Leader: Chuck and Sally Moffett.

December 20 -- Shreveport Christmas Bird Count. This is the longest continuous count in the state. The usual count is over 100 species. Feeder watchers and more participants are needed. Coordinator: Charles Lyon.

January 3, 1998 -- Bossier, Caddo, Bienville Christmas Bird Count. Now you know what BCBCBC means. This is a popular and productive CBC that has accurately provided data showing the changes in bird species and numbers due to the completion of the Red River Waterway Project. We invite your participation. Coordinator: Paul Dickson.

More information can be obtained from the trip leaders at these numbers:

Hubert Hervey: 925-9249 Mac Hardy: 797-5338 Jim Ingold: 797-5236

Chuck and Sally Moffett: 631-0736

Charles Lyon: 865-2674 Paul Dickson: 797-7900

ABOUT THE PROGRAM

Bill Fontenot received his Master's degree in biology (animal ecology) from Northeast Louisiana State University in 1980. He did post-graduate work in biogeography at University of Alabama in 1981-82. He has worked for the past 12 years with the Lafayette Louisiana Natural History Museum as Curator of Natural Sciences. He and his wife Lydia have owned and operated Prairie Basse, a native plant landscaping and nursery business, since 1988.

Mr. Fontenot has been contributing a column on natural history to the local Lafayette Sunday newspaper since 1986. He is the author of *Native Gardening in the South* and he co-wrote *A Cajun Prairie Restoration Journal* with Drs. Malcolm Vidrine and Charles Allen in 1995.

He is a past president of the Louisiana Native Plant Society and is on the technical advisory board for Louisiana Project Wildflower and the Louisiana office of the Nature Conservancy. He has been an active birder for the past 27 years.

CASH FOR YOUR TRASH!

Bring in your donations for the annual auction during the December meeting. Start cleaning out your closets, pantries, garages, junk rooms etc. and bring your unwanted stuff to the November meeting. Donations will be accepted up to the weekend before the auction.

REMEMBER! Your trash may be someone else's treasure!

Peterson Field Guide #49: A Field Guide to Warblers of North America

by Jon Dunn and Kimball Barrett

Reviewed by Jean Trahan

Buy it! Buy it! Now that I've gotten that out of my system, on with the review. The book starts with the obligatory introduction and then gets to the meat of the subject. It begins with a basic overview of warblers, genera, behavior, identification methods, research methods and a "how to use this book" section. Like the other Peterson Guides, the plates are well executed. However, these are all in a single section at the beginning of the book. Unlike other Peterson Guides, there are photos and detailed distribution maps with the descriptive sections. Each warbler has its own section devoted to description, similar species, voice, behavior, habitat, distribution, status and conservation, subspecies, taxonomic relationships, plumages and molts. References are included for each species account, should the reader wish to delve more deeply into that particular bird. Sixty warblers are treated in this fashion. The average birder in the field would have more information than he/she could handle with this book. It is almost twice as thick as the Eastern Birds Field Guide that makes it bulky to carry. However the undertail plates should be a big help with those warblers that are seen only fleetingly from below.

This book is very readable. The information gleaned from the species accounts will be beneficial in learning how to and where to find the warblers. As a reference book or extra guide to bring along, this book is highly recommended. The hardbound copy has been reported to be more durable, which is desirable for reference purposes. We have the soft cover copy, and it seems sturdy enough so far. We found our copy at Tower Bookstore in Shreveport.

Email reports list several mail order sources. Most bookstores will be glad to order a copy for you.

ATCHAFALAYA BASIN CANOE TRIP

by Hubert Hervey

The Atchafalaya River Basin canoe trip date has been set for March 21-22, 1998. We are most fortunate to have Charles Fryling as our leader. He presented an excellent program to the BSG last season and as a result of the appeal of the area, we initiated efforts to put this trip together.

Mark Norris Canoe Outfitters has agreed to furnish as many canoes as we will need. I have invited the Ozark Society to join us on this trip. At their October meeting a dozen of their members indicated a desire to participate. There are three possibilities of a place to stay and those who go on the trip can help decide which of these best meets our needs.

A sign up sheet will be passed around at the November BSG meeting. The appeal of the Atchafalaya should be at its height at the scheduled time of year!

LOS WINTER MEETING

by Hubert Hervey

Tentative plans for the LOS winter meeting are in place. The date, January 31 - February 1 1998, is a week later than usual and has been changed from what is written in the BSG Field Trips list handed out at the September meeting. The place is an area we in northwestern Louisiana seldom have a chance to bird, Baton Rouge, with a prospect of maybe adding a site in Mississippi.

BIRDING HOT SPOTS: HOT OFF THE PRESS

The first publication of the Bird Study Group: Birding Hot Spots of Northwestern Louisiana is finally ready for distribution. You may pick up your copy at the November Meeting or at any other time at the Museum of Life Sciences. Cost is one dollar if you pick it up and two dollars if it is mailed to you. We are not making a profit on the sale of this publication, we are only trying to recoup our costs. If you would like to order a copy call (318-797-5338) or write Mac Hardy at the Museum of Life Sciences, LSU in Shreveport, 1 University Place, Shreveport, LA 71115-2399.

LOUISIANA CHRISTMAS **BIRD COUNT DATES**

Naddo Lake Winter Bird Count. Saturday 6 December 1997. This is not an official Audubon CBC. Contact Dorothy Metzler at (903) 759-0699 (rlmetzler@msn.com) or Jim Ingold at 318-797-5236 (jingold@pilot.lsus.edu) if you are interested in participating in this count.

Crowley CBC. Friday 19 December 1997. Contact Bill Fontenot at (318) 261-8448 (Nature Center), (318) 896-9187 (Home) or (318) 268-5544 (Natural History Museum) (bbboy@linknet.net) or Paul Conover at (318) 234-9472 (pec8774@linknet.net) if you are interested in participating in this count.

Sabine CBC. Saturday 20 December 1997. Contact Marty (504)755-1915 (guidryrm@popalex1.linknet.net) or Karen Fay at (504) 763-6805 if you are interested in participating in this

Shreveport CBC. Saturday 20 December 1997. Contact Charles Lyon at (318) 865-2674 (clyon@softdisk.com) if you are interested in participating in this count.

Johnson's Bayou CBC. Sunday 21 December 1997. This count may not take place unless a new compiler is found. If you are interested in being the compiler for this count, contact Phillip Wallace at (504)822-0483 (pwallace@newman.k12.la.us).

Creole CBC. Monday 22 December 1997. Contact Dave Patton at (318) 232-8410 (davepatton@1stnet.com) if you are interested in participating in this count.

Pine Prairie CBC. Saturday 27 December 1997. Contact Bill Fontenot at (318) 261-8448 (Nature Center), (318) 896-9187 (Home) or (318) 268-5544 (Natural History Museum) (bbboy@linknet.net) if you are interested in participating in this count.

New Orleans CBC. Sunday 28 December 1997. Contact Glenn Ousset at (504) 271-3319 or David Muth at (504) 589-3882 ext. 128 (David_Muth@nps.gov) if you are interested in participating in this count.

Grand Isle/Grand Terre CBC. Friday 2 January 1998. This count will only take place if 6 or more participants are lined up. Contact Bob Russell at 504-283-7050 (home) or 504-862-2530 (work) if you are interested in participating in this count.

Lafayette CBC. Saturday 3 January 1998. Contact Paul Conover at (318) 234-9472 (pec8774@linknet.net) if you are interested in participating in this count. He would like help from some out-of-towners!!

Bossier, Caddo, Bienville CBC. Sunday 4 January 1998. Contact Paul Dickson, preferably by e-mail at paul@morrisdickson.com or (318) 797-7900 (work) if you are interested in participating in this count.

Baton Rouge CBC. Sunday 4 January 1998.

YOUR CONTRIBUTION COULD GO HERE

We are in need of authors for articles for our newsletter. It need not be typed. We'll check for spelling and grammar. Please give your contributions to Jim Ingold (Editor) or call him (742-5057 or 797-5236) and he will pick it up.

BIRDWATCH A NEW PROGRAM ON PBS

The Louisiana Public Broadcasting in association with I the Public Broadcasting System is presenting a new series on birdwatching, entitled "Birdwatch." The series hosts will be Donald and Lillian Stokes. The Stokes are authors of many books on birds and birding including a series on bird behavior and a book on bluebirds.

The program will include everyday tips for feeding, identifying, and attracting birds to your yard as well as information regarding nature photography, building birdhouses, and bird conservation. It will also feature field trips to national parks and wildlife refuges.

LPB will be showing the program on Saturdays at noon. The first show will be airing on Saturday 1 November 1997.

MINUTES OF REGULAR MEETING

October 14, 7:00 p.m. Museum of Life Sciences at LSUS

PROGRAM: The speaker was Dr. James Wiley who spoke on "Endangered Species Conservation in the West Indies"

APPROVAL OF MINUTES The minutes of the September meeting were approved.

COMMITTEE REPORTS

Treasurer: Betty Mason reported that the club has \$702.62 in the Hibernia account, \$120.06 on reserve at LSUS, and \$79.21 on deposit at the post office.

Field Trips: Hubert Hervey reported on the Daingerfield hawk count, the hawk count at Hubert Hervey's farm, and the outing to Caddo Detention Center. The next trip will be Saturday, October 18, at Millwood Lake. Club members will meet at the WhatABurger on North Market St. at 6:00 a.m. The BSG outing November 1 will be to Walter B. Jacob's. The BSG has reserved dormitories at Rockefeller Wildlife Refuge for the LOS meeting. If you want to stay in the dorms at Rockefeller, you must notify Mac Hardy. You only need to bring personal effects since towels, sheets, etc., are furnished.

Birding Hot Spots: Larry Raymond said that the Hot Spot brochure is almost finished.

Membership: Shirley Huss reported that the club has 137 members on record.

ANNOUNCEMENTS

Mac Hardy reported that the club has new checklists and bird report lists. These feature the new A.OU. names, species, and sequence.

Jim Ingold said that Donald and Lillian Stokes have a new birding program on PBS. It will first air Saturday, November 2, at noon.

Mac Hardy reported that Dr. Ron Chesser will speak Wednesday, October 29, at 7 p.m. in room 114 of Mickle Hall on the Centenary College campus. Dr. Chesser will speak on "The Search for Biological Endpoints at Chernobyl."

Meeting was adjourned at 9 p.m.

BIRD NOTES – OCTOBER

Compiled October 30, 1997

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	Athie Bell	09/04/97 Residence
BSG	Bird Study Group	10/11/97 Eddie Jones Nature Park (Formerly CDC)
BW	Bobbe Wommack	10/11/97 Residence
DM	Dorothy Metzler	09/17/97 Earl Williamson Park on Caddo Lake, 09/17/97 Mooringsport - Caddo Lake Dam,
		09/17/97 Mooringsport - Caddo Lake, SWEPCO entrance on LA 538
DM&PH	Dorothy Metzler and Peggy Harding	09/20/97 Earl Williamson Park on Caddo Lake; 09/26/97 Caddo Lake Dam Area; 10/02/97 Earl
		Williamson Park on Caddo Lake, 09/21/97 Mooringsport, Caddo Lake, Oil City, & Blanchard,
		09/21/97 Mooringsport,Caddo Lake, Oil City, &Blanchard
E&SH	Ed&Shirley Huss	09/21/97 Mooringsport, Caddo Lake, Oil City, & Blanchard, 09/21/97 Mooringsport, Caddo
		Lake, Oil City, &Blanchard, 10/01/97 Hwy. 71 & Lock & Dam #5
HH&TD	Hubert Hervey & Terry Davis	09/19/97 Woods & Thickets/Red River near Stoner Boat Launch
HH,RS&PD	H. Hervey, R. Seidler, & P. Dickson	10/22/97 Red River from Elm Grove to Clark's Sandbar (mile markers #209-20, 10/22/97 Red
		River, Elm Grove - Clark's Bar
ННо	Helen Hood	09/15/97 Residence, 09/25/97 Residence
J&JT	Jeff and Jean Trahan	08/09/97 Shreveport - C. Bickham Dickson Park, 08/24/97 Shreveport - C. Bickham Dickson
		Park, 09/06/97 Cypress - Black Bayou Rec., 09/14/97 Shreveport - C. Bickham Dickson Park,
		09/21/97 Shreveport - C. Bickham Dickson Park, 10/04/97 Shreveport: residence, 10/05/97
		Lock and Dam No. 4 on Red River, 10/12/97 Shreveport: C. Bickham Dickson Park.
JI	Jim Ingold	09/26/97 Residence: Bossier City, Jimmy Davis Bridge(Caddo side), 10/13/97 Residence,
		Bossier City
JI&ML	Jim Ingold and Marc Lukens	10/02/97 Residence: Bossier City, 10/13/97 Residence: Bossier City
LMH	L. M. Hardy	09/28/97 Loggy Bayou WMA, 09/28/97 Shreveport: 1823 S. Brookwood
LMH&LR	L. M. Hardy and Larry Raymond	10/04/97 Lock & Dam #5
LR	Larry Raymond	09/26/97 Walter Jacob's Nature Park
MT	Margo Tuller	09/15/97 Residence, 10/10/97 Residence
PD	Paul Dickson	09/27/97 Red River Sandbar near Elm Grove, 09/29/97 Red River, 10/02/97 Red River-
		Shreveport to Clark's Marina, 10/06/97 Red River Sandbar, 10/10/97 Red River Sandbar near
		Elm Grove, 10/11/97 Red River Sandbar, 10/12/97 Red River Sandbar, 10/12/97 Red River
		Sandbar, 10/13/97 Red River, 10/13/97 South Shreveport (over residence & farm), 10/15/97
		Farm on Leonard Rd, 10/17/97 Farm on Leonard Rd, 10/17/97 Red River sandbar near Elm
nn arra ***	P. D. L. G. H. G. L. T	Grove,
PD,SH&JH	P. Dickson, S. Huss & J. Haynie	10/21/97 Red River near Elm Grove: mile marker #209
T&SD	Terry and Stella Davis	09/26/97 Shreveport: Stoner Boat Launch Woods

WC&LR

Wesley Conner & Larry Raymond

09/21/97 Shreveport: Stoner Boat Launch Woods, 09/29/97 Shreveport: Behind Champion TD Terry Davis 09/21/97 Shreveport: Stoner Boat Launch Woods, 09/29/97 Shreveport: Behind Champion Lake, 09/29/97 Shreveport: C. Bickham Dickson Park, 09/30/97 Lock & Dam #5, 09/30/97 Poole Road and Hwy. 715, 10/11/97 Hwy. 71 and Red River Research Station, 10/11/97 Poole Road swamp area and Lock & Dam #5, 10/11/97 Powhatan area, 10/11/97 Yearwood Road and Lock & Dam #4, 10/12/97 Shreveport: Ford Park, 10/12/97 Shreveport: Ford Park, 10/12/97 Shreveport: Stoner Boat Launch Woods 09/19/97 Red Chute and Bodcau Bayous, 09/20/97 Red Chute and Bodcau Bayous 10/02/97 Caddo Lake Dam & Earl Williamson Park, 10/02/97 Old Mooringsport Landfill TH ` Tom Hardaway

RECORDS

Common Name	
American White Pelican Double-rotested Commonant Double-rotested Commonant Operating Processed Commonant Operating P	. 10/04/97
Double-created Commonant	
Anhings	
Ashings Annings Anning	LR 12, 10/05/9
American Bitter (02197 PD_SREATH 1 (02197 PD_SREAT	
Great Blue Heron 692/497 AET T. 091/497 AET T. 091/497 AET T. 091/497 DAI 091/997 HERT T. 092/097 DAMEPH 092/097 DASPH 092/097 DAI 091/197 TO 2, 1001/197 TO 2, 1001/197 DAI 1011/97 TO 2, 1001/197 DAI 1011/97 DAI 1011/	
LMH 1, 9979997 TD 2, 100197 EASH 16, 100297 DMARPH 2, 100297 MCAEL R. 1, 100497 LMHALR R. 9, 100597 RAT F. 1, 101/197 TD 2, 101/197 TD 1, 101/197 DM 1, 092/197 EASH 1, 1092/197 LAST 4, 092/197 LAST 4, 100497 LMHALR Z. 3, 100597 LAST 1, 101/197 TD 2, 101/197 PD 3, 101/197 PD	
Great Egret	
Great Egret 68/997 1.8.TT 6, 09/2497 1.8.TT 3, 09/1497 1.8.TT 1.0.10197 1.8.TT 1.0.10197 1.0.1197 1.0.0297 1.0.1197 1.0.1197 1.0.1197 1.0.1197 1.0.1197 1.0.1197 1.0.0297 1.0.1197 1.	1/97 TD 2,
OSCIPPOT DI 1001/97 EASH 21, 1002/97 TDMAEH 2, 1002/97 WCAEL R. 1004/97 LBHALE R.25, 1003/97 JAE J. 1011/97 TD 9, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 2, 10/11/97 TD 15, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 JAE J. 10/11/97 TD 2, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 JAE J. 10/11/97 TD 1, 10/11/97 JAE J. 10/11/97 JAE	
TD 7, 10/11/97 BSG 1, 10/11/97 II, 10/11/97 TD 5, 10/11/97 TD 5, 10/11/97 TD 1, 10/11/97 TD 2, 10/11/97 TD 1, 10/11/97 TD 2, 10/11/97 TD 2, 10/11/97 TD 1, 10/11/97 TD 2, 10/11/97 TD 2, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 2, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 2, 10/11/97 TD 1, 10/11/97 TD 1,	
Sawy Egyet	TD 9, 10/11/97
Little Blue Heron	
Trolored Heron 100197 182T 4 100197 182T 1, 1001197 TD 3, 102197 PD, SH&JH 6, 102297 HH,RS&PD 11 100197 E&SH 2, 1000297 J&TI 1, 1001197 TD 3, 102197 PD, SH&JH 6, 1092997 LH, 10, 092097 TD 8, 100197 E&SH 2, 100297 J&M.L 65, 10 100197 TD 1, 101197 TD 2, 101197 TD 3, 101197 TD 1, 101197 TD 2, 101197 TD 2, 101197 TD 3, 101197 TD 3, 101197 TD 1, 101197 TD 3, 101	
Tricolored Heron 100/197 EASH 2, 100/597 IAST 1, 101/197 TD 3, 102/197 PD,SH&H 6, 10/2297 HH,RS&PD 11 45, 101/197 TD 1, 101/197 TD 1, 101/197 TD 1, 101/197 TD 2, 10/2197 PD,SH&H 4, 90/2297 DB,SH&H 6, 10/2297 HH,RS&PD 3, 10/2197 PD,SH&H 4, 10/2297 JB,ML 65, 10/2197 PD,SH&H 4, 10/2197 PD,SH&H 4, 10/2197 PD,SH&H 4, 10/2197 PD,SH&H 1, 10/2197 TD 1, 10/1197 TD 2, 10/1197 TD 1,	JT 4, 10/11/97
Catle Eger	
Series S	
Green Heron 09/2097 DM&PH 1, 100/597 J&T 1, 10/11/97 TD 2	, 10/05/9 7 J&JT
Black-crowned Night-Heron 1021/97 PD, SH&HI 1021/97 TD 1011/97 TD 1021/97 HH, RS&PD 18 1021/97 HH, RS&PD	
Vallow-crowned Night-Heron	
White-faced bis 09/2197 HLT 3, 10/1197 TD 17, 10/2297 HHLRS&PD 18 Rosetts Spootbill 09/1997 TH 1, 10/2097 TH 1, 10/2097 TH 1, 10/2097 TH 14 Black Vulture	
White-fixed bis 10/2297 HH, R\$&PD 3	
Rosette Spoonbill 09/1997 TH 1, 09/2097 TH 1, 09/2497 TH 1 09/2497 TH 4 09/2497 TH 4 09/2497 I&T 1 09/1997 I&T 3, 09/24997 I&T 1 09/2497 TH 4 09/2497 TH 4 10/0597 I&T 1 10/0597 I&T 1 09/2497 I&T 1 09/2497 TH 4 09/2497 TH 4 10/0597 I&T 1 09/2497 I&T 1 09/	
Rosette Spoonbill 09/1997 TH 1, 09/2097 TH 1, 09/2497 TH 1 09/2497 TH 4 09/2497 TH 4 09/2497 I&T 1 09/1997 I&T 3, 09/24997 I&T 1 09/2497 TH 4 09/2497 TH 4 10/0597 I&T 1 10/0597 I&T 1 09/2497 I&T 1 09/2497 TH 4 09/2497 TH 4 10/0597 I&T 1 09/2497 I&T 1 09/	
Wood Stork Black Vulture 100597 PT 12, 109/1997 TH 30, 09/2097 TH 4, 09/24/97 TH 4 100597 PT 127, 12 (011/97 BSG 4, 101/197 TD 1, 10/11/97 TD 1, 10/11/97 TD 1, 09/26/97 DM&PH 3, 09/29/97 TD 2, 10/01/97 E&SH 1, 10 WC&LR 2, 10/05/97 J&T 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 2 10/13/97 PD 102 10/13/97 PD 103 10/13/97 PD 2, 10/13/97 PD 3, 10/13/97 PD	
Black vulture	
WC&LR 2, 10/05/97 I&IT 4, 10/11/97 TD 11, 10/11/97 TD 1, 10/11/97 TD 1, 10/12/97 TD 2 Greater White-fronted Goose 10/21/97 HH,RS&PD 5 Canada Goose 10/21/97 PD,SH&HH 1 Wood Duck 09/29/97 TD 2, 10/05/97 I&IT 12, 10/11/97 TD 2 Green-winged Teal 10/02/97 PD 18, 10/11/97 PD 19, 10/11/97 PD 2, 10/11/97 PD 3, 10/11/97 PD 1	
WC&LR 2, 100597 1&IT 4, 10/11/97 TD 11, 10/11/97 TD 1, 10/11/97 TD 1, 10/12/97 TD 2 Greater White-fronted Goose 10/21/97 HH,R\$&PD 5 Canada Goose 10/21/97 PD,SH&H 1 Wood Duck 09/23/97 TD 2, 10/05/97 J&JT 12, 10/11/97 TD 2 Green-winged Teal 10/02/97 PD 8, 10/11/97 PD 12, 10/13/97 PD 18, 10/11/97 PD 19, 10/22/97 HH,R\$&PD 9 Northern Pintail 10/21/97 PD,SH&JH 9, 10/22/97 HH,R\$&PD 9, 10/22/97 HH,R\$&PD 70 Blue-winged Teal 09/30/97 TD 3, 10/02/97 PD 3, 10/02/97 PD 4, 10/11/97 PD 5, 10/11/97 PD 5, 10/11/97 PD 2, 10/13/97 PD 2, 10/21/97 PD, SH&JH 15, 10/22 HH,R\$&PD 16 09/30/97 TD 3, 10/12/97 PD 3, 10/02/97 PD 3, 10/02/97 PD 1, 10/12/97 PD,SH&JH 5, 10/22/97 HH,R\$&PD 35 Gadwall 10/12/97 PD 2, 10/21/97 PD 3, 10/12/97 PD 4, 10/13/97 PD 5, 10/21/97 PD,SH&JH 16, 10/22/97 HH,R\$&PD 36 Gadwall 10/12/97 PD 2, 10/21/97 PD 2, 10/21/97 PD 4, 10/13/97 PD 15, 10/21/97 PD,SH&JH 16, 10/22/97 HH,R\$&PD 50 Gadwall 10/12/97 PD 3, 10/12/97 PD 4, 10/13/97 PD 15, 10/21/97 PD,SH&JH 16, 10/22/97 HH,R\$&PD 50 Gadwall 10/12/97 PD,SH&JH 1, 10/12/97 HH,R\$&PD 34 Rednead 10/12/97 PD,SH&JH 1, 10/12/97 HH,R\$&PD 34 Ruddy Duck 10/21/97 PD,SH&JH 1, 10/12/97 HH,R\$&PD 34 Ruddy Duck 10/21/97 PD,SH&JH 1, 10/11/97 TD 1, 10/13/97 PD 1 Mississipi Kite 08/24/97 J&T 2 Osprey 10/02/97 DM&PH 1, 10/11/97 TD 1, 10/13/97 PD 1 Mississipi Kite 08/24/97 J&T 2 Osyray DM&PH 1, 10/11/97 PD 1, 10/22/97 HH,R\$&PD 1 Osyray DM&PH 1, 10/11/97 PD 1, 10/22/97 TD 1, 10/12/97 J&T 1, 10/12/97 T&T 1, 10/12/97 T&T 1 Osyray DM&PH 1, 10/11/97 PD 1, 10/12/97 J&T 1, 10/12/97 J&T 1 Osyray DM&PH 1, 10/11/97 PD 1, 10/12/97 J&T 1, 10/11/97 TD 2, 10/11/97 TD 1, 10/11/97 TD 2, 10/11/97 DD 1, 10/11/97 DD 1, 10/11/97 DD 1, 10	10/02/97
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Snow Goose 10/22/97 HL,RS&PD 5	
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Mailard 1002/97 PD 4, 1022/97 HH,RS&PD 9 1002/97 PD, SH&H 9, 1072/97 HH,RS&PD 70 1072/97 HH,RS&PD 70 1072/97 PD, SH&H 9, 1072/97 HH,RS&PD 70 1072/97 HH,RS&PD 70 1072/97 PD, SH&H 15, 1072/97 HH,RS&PD 16 1072/97 PD, SH&H 15, 1072/97 PD 3, 1072/97 PD 3, 1072/97 PD, SH&H 15, 1072/97 PD 40, 1071/97 PD 55 1071/97 PD 22, 1072/97 PD, SH&H 15, 1072/97 PD 56 1072/97 PD 5, 1072/97 PD, SH&H 5, 1072/97 PD, SH&H 16, 1072/97 PD 2, 1072/97 PD, SH&H 16, 1072/97 PD, SH&H 16, 1072/97 PH,RS&PD 35 1072/97 PD 2, 1072/97 PD, SH&H 130, 1072/97 PD, SH&H 16, 1072/97 HH,RS&PD 50 1072/97 PD 2, 1071/97 PD 2, 1071/97 PD 3, 1072/97 PD, SH&H 16, 1072/97 HH,RS&PD 50 1072/97 PD, SH&H 1, 1072/97 PD 1, 1072/97 PD, SH&H 1, 1072/97 PD 2, 1071/97 PD 3, 1071/97 PD 3, 1071/97 PD 3, 1071/97 PD 5, 1071/97 PD 5, 1071/97 PD 5, 1072/97 PD 1, 1072/97 PD 1, 1072/97 PD 3,	
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HH,R\$&PD 16 Northern Shoveler O3/0997 TD 3, 10/12/97 PD 6, 10/13/97 PD 9, 10/21/97 PD,SH&JH 5, 10/22/97 HH,R\$&PD 35 American Wigeon O1/02/97 PD 10, 10/11/97 PD 2, 10/12/97 PD 4, 10/13/97 PD 15, 10/21/97 PD,SH&JH 16, 10/22/97 HH,R\$&PD 50 American Wigeon O9/17/97 DM 2 Redhead O9/17/97 DM 2 Redhead O1/12/97 PD,SH&JH 1, 10/12/97 HH,R\$&PD 34 Ruddy Duck O3/197 PD,SH&JH 1, 10/12/97 HH,R\$&PD 3 Ruddy Duck O3/197 PD,SH&JH 1, 10/11/97 TD 1, 10/13/97 PD 1 Missistipti Kite O3/24/97 1&JT 2 Northern Harrier O1/197 TD 1, 10/22/97 HH,R\$&PD 1 Sharp-shinned Hawk O9/26/97 DM&PH 1, 10/19/97 TD 1, 10/22/97 HH,R\$&PD 1 Cooper's Hawk O9/26/97 DM&PH 1, 10/19/97 PD 1, 10/22/97 PD 1, 09/29/97 TD 1, 10/12/97 J&JT 1, 10/12/97 TD 2 Broad-winged Hawk O9/26/97 DM&PH 1, 10/19/97 JB, TH 1, 10/11/97 TD 2, 10/11/97 TD 2, 10/11/97 TD 3, 10/11/97 TD 1, 10/12/97 J&JT 1 American Kestrel O9/26/97 DM&PH 1, 10/97/97 DB, 17H 1, 10/11/97 TD 2, 10/11/97 TD 3, 10/11/97 TD 3, 10/11/97 TD 1, 10/12/97 J&JT 1, 10/11/97 TD 2 Pregrine Falcon O9/26/97 DM&PH 1, 10/97/97 DB, 10/11/97 TD 2, 10/11/97 TD 3, 10/11/97 TD 3, 10/11/97 TD 3, 10/11/97 TD 2, 10/11/97 TD 2, 10/12/97 J&JT 1, 10/12/97 JB,JT 1, 10/12/97	/22/97
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Redhead 10/22/97 HH,RS&PD 2 Ring-necked Duck 10/21/97 PD,SH&JH 1, 10/22/97 HH,RS&PD 34 Ruddy Duck 10/21/97 PD,SH&JH 1, 10/22/97 HH,RS&PD 2 Osprey 10/02/97 DM&PH 1, 10/11/97 TD 1, 10/13/97 PD 1 Mississippi Kite 08/24/97 J&JT 2 Northern Harrier 10/11/97 TD 1, 10/22/97 HH,RS&PD 1 Sharp-shinned Hawk 09/26/97 DM&PH 1, 09/29/97 TD 1, 10/22/97 HH,RS&PD 1 Cooper's Hawk 10/11/97 JL 1, 10/13/97 PD 1 Red-shouldered Hawk 09/17/97 DM 1, 09/21/97 J&T 1, 10/13/97 JL 1 Food-winged Hawk 09/17/97 DM 1, 09/21/97 J&T 1, 10/11/97 BSG 4, 10/11/97 TD 2, 10/11/97 TD 1, 10/12/97 J&JT 1 Red-shouldered Hawk 09/26/97 DM&PH 1, 10/05/97 J&T 1, 10/11/97 BSG 4, 10/11/97 TD 2, 10/11/97 TD 1, 10/12/97 J&JT 1 American Kestrel 09/26/97 DM&PH 1, 10/05/97 J&TT 1, 10/11/97 TD 2, 10/11/97 TD 3, 10/11/97 BSG 1, 10/11/97 TD 1, 10/11/97 TD 2 Peregrine Falcon 10/12/97 PD 1, 09/30/97 TD 3, 10/02/97 PD 20, 10/11/97 TD 2, 10/11/97 TD 3, 10/11/97 FD 5, 10/11/97 TD 2 Sora 09/29/97 PD 1, 09/30/97 DM&PH 2, 09/21/97 J&JT 1, 09/30/97 TD 4, 10/02/97 PD, 5, 10/05/97 J&JT 2, 10/11/97 TD 2, 10/21/97 DM 2, 09/20/97 DM&PH 2, 09/21/97 J&JT 1, 09/30/97 TD 4, 10/02/97 PD 5, 10/05/97 J&JT 2, 10/11/97 TD 2, 10/21/97 DM 2, 09/20/97 PD MAPH 2, 09/21/97 J&JT 1, 09/30/97 TD 4, 10/02/97 PD M&PH 1, 09/28/97 LMH 1, 10/04/97 LMH&LR 3/21/21/97 J&JT 1, 10/11/97 TD 1, 1	
Ring-necked Duck Ruddy Duck 10/21/97 PD, SH&JH 1, 10/22/97 HH, RS&PD 34 Ruddy Duck 10/21/97 PD, SH&JH 9, 10/22/97 HH, RS&PD 2 Osprey 10/02/97 DM&PH 1, 10/11/97 TD 1, 10/11/97 PD 1 Mississippi Kite 08/24/97 J&JT 2 Northern Harrier 10/11/97 TD 1, 10/22/97 HH, RS&PD 1 Sharp-shinned Hawk 09/26/97 DM&PH 1, 09/29/97 TD 1, 10/22/97 HH, RS&PD 1 Cooper's Hawk 10/11/97 JD 1, 10/11/97 TD 1, 10/12/97 HH, RS&PD 1 Rod-shouldered Hawk 09/16/97 DM 1, 09/21/97 J&JT 1, 10/12/97 J&JT 1, 10/12/97 J&JT 1, 10/12/97 TD 2 Broad-winged Hawk 09/16/97 DM 1, 09/21/97 J&JT 1, 10/13/97 JB 1 Red-salled Hawk 09/26/97 DM&PH 1, 10/95/97 J&JT 1, 10/13/97 JB 1 Red-salled Hawk 09/26/97 DM&PH 1, 10/95/97 J&JT 1, 10/11/97 TD 2, 10/11/97 TD 3, 10/11/97 TD 1, 10/11/97 TD 2 Peregrine Falcon 10/12/97 PD 1, 09/26/97 DJ 3, 10/02/97 PD 20, 10/11/97 TD 3, 10/21/97 PD, Sh&JH 1 Common Moorhen American Coot 09/17/97 DM 2, 09/20/97 DM&PH 2, 09/21/97 J&JT 1, 09/30/97 TD 4, 10/02/97 PD 5, 10/05/97 J&JT 2, 10/11/97 TD 2, 10/21/97 Black-bellied Plover Killdeer 08/09/97 J&JT 1, 10/08/24/97 J&JT 1, 10/12/97 J&JT 10, 09/17/97 DM 2, 09/26/97 DM&PH 1, 09/28/97 LMH 1, 10/04/97 LMH&LR ERGHAND STAR STAR STAR STAR STAR STAR STAR STAR	
Ruddy Duck 10/2/197 PD, SH&H P, 9, 10/22/97 HH,RS&PD 2	
Ospréy 10/02/97 DM&PH 1, 10/11/97 TD 1, 10/13/97 PD 1 Mississippi Kite 08/24/97 J&T 2 Northern Harrier 10/11/97 TD 1, 10/22/97 HH,RS&PD 1 Sharp-shinned Hawk 09/26/97 DM&PH 1, 09/29/97 TD 1, 10/22/97 HH,RS&PD 1 Cooper's Hawk 10/11/97 JT 1, 10/13/97 PD 1, 10/22/97 HH,RS&PD 1 Red-shouldered Hawk 09/17/97 DM 1, 09/21/97 J&T 1, 10/12/97 J&T 1, 10/12/97 J&T 1, 10/12/97 TD 2 Broad-winged Hawk 09/17/97 DM 1, 09/21/97 J&T 1, 10/11/97 BSG 4, 10/11/97 TD 2, 10/11/97 TD 2 Pregrine Falcon 09/26/97 DM&PH 1, 10/05/97 J&T 1, 10/11/97 BSG 4, 10/11/97 TD 2, 10/11/97 TD 3, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 2 Pregrine Falcon 10/12/97 PD 1, 09/29/97 TD 3, 10/02/97 PD 20, 10/11/97 TD 2, 10/11/97 TD 3, 10/11/97 BSG 1, 10/11/97 TD 1, 10/11/97 TD 2 American Coot 09/17/97 DM 2, 09/20/97 DM&PH 2, 09/21/97 J&TT 1, 09/30/97 TD 4, 10/02/97 PD, 5, 10/05/97 J&TT 2, 10/11/97 TD 2, 10/11/97 TD 2 Black-bellied Plover Killdeer 08/09/97 J&TT 1, 10/82/97 J&TT 1, 10/12/97 J&TT 10, 09/17/97 DM 2, 09/26/97 DM&PH 1, 09/28/97 LMH 1, 10/04/97 LMH&LR LR J&TD 1, 09/17/97 JM, TD 1, 10/17/97 TD 1, 10/17/97 TD 1, 10/17/97 TD 1, 10/17/97 J&TT 1, 10/17/97 DM 2, 09/26/97 DM&PH 1, 09/28/97 LMH 1, 10/04/97 LMH&LR J&TD 1, 10/17/97 TD 1, 10/17/97 TD 1, 10/17/97 TD 1, 10/17/97 J&TT 2, 10/17/97 J&TT 2, 10/17/97 DM 2, 09/26/97 DM&PH 1, 09/28/97 LMH 1, 10/04/97 LMH&LR J&TD 1, 10/17/97 TD 1, 10/17/97 J&TT 2, 10/17/97 J&TT 2, 10/17/97 J&TT 2, 10/17/97 J&TT 2, 10/17/97 DM 2, 09/26/97 DM&PH 1, 09/28/97 LMH 1, 10/04/97 LMH&LR J&TD 1, 10/17/97 TD 1, 10/17/97 TB 1, 10/	
Missispipi Kite 08/24/97 J&T.2 09/24/97 J&T.2 08/24/97 J&T.2 08/24/97 J&T.2 09/26/97 DM&PH I, 09/29/97 TD I, 10/22/97 HH,RS&PD I Sharp-shinned Hawk 09/26/97 DM&PH I, 09/29/97 TD I, 10/22/97 HH,RS&PD I 09/26/97 J&T.2 09/29/97 TD I, 10/12/97 J&JT I 09/26/97 DM&PH I, 10/25/97 J&JT I, 10/12/97 J&JT I, 10/11/97 TD I, 10/12/97 J&JT I 09/26/97 DM&PH I, 10/25/97 J&JT I, 10/11/97 TD I, 10/12/97 TD I, 10/12/97 J&JT I, 10/11/97 TD I, 10/12/97 ID II, 10/12/97 TD II, 10/12/97 ID II, 10/12/97 ID III, 10/12/97 ID III, 10/12/97 ID IIII III, 10/12/97 ID IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	
Northern	
Sharp-shinned Hawk	
Cooper's Hawk 10/1.1/97 II 1, 10/13/97 PD 1 Red-shouldered Hawk 09/1/97 DM 1, 09/21/97 I&JT 1, 09/29/97 PD 1, 09/29/97 TD 1, 10/12/97 I&JT 1, 10/12/97 TD 2 Broad-winged Hawk 08/24/97 I&JT 2, 10/13/97 I&ML 1, 10/13/97 II 1 Red-stalled Hawk 09/26/97 DM&PH 1, 10/05/97 J&JT 1, 10/11/97 BSC 4, 10/11/97 TD 2, 10/11/97 TD 3, 10/11/97 BSG 1, 10/11/97 TD 1, 10/11/97 TD 2 American Kestrel 09/21/97 E&SH 1, 09/30/97 TD 3, 10/02/97 PB 20, 10/11/97 TD 2, 10/11/97 TD 3, 10/11/97 BSG 1, 10/11/97 TD 1, 10/11/97 TD 2 Fergrine Falcon 10/12/97 PD 1, 09/30/97 TD 3, 10/02/97 PD 20, 10/11/97 TD 2, 10/11/97 TD 3, 10/21/97 PD,SH&JH 1 Common Moorhen 10/05/97 I&JT 11, 10/11/97 TD 5, 10/11/97 TD 2 American Coot 09/17/97 DM 2, 09/20/97 DM&PH 2, 09/21/97 J&JT 1, 09/30/97 TD 4, 10/02/97 WC&LR 1, 10/02/97 PD 5, 10/05/97 J&JT 2, 10/11/97 TD 2, 10/21/97 12/05/01/22/97 HH,RS&PD 1 Black-bellied Plover 10/02/97 PD 1, 10/06/97 PD 1, 10/12/97 PD 1, 10/12/97 I&JT 2, 09/14/97 I&JT 10, 09/17/97 DM 2, 09/26/97 DM&PH 1, 09/28/97 LMH 1, 10/04/97 LMH&LR 3/17 10, 10/19/7 TD 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/17/97 IA/JT 12, 10/17/97 IA/JT 10, 09/17/97 IA/JT 2, IA/JT 10, 09/36/97 IA/JT 2, IA/JT 10, 09/36/97 IA/JT 10, 09/36/97 IA/JT 10, 09/36/97 IA/JT 2, IA/JT 10, 09/36/97	
Red-shouldered Hawk 09/1/97 DM 1, 09/21/97 I&TT 1, 09/22/97 PD 1, 09/29/97 TD 1, 10/12/97 I&T 1, 10/12/97 I&T 1 10/12/97 I&T 1 2 Broad-winged Hawk 08/24/97 I&T 2, 10/13/97 I&MLM 1, 10/13/97 I 1 Red-tailed Hawk 09/26/97 DM&PH 1, 10/05/97 I&T 1, 10/11/97 BSG 4, 10/11/97 TD 2, 10/11/97 TD 1, 10/11/97 TD 3, 10/11/97 TD 1, 10/11/97 TD 3, 10/11/97 TD 1, 10/11/97 TD 3, 10/11/97 TD 3, 10/11/97 TD 3, 10/11/97 TD 3, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 2 Peregrine Falcon 09/29/97 PD 1, 09/30/97 TD 3, 10/02/97 PD 20, 10/11/97 TD 3, 10/21/97 PD,\$H&JH 1 Common Moorhen 10/05/97 I&T 1, 10/11/97 TD 2, 10/11/97 TD 2 American Coot 09/11/97 DM 2, 09/20/97 DM&PH 2, 09/21/97 J&TT 1, 09/30/97 TD 4, 10/02/97 WC&LR 1, 10/02/97 PD 5, 10/05/97 J&JT 2, 10/11/97 TD 2, 10/21/97 ID 1, 10/11/97 TD 1, 10/11/	
Broad-winged Hawk 09/24/97 I&T 2, 10/13/97 Jk II 1 (10/13/97 Jl 1 (10/13/97 Jl 1 (10/13/97 Jk II	
Red-tailed Tawk 09/26/97 DM&PH 1, 10/05/97 J&T 1, 10/11/97 BSC 4, 10/11/97 TD 2, 10/11/97 TD 1, 10/12/97 J&T 1 American Kestrel 09/21/97 E&SH 1, 09/30/97 TD 1, 10/05/97 J&T 1, 10/11/97 BSC 4, 10/11/97 TD 3, 10/11/97 BSG 1, 10/11/97 TD 1, 10/11/97 TD 2 Peregrine Falcon 10/12/97 PD 1, 09/30/97 TD 3, 10/02/97 PD 20, 10/11/97 TD 3, 10/21/97 PD,SH&JH 1 Common Moorhen 10/05/97 J&T 11, 10/11/97 TD 5, 10/11/97 TD 2 American Coot 09/17/97 DM 2, 09/20/97 DM&PH 2, 09/21/97 J&JT 1, 09/30/97 TD 4, 10/02/97 WC&LR 1, 10/02/97 PD 5, 10/05/97 J&JT 2, 10/11/97 TD 2, 10/21/97 1250, 10/22/97 HH,RS&PD 1500 Black-bellied Plover Killdeer 08/09/97 J&T 10, 10/11/97 TD 1, 10/11/97 TD 1	
American Kestrel 09/21/97 £&SH 1, 09/30/97 TD 1, 10/05/97 J&FT 1, 10/11/97 TD 2, 10/11/97 TD 3, 10/11/97 BSG 1, 10/11/97 TD 1, 10/11/97 TD 2 Peregrine Falcon 09/29/97 PD 1, 09/30/97 TD 3, 10/02/97 PD 20, 10/11/97 TD 3, 10/21/97 PD,SH&JH 1 Common Moorhen 10/05/97 J&JT 1, 10/11/97 TD 5, 10/11/97 TD 3, 10/21/97 PD,SH&JH 1 Common Moorhen 09/29/97 H&JT 11, 10/11/97 TD 5, 10/11/97 TD 2 American Coot 09/17/97 DM 2, 09/20/97 DM&PH 2, 09/21/97 J&JT 1, 09/30/97 TD 4, 10/02/97 WC&LR 1, 10/02/97 PD 5, 10/05/97 J&JT 2, 10/11/97 TD 2, 10/21/97 E350, 10/22/97 HH,RS&PD 1500 Black-bellied Plover (Nildeer 08/09/97 J&JT 1, 10/11/97 TD 1, 10/12/97 PD 1, 10/22/97 HH,RS&PD 2 E36T 10, 10/11/97 TD 1, 10/11/97 T	
Peregrine Falcon 10/1297 PD 1 10/1297 PD 20, 10/11/97 TD 3, 10/21/97 PD, SH&JH 1 10/02/97 PD 20, 10/11/97 TD 3, 10/21/97 PD, SH&JH 1 10/02/97 PD 5, 10/05/97 J&TT 1, 10/11/97 TD 3, 10/11/97 TD 3, 10/21/97 PD, SH&JH 1 10/02/97 PD 5, 10/05/97 J&TT 2, 10/11/97 TD 2, 10/21/97 American Coot 09/17/97 DM 2, 09/20/97 DM&PH 2, 09/21/97 J&TT 1, 09/30/97 TD 4, 10/02/97 WC&LR 1, 10/02/97 PD 5, 10/05/97 J&TT 2, 10/11/97 TD 2, 10/21/97 12/97 12/97 12/97 PD 1, 10/20/97 PD 1, 10/12/97 PD 1, 10/22/97 HH,RS&PD 2 10/02/97 PD 1, 10/12/97 PD 1, 10/12/97 PD 1, 10/12/97 PD 1, 10/21/97 TB 1, 10/12/97 PD 1, 1	
Sora 09/29/97 PD 1, 09/30/97 TD 3, 10/02/97 PD 20, 10/11/97 TD 3, 10/21/97 PD,SH&H 1	
Common Moorhen American Coot O9/1797 J& TI 1, 10/11/97 TD 5, 10/11/97 TD 2 American Coot 1250, 10/22/97 HH, R\$&PD 150 Black-bellied Plover Killdeer O8/0997 J&TI 10, 09/24/97 J&TI 1, 09/10/97 J&TI 2, 09/21/97 J&TI 2, 10/21/97 J&TI 3, 09/14/97 J&TI 10, 09/17/97 DM 2, 09/26/97 DM&PH 1, 09/28/97 LMH 1, 10/04/97 LMH&LR J&TI 10, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/12/97 J&TI 2, 10/11/97 TD 1, 10/12/97 J&TI 2, 10/11/97 TD 1, 10/12/97 J&TI 2, 10/11/97 TD 1, 10	
American Coot 99/1797 DM 2, 99/20/97 DM&PH 2, 99/21/97 J&TT 1, 99/30/97 TD 4, 10/02/97 WC&LR 1, 10/02/97 PD 5, 10/05/97 J&T 2, 10/11/97 TD 2, 10/21/97 DB 1250, 10/22/97 HH, RS&PD 1500 10/02/97 PD 1, 10/05/97 PD 1, 10/12/97 PD 1, 10/22/97 HH, RS&PD 2 (00/09/97 PD 1, 10/05/97 PD 1, 10/12/97 PD 1, 10/05/97 J&TT 10, 99/17/97 DM 2, 09/26/97 DM&PH 1, 09/28/97 LMH 1, 10/04/97 LMH&LR J&TT 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 J&T 2	
1250, 10/22/97 HH,RS&PD 1500 Black-bellied Plover Killdeer 08/09/97 J&TT 10, 08/24/97 J&TT 16, 09/06/97 PD 1, 10/12/97 HH,RS&PD 2 Killdeer 08/09/97 J&TT 10, 08/24/97 J&TT 16, 09/06/97 J&TT 3, 09/14/97 J&TT 10, 09/17/97 DM 2, 09/26/97 DM&PH 1, 09/28/97 LMH 1, 10/04/97 LMH&LR J&TT 10, 10/11/97 TD 1, 10/11/97 TD 1, 10/12/97 J&TT 2	/07 PD SH&TU
Black-bellied Plover 10/02/97 PD 1, 10/06/97 PD 1, 10/12/97 PD 1, 10/22/97 HH,RS&PD 2 Killdeer 88/09/97 J&FT 10, 08/24/97 J&FT 16, 09/06/97 J&FT 3, 09/14/97 J&FT 10, 09/17/97 DM 2, 09/26/97 DM&PH 1, 09/28/97 LMH 1, 10/04/97 LMH&LR J&FT 10, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/12/97 J&FT 2	,,,rD,3neJH
Killdeer 08/09/97 J&TT 10, 08/24/97 J&TT 16, 09/06/97 J&TT 3, 09/14/97 J&TT 10, 09/17/97 DM 2, 09/26/97 DM&PH 1, 09/28/97 LMH 1, 10/04/97 LMH&LR J&TT 10, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/12/97 J&JT 2	
J&JT 10, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/12/97 J&JT 2	I D 22 10/05/0
	LR 32, 10/03/97
American Avocet 09/30/97 TD 36, 10/17/97 PD 1, 10/21/97 PD,SH&JH 11, 10/22/97 HH,RS&PD 9	
Greater Yellowlegs 10/02/97 PD 6, 10/04/97 LMH&LR 1, 10/05/97 J&JT 2, 10/11/97 PD 2, 10/13/97 PD 8, 10/21/97 PD,SH&JH 1, 10/22/97 HH,RS&PD 6	
Lesser Yellowlegs 10/02/97 PD 25, 10/11/97 TD 10, 10/11/97 PD 12, 10/13/97 PD 115, 10/21/97 PD, SH&JH 1, 10/22/97 HH, RS&PD 14	
Spotted Sandpiper 09/17/97 DM 5, 09/26/97 DM&PH 4, 09/29/97 TD 2, 09/30/97 TD 2, 10/04/97 LMH&LR 1, 10/11/97 TD 2, 10/12/97 TD 2	
Semipalmated Sandpiper 10/02/97 PD 2	
Western Sandpiper 09/30/97 TD 5, 10/04/97 LMH&LR 22	
Least Sandpiper 09/17/97 DM 1, 10/02/97 PD 140, 10/05/97 J&IT 225, 10/11/97 PD 60, 10/12/97 PD 120, 10/21/97 PD, SH&JH 45, 10/22/97 HH,RS&PD 30	
Pectoral Sandpiper 08/09/97 J&JT 2, 09/30/97 TD 3, 10/11/97 TD 7	
Dunlin 10/22/97 HH,RS&PD 7	
Stilt Sandpiper 09/30/97 TD 1	
Long-billed Dowitcher 10/02/97 PD 10, 10/11/97 PD 30, 10/12/97 PD 45, 10/13/97 PD 90, 10/21/97 PD, SH&JH 85, 10/22/97 HH,RS&PD 45	
Common Snipe 10/05/97 J&JT 1, 10/11/97 TD 1, 10/11/97 TD 23, 10/11/97 TD 1, 10/21/97 PD,SH&JH 12, 10/22/97 HH,RS&PD 10	
Franklin's Gull 10/22/97 HH,RS&PD 94	
Ring-billed Gull 10/12/97 PD 3	

Common Name	Data
Caspian Tern	10/12/97 PD 1
Forster's Tern	10/11/97 PD 3, 10/12/97 PD 6
Rock Dove	08/24/97 J&TT 1, 09/21/97 E&SH 6, 09/29/97 TD 10, 10/01/97 E&SH 12, 10/04/97 LMH&LR 4, 10/11/97 TD 1, 10/11/97 BSG 2, 10/11/97 TD 1, 10/11/97 TD 1
Mourning Dove	08/09/97 J&JT 8, 08/24/97 J&JT 55, 09/04/97 AB 4, 09/14/97 J&JT 5, 09/19/97 HH&TD 5, 09/21/97 J&JT 5, 09/21/97 E&SH 2, 09/26/97 T&SD 7, 09/28/97 LMH 1, 09/29/97 TD 15, 10/02/97 JJ&ML 2, 10/05/97 J&JT 2, 10/10/97 MT 6, 10/11/97 TD 1, 10/11/97 TD 1
Yellow-billed Cuckoo	08/24/97 J&JT 7, 09/21/97 J&JT 1
Chimney Swift	10/11/97 BSG 4
Eastern Screech-Owl	09/26/97 Л 1, 10/11/97 BSG 1
Barred Owl Common Nighthawk	09/21/97 J&JT 1 10/13/97 Л&ML 4, 10/13/97 Л 4
Chimney Swift	08/09/97 J&JT 1, 08/24/97 J&JT 2, 09/14/97 J&JT 4, 09/20/97 DM&PH 1, 09/21/97 J&JT 3, 09/26/97 DM&PH 100, 09/29/97 TD 13, 10/02/97 J&ML 3, 10/10/97
Cimino, Cimi	MT 2, 10/11/97 BSG 4, 10/12/97 J&JT 8, 10/13/97 JI 3, 10/13/97 JI &ML 3
Ruby-throated Hummingbird	08/24/97 J&T 2, 09/04/97 AB 4, 09/14/97 J&T 1, 09/15/97 HHo 3, 09/17/97 DM 1, 09/19/97 HH&TD 1, 09/21/97 J&T 1, 09/28/97 LMH 3, 09/29/97 TD 1, 10/10/97 MT 2, 10/11/97 BW 1
Belted Kingfisher	08/24/97 J&IT 3, 09/14/97 J&IT 1, 09/17/97 DM 1, 09/21/97 J&IT 1, 09/29/97 TD 1, 10/02/97 DM&PH 1, 10/05/97 J&IT 1, 10/11/97 TD 1, 10/12/97 TD 1, 10/12/97 J&IT 1
Red-headed Woodpecker Red-bellied Woodpecker	09/19/97 HH&TD 1 08/09/97 I&JT 1, 08/24/97 I&JT 6, 09/04/97 AB 1, 09/06/97 I&JT 1, 09/14/97 J&JT 8, 09/15/97 HH0 1, 09/17/97 DM 1, 09/19/97 HH&TD 14, 09/20/97 DM&PH 1, 09/21/97 I&JT 8, 09/21/97 E&SH 2, 09/26/97 LR 2, 09/26/97 T&SD 5, 09/26/97 DM&PH 1, 09/28/97 LMH 1, 09/28/97 LMH 2, 09/29/97 TD 10, 10/02/97 DM&PH 1, 10/02/97 I&ML 1, 10/02/97 WC&LR 1, 10/05/97 J&JT 1, 10/11/97 BSG 2, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 3, 10/12/97 J&JT 8
Yellow-bellied Sapsucker	09/26/97 T&SD 2, 10/02/97 DM&PH 1
Downy Woodpecker	08/24/97 J&TF 3, 09/14/97 J&TF 4, 09/19/97 HH&TD 8, 09/21/97 J&FF 6, 09/26/97 T&SD 4, 09/26/97 LR 2, 09/29/97 TD 8, 10/02/97 JJ&ML 1, 10/02/97 WC&LR 2, 10/11/97 BSG 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/12/97 TD 1, 10/12/97 J&FF 5
Hairy Woodpecker	2, 10/1197 BSG 1, 10/1197 LD 1, 10/1197 LD 1, 10/1197 LD 1, 10/1297 LD 1, 10/1297 LB 1 5 09/14/97 LB 17 2, 09/19/97 HB TD 2, 09/21/97 LB T1 2, 09/22/97 TE SD 1, 09/29/97 TD 1
Northern Flicker	08/24/97 J&JT 2, 09/14/97 J&JT 1, 09/19/97 HH&TD 1, 09/21/97 J&JT 2, 09/26/97 DM&PH 1, 09/26/97 T&SD 1, 09/29/97 TD 1, 10/02/97 DM&PH 1, 10/11/97 BSG 1
Pileated Woodpecker	08/24/97 J&JT 1, 09/21/97 J&JT 1, 09/26/97 DM&PH 1, 09/26/97 LR 1, 09/28/97 LMH 2, 09/29/97 TD 3, 10/02/97 WC&LR 1, 10/11/97 BSG 1
Olive-sided Flycatcher	09/19/97 HH&TD I
Eastern Wood-Pewee	08/24/97 J&T 1, 09/19/97 HH&TD 4, 09/21/97 TD 1, 09/26/97 T&SD 7, 09/29/97 TD 7, 10/11/97 TD 1
Least Flycatcher Eastern Phoebe	10/12/97 TD 1 09/06/97 J&JT 1, 10/11/97 BSG 2, 10/11/97 TD 1
Eastern Phoebe Great Crested Flycatcher	09/06/97 J&T 1, 10/11/97 BSG 2, 10/11/97 ID 1 08/24/97 J&T 1, 09/19/97 HB&TT 0, 09/21/97 J&TT 3
Eastern Kingbird	08(29)7 1&T 1, 08/24/97 1&T 3
Scissor-tailed Flycatcher	08/24/97 J&JT 2, 09/29/97 TD 1, 10/01/97 E&SH 1, 10/11/97 TD 1, 10/11/97 TD 9
Loggerhead Shrike	08/09/97 J&TT 1, 08/24/97 J&JT 1, 09/14/97 J&JT 3, 09/21/97 E&SH 1, 09/21/97 J&JT 1, 09/26/97 DM&PH 1, 09/29/97 TD 1, 10/01/97 E&SH 1, 10/02/97
	DM&PH 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/12/97 TD 1
White-eyed Vireo	09/21/97 E&SH 1, 09/26/97 LR 3, 09/26/97 T&SD 3, 09/29/97 TD 3, 10/11/97 TD 1
Yellow-throated Vireo Warbling Vireo	09/06/97 J&TT 1 09/19/97 HH&TD 4, 09/29/97 TD 2
Philadelphia Vireo	09/26/97 T&SD 5, 09/29/97 TD 3, 09/30/97 TD 1
Red-eyed Vireo	09/21/97 J&JT 1, 09/26/97 LR 1, 09/29/97 TD 1
Blue Jay	08/09/97 J&JT 1, 08/24/97 J&JT 10, 09/04/97 AB 5, 09/06/97 J&JT 5, 09/14/97 J&JT 20, 09/15/97 HHo 2, 09/17/97 DM 3, 09/17/97 DM 1, 09/19/97 HH&TD 14,
American Crow	99/21/97 E&SH 1, 09/21/97 1&TT 15, 09/26/97 LR 3, 09/26/97 DM&PH 1, 09/28/97 LMH 5, 09/29/97 TD 12, 10/02/97 DM&PH 2, 10/02/97 WC&LR 3, 10/05/97 1&TT 6, 10/10/97 MT 4, 10/11/97 BG 7, 10/11/97 TD 1, 10/11/97 TD 1, 10/12/97 LBT 10, 10/12/97 LDT 1, 10/13/97 II&ML 2, 10/13/97 II 20/24/97 I&TT 5, 09/06/97 I&TT 1, 09/14/97 I&TT 2, 09/14/97 DM 4; 09/21/97 E&SH 12, 09/21/97 I&T 4, 09/25/97 HH 0.25, 09/26/97 LR 4, 09/26/97 DM 4; 11/97 E&SH 12, 09/21/97 E&SH 12, 09/21/97 E&T 4, 09/25/97 HH 0.25, 09/26/97 LR 4, 09/26/97 DM 4; 11/97 E&SH 12, 09/21/97 E&T 4, 09/25/97 HH 0.25, 09/26/97 LR 4, 09/26/97 DM 4; 11/97 E&SH 12, 09/21/97 E&T 4, 09/25/97 HH 0.25, 09/26/97 LR 4, 09/26/97 DM 2/97 E&T 4, 09/25/97 E&T 4, 09/25/97 EW 4, 09/25/9
	09/28/97 LMH 9, 09/28/97 LMH 3, 09/29/97 TD 4, 10/01/97 E&SH 1, 10/02/97 WC&LR 2, 10/02/97 WC&LR 1, 10/05/97 J&JT 3, 10/11/97 BSG 6, 10/11/97 TD 1, 10/11/97 TD 1, 10/12/97 TD 1, 10/12/97 TD 1, 10/12/97 J&JT 2
Fish Crow	08/09/97 J&T 4, 08/24/97 J&JT 30, 09/06/97 J&JT 2, 09/14/97 J&JT 5, 09/19/97 HH&TD 2, 09/28/97 LMH 1, 10/02/97 DM&PH 13, 10/05/97 J&JT 25, 10/11/97 TD 28
Purple Martin	10 26 08/09/97 J&JT 2, 08/24/97 J&JT 2, 09/21/97 J&JT 25
Tree Swallow	09/19/97 HH&TD 2, 09/30/97 TD 150, 10/21/97 PD,SH&JH 35, 10/22/97 HH,RS&PD 45
Northern Rough-winged Swallow	09/29/97 TD 4, 10/02/97 PD 150, 10/11/97 BSG 2
Cliff Swallow	08/09/97 J&开 25
Barn Swallow	08/09/97 I&IT 25, 09/30/97 TD 5, 10/01/97 E&SH 35, 10/11/97 BSG 2, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/21/97 PD,SH&JH 45, 10/22/97 HH.RS&PD 25
Carolina Chickadee	08/24/97 J&TT 3, 09/04/97 AB 2, 09/06/97 J&TT 1, 09/17/97 DM 1, 09/19/97 HH&TD 6, 09/20/97 DM&PH 1, 09/21/97 J&TT 2, 09/21/97 E&SH 2, 09/26/97 DM&PH 1, 09/26/97 T&SD 6, 09/26/9
Tufted Titmouse	10/02/97 DM&PH 1, 10/10/97 MT 2, 10/11/97 BSG 2, 10/11/97 TD 4, 10/12/97 I&IT 7, 10/12/97 TD 1 08/24/97 I&IT 3, 09/04/97 AB 2, 09/15/97 HHo 3, 09/11/97 DM 1, 09/19/97 HH&TD 2, 09/21/97 E&SH 1, 09/21/97 I&IT 2, 09/26/97 DM&PH 1, 09/26/97 LR 5, 09/28/97 LMH 1, 09/29/97 TD 3, 10/02/97 WC&LR 4, 10/11/97 BSG 3, 10/11/97 TD 1, 10/12/97 TD 1, 10/12/97 I&IT 6
Red-breasted Nuthatch	10/04/97 LET 4, 10/11/97 BW 1
White-breasted Nuthatch	09/06/97 J&JT 1, 09/26/97 LR I
Brown-headed Nuthatch	10/12/97 TD 2
Carolina Wren	08/24/97 J&T 4, 09/04/97 AB 1, 09/06/97 J&T 1, 09/14/97 J&T 3, 09/15/97 HH0 3, 09/17/97 DM 1, 09/17/97 DM 1, 09/19/97 HH&TD 3, 09/21/97 J&T 5, 09/21/97 E&SH 1, 09/26/97 T&SD 4, 09/26/97 LR 3, 09/28/97 LMH 1, 09/29/97 TD 3, 10/02/97 WC&LR 2, 10/02/97 DM&PH 1, 10/10/97 MT 2, 10/11/97 BSG 6,
House Wren	10/11/97 TD 2, 10/12/97 J&IT 3, 10/12/97 TD 1 09/21/97 J&IT 1, 09/29/97 TD 1, 09/29/97 TD 1, 10/11/97 TD 1
Sedge Wren	09(21) 1 136(1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Marsh Wren	10/02/97 PD 8, 10/12/97 TD 1, 10/21/97 PD,SH&JH 3, 10/22/97 HH,RS&PD I
Ruby-crowned Kinglet	09/28/97 LMH 1, 10/06/97 PD 2
Blue-gray Gnatcatcher	08/2497 J&T 2, 09/06/97 J&T 2, 09/14/97 J&T 2, 09/11/97 DM 3, 09/19/97 HH&TD 18, 09/21/97 TD 4, 09/21/97 J&JT 5, 09/26/97 T&SD 10, 09/29/97 TD 1,
Eastern Bluebird	10/02/97 WC&LR 2, 10/12/97 J&JT 3 08/09/97 J&JT 2, 08/24/97 J&JT 3, 09/06/97 J&JT 3, 09/21/97 E&SH 1, 09/25/97 HHo 1, 10/11/97 BSG 6, 10/12/97 TD 2
American Robin	08/09/97 J&JT 35, 08/24/97 J&JT 5, 09/24/97 J&JT 35, 09/21/97 J&JT 15, 09/21/97 J&JT 15, 09/19/97 J&JT 15, 09/24/97 J&JT 25, 09/24/97 J&JT
	LR 1, 09/29/97 TD 20, 10/02/97 Jl&ML 12, 10/12/97 J&JT 1, 10/12/97 TD 1, 10/13/97 JD 1, 10/13/97 JJ 1 1
Gray Catbird	09/21/97 J&JT 2, 09/26/97 T&SD 6, 09/28/97 LMH 1, 10/11/97 TD 1, 10/12/97 TD 1
Northern Mockingbird	08/09/97 J&TT 1, 08/24/97 J&TT 12, 09/04/97 AB 3, 09/14/97 J&TT 5, 09/15/97 HHo 3, 09/17/97 DM 6, 09/19/97 HH&TD 3, 09/20/97 DM&PH 8, 09/21/97 E&SH 3, 09/21/97 J&TT 1, 09/26/97 DM&PH 1, 09/26/97 T&SD 5, 09/28/97 LMH 1, 09/28/97 LMH 2, 09/29/97 TD 5, 10/02/97 DM&PH 3, 10/02/97 J&ML 1, 10/11/97
	3, 09/2199 1821 1, 09/2099 DMREPH 1, 09/2099 182D 3, 09/2899 LMH 1, 09/2899 LMH 2, 09/2999 1D 3, 10/0299 DMREPH 3, 10/0299 182ML 1, 10/1199 TD 1, 10/1199 BSG 1, 10/1299 TD 1, 10/1399 TB 1, 10/1399 TB ML 1
Brown Thrasher	10/1.15/97 MT 1; 08/24/97 J&TT 1, 09/04/97 AB 1, 09/15/97 HHo 1, 09/15/97 MT 1; 09/26/97 T&SD 5, 09/28/97 LMH 1, 09/28/97 LMH 2,
	09/29/97 TD 10, 10/02/97 WC&LR 2
European Starling	08/09/97 J&JT 10, 08/24/97 J&JT 25, 09/14/97 J&JT 15, 09/19/97 HH&TD 20, 09/21/97 E&SH 21, 09/21/97 J&JT 5, 09/29/97 TD 7, 10/02/97 DM&PH 2, 10/02/97
	Ji&ML 4, 10/10/97 MT 2, 10/11/97 TD 1, 10/11/97 TD 1, 10/12/97 TD 1
Blue-winged Warbler	09/21/97 TD 2, 09/29/97 TD 1, 10/12/97 ##JT 1
Nashville Warbler Northern Parula	09/26/97 LR 2, 09/29/97 TD 2, 09/29/97 TD 1, 09/30/97 TD 1, 10/17/97 PD 2 09/17/97 DM 1, 09/21/97 TD 1, 09/26/97 LR 1
Yellow Warbler	09/1/9/ DM 1, 09/219/ 1D 1, 09/209/ LK 1 09/06/9/ J&F 1, 09/4/9/ J&F 2, 09/1/97 DM 2, 09/19/9 HH&TD 2, 09/20/97 DM&PH 1
Magnolia Warbler	09(21)97 TD 1
	10/12/97 TD 2
Yellow-rumped Warbler	
Black-throated Green Warbler	09/26/97 T&SD 1, 09/29/97 TD 1, 10/12/97 J&JT 1, 10/12/97 TD 1
Black-throated Green Warbler Yellow-throated Warbler	09/06/97 J&JT 1, 09/20/97 DM&PH 2, 10/02/97 PD 2, 10/02/97 WC&LR 2
Black-throated Green Warbler	

Merican Redstart	RECORDS		
Merican Redstart	Common Name	Data	
American Redstart 09/1797 DM 1, 09/19/97 HJ&TD 5, 09/20/97 DM&PH 1, 09/21/97 TD 6, 09/26/97 T&SD 7, 09/29/97 TD 4, 10/02/97 WC&LR 1, 10/11/97 TD 2, 10/12/97 TD 4, 10/12/97 JBZH 1, 10/12/97 JBZH 2, 10/12/97 JBZH 1, 10/12/97 JBZ	Black-and-white Warbler	09/06/97 J&JT 1, 09/14/97 J&JT 1, 09/17/97 DM 1, 09/19/97 HH&TD 1, 09/20/97 DM&PH 2, 09/26/97 LR 2, 09/26/97 T&SD 1, 09/29/97 TD 4, 10/12/97 TD 3,	
10/1297 TD 4, 10/1297 J&T1 1 Svainson's Warbler 09/2197 TD 2, 10/0297 DM&PH 1 Svainson's Warbler 09/2197 TD 1 09/2097 TD 1 Ovenbird 09/2097 TD 1 09/2097 TD 1 Northern Waterthrush 09/2097 DM&PH 1, 09/30/97 TD 2 Louisians Waterthrush 09/1797 DM 1 09/			
Prothogatary Warbler 09/2197 TD 1, 10/0297 DM&PH 1 09/2097 DM 1 1 1 1 1 1 1 1 1	American Redstart		
Swainan's Warbler 09/21/97 TD 09/20/97 DD 1 1 1 1 1 1 1 1 1	n d . m. 11		
Overside			
Northern Waterthrush			
Louisina Waterthrush			
Kentucky Warbler			
Mourning Warbler			
Common Yellowthroat 99/26/97 T&SD 1, 90/29/97 TD 7, 10/11/97 TD 1, 10/11/97 TD 3			
Hooded Warbler 09/1/97 HH&TD 3, 09/2/6/97 LMH 1 09/1/97 DM 1, 09/1/97 H&TD 3, 09/2/97 T&SD 6, 09/26/97 T&SD 6, 09/26/97 LR 1, 09/26/97 DM&PH 1, 09/29/97 DD 1 09/1/97 DM 1, 09/1			
Wilson's Warbler 99/17/97 DM 1, 99/19/97 HH&TD 2, 09/20/97 DM&PH 1, 09/21/97 TD 1, 09/26/97 T&SD 2, 09/29/97 TD 1, 09/29/97 TD 5, 10/12/97 TD 1 Canada Warbler 99/17/97 DM 1 99/17/97 DM 1 99/18/97 HH&TD 2, 09/20/97 H&TD 3, 09/21/97 J&TT 6, 09/26/97 T&SD 6, 09/26/97 T&SD 6, 09/26/97 DM&PH 1, 09/29/97 TD 1 10/15/97 PD 4, 10/21/97 PD, SH&H1 2 99/18/97 HH&TD 3, 09/21/97 J&TT 6, 09/26/97 T&SD 6, 09/26/97 T&SD 6, 09/26/97 DM&PH 1, 09/29/97 TD 1 10/15/97 PD 1, 10/10/297 PD 6, 10/11/97 TD 4, 10/13/97 PD 3, 10/21/97 PD, SH&H3 3, 10/21/97 HH,RS&PD 4 10/15/97 PD 1, 10/17/97 PD 6, 10/21/97 PD, SH&H1 2 White-throated Sparrow 10/15/97 PD 1, 10/17/97 PD 6, 10/21/97 PD, SH&H2 E 10/17/97 PD 2, 10/17/97 PD 8 10/17/97 PD 2, 10/17/97 PD 8 10/17/97 PD 2, 10/17/97 PD 8 10/17/97 PD 3, 10/21/97 HH&TD 2, 09/26/97 T&SD 5, 09/28/97 LMH 1, 09/29/97 TD 6, 10/02/97 PM 1, 09/19/97 HH&TD 6, 09/20/97 DM&PH 10/11/97 TD 1, 10/1			
Canada Warbler Summer Tanager 99/1/97 J&T 1, 09/15/97 HHb 1, 09/15/97 DM 1, 09/15/97 HH&TD 3, 09/21/97 J&T 6, 09/26/97 T&SD 6, 09/26/97 LR 1, 09/26/97 DM&PH 1, 09/29/97 TD 1 Savannah Sparrow 10/15/97 PD 1, 10/15/97 PD 1, 10/10/97 PD 6, 10/11/97 TD 4, 10/13/97 PD 3, 10/21/97 PD,SH&JH 3, 10/22/97 HH,RS&PD 4 Song Sparrow 10/15/97 PD 1, 10/17/97 PD 6, 10/21/97 PD,SH&JH 2 White-throated Sparrow 10/15/97 PD 1, 10/17/97 PD 6, 10/21/97 PD,SH&JH 2 White-throated Sparrow Northern Cardinal 08/05/97 J&TT 2, 08/24/97 J&TT 4, 09/04/97 AB 4, 09/06/97 J&JT 2, 09/14/97 J&JT 13, 09/15/97 HHb 3, 09/17/97 DM 1, 09/19/97 HH&TD 6, 09/20/97 DM&PH 09/21/97 J&JT 5, 09/26/97 T&SD 5, 09/28/97 T&SD 5, 09/28/97 L&JT 13, 09/25/97 T&D 6, 10/02/97 WC&LR 2, 10/05/97 J&JT 2, 10/11/97 TD 1, 10/1			
Summer Tanager O9/14/97 [EFT 1, 09/15/97 HH6 1, 09/17/97 DM 1, 09/19/97 HH&TD 3, 09/21/97 [EFT 6, 09/26/97 L&S 1, 09/26/97 DM&PH 1, 09/29/97 TD 1 Savannah Sparrow Noson's Shary-tailed Sparrow Song Sparrow 10/15/97 PD 1, 10/10/97 PD 6, 10/11/97 TD 4, 10/13/97 PD 3, 10/21/97 PD,SH&H 3, 10/22/97 HH,RS&PD 4 Song Sparrow 10/15/97 PD 1, 10/17/97 PD 6, 10/21/97 PD,SH&H 2 White-throated Sparrow Northern Cardinal 10/15/97 PD 2, 10/17/97 PD 8, 10/21/97 PD,SH&H 2 10/17/97 PD 2, 10/17/97 PD 8 Northern Cardinal 10/17/97 PD 2, 10/17/97 PD 8 Song Sparrow Northern Cardinal 10/17/97 PD 2, 10/17/97 PD 1, 10/17/97 PD 8, 10/21/97 HB&TD 3, 09/26/97 L&H 13, 09/15/97 HH 0, 3, 09/15/97 HM 1, 09/19/97 HH&TD 6, 09/20/97 DM&PH 10/15/97 PD, 11/17/97 PD 2, 10/17/97 PD 8 Blue Grosbeak 10/11/97 TD 1, 10/11/97 TD			
Savannah Sparrow 10/15/97 PD 4, 10/21/97 PD, SHÆ/H2			
Nelsorts Sharp-tailed Sparrow 09/30/97 TD 3, 10/02/97 PD 1, 10/10/97 PD 6, 10/11/97 TD 4, 10/13/97 PD 3, 10/21/97 PD,SH&JH 3, 10/22/97 HH,RS&PD 4			
Song Sparrow 10/15/97 PD 1, 10/17/97 PD 1, 10/17/97 PD 1, 10/17/97 PD 6, 10/21/97 PD,SH&JH 2			
Swamp Sparrow 10/1/597 PD 1, 10/1/197 PD 6, 10/21/97 PD, SH&JH 2			
White-thoated Sparrow 101/1797 PD 2, 101/1797 PD 8 101/1797 PD 2, 101/1797 PD 8 101/1797 PD 2, 101/1797 PD 8 109/04/97 AB 4, 09/04/97 AB 4, 09/04/97 I&T 2, 09/14/97 I&T 13, 09/15/97 HHo 3, 09/15/97 HM 1, 09/19/97 HM ETD 6, 09/20/97 DM&PH	Song Sparrow		
Northern Cardinal 08/09/97	Swamp Sparrow	10/15/97 PD 1, 10/17/97 PD 6, 10/21/97 PD,SH&JH 2	
99/21/97 J&T 5, 09/26/97 LR 7, 09/26/97 T&S D 5, 09/28/97 LMH 1, 09/29/97 TD 6, 10/02/97 WC&LR 2, 10/05/97 J&T 3, 10/10/97 MT 2, 10/11/97 BB 10 Grosbeak 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/12/97 J&T 9 Blue Grosbeak 10/11/97 TD 1, 10/11/97 TD 1, 10/11/97 TD 1, 10/12/97 J&T 3, 09/26/97 T&SD 2, 09/29/97 TD 2, 10/02/97 DM&PH 3, 10/11/97 TD 1, 10/11/97 TD	White-throated Sparrow		
Indigo Bunting 09/1/97 DM 1, 09/19/97 HH&TD 2, 09/20/97 DM&PH 2, 09/21/97 T&SD 2, 09/29/97 TD 2, 10/02/97 DM&PH 3, 10/11/97 TD 1, 10/11/97 T	Northern Cardinal	09/21/97 J&JT 5, 09/26/97 LR 5, 09/26/97 T&SD 5, 09/28/97 LMH 5, 09/28/97 LMH 1, 09/29/97 TD 6, 10/02/97 WC&LR 2, 10/05/97 J&JT 3, 10/10/97 MT 2,	
Red-winged Blackbird 99/14/97 J&JT 1, 09/19/97 HH&TD 4, 09/21/97 J&JT 10, 09/29/97 TD 7, 10/05/97 J&JT 5, 10/11/97 TD 1, 10/11/97 DD 1, 09/19/97 HH&TD 15, 09/21/97 J&JT 5, 09/28/97 LMH 1, 09/29/97 J&ML 9, 10/29/97 J&JT 1, 10/12/97 J&JT 1, 10/12/97 J&JT 1, 10/13/97 J, 10/13/97 J&JT 1, 10/1	Blue Grosbeak	10/11/97 TD 1	
3000 Eastern Meadowlark Common Grackle 08/09/97 J&TT D, 10/11/97 TD 1, 10/11/97 BSG 3, 10/11/97 TD 1 08/09/97 J&TT E, 08/24/97 J&TT 18, 09/14/97 J&TT 1, 09/17/97 DM 5, 09/19/97 HH&TD 15, 09/21/97 J&JT 75, 09/28/97 LMH 1, 09/29/97 TD 5, 10/02/97 J&M&M 9, 10/02/97 DM&PH 2, 10/02/97 WC&LR 9, 10/05/97 J&JT 1, 10/12/97 J&JT 12, 10/13/97 JI 2, 10/13/97 JI&ML 3 Brown-headed Cowbird 08/24/97 J&JT 8, 09/29/97 TD 3, 100/5/97 J&JT 17, 10/11/97 TD 1, 10/11/97 TD 1, 10/13/97 JI&ML 13, 10/22/97 HH,RS&PD 600 Baltimore Oriole 08/24/97 J&JT 6, 09/14/97 J&JT 1, 09/11/97 DM 1, 09/19/97 HH&TD 1, 09/20/97 DM&PH 2, 09/21/97 J&JT 1, 10/02/97 J&ML 1 House Finch 09/04/97 AB 6, 09/21/97 E&SH 12, 10/10/97 MT 6, 10/11/97 TD 5	Indigo Bunting		
Common Grackle 08/09/97 J&FT 6, 08/24/97 J&FT 18, 09/14/97 J&FT 7, 09/17/97 DM 5, 09/19/97 HH&TD 15, 09/21/97 J&FT 15, 09/28/97 LMH 1, 09/29/97 TD 5, 10/02/97 J&MML 3, 09/29/97 H&ML 3, 10/02/97 DM&PH 2, 10/02/97 DM&PH 2, 10/02/97 J&FT 12, 10/13/97 J&FT 12, 10/13/97 J&FT 13, 10/13/97 J&FT 13, 10/13/97 J&FT 14, 10/13/9	Red-winged Blackbird		
Common Grackle 08/09/97 J&FT 6, 08/24/97 J&FT 18, 09/14/97 J&FT 7, 09/17/97 DM 5, 09/19/97 HH&TD 15, 09/21/97 J&FT 15, 09/28/97 LMH 1, 09/29/97 TD 5, 10/02/97 J&MML 3, 09/29/97 H&ML 3, 10/02/97 DM&PH 2, 10/02/97 DM&PH 2, 10/02/97 J&FT 12, 10/13/97 J&FT 12, 10/13/97 J&FT 13, 10/13/97 J&FT 13, 10/13/97 J&FT 14, 10/13/9	Eastern Meadowlark	19/11/97 TD 1, 19/11/97 TD 1, 19/11/97 BSG 3, 19/11/97 TD 1	
9, 10/02/97 DM&PH 2, 10/02/97 WC&LR 9, 10/05/97 J&JT 1, 10/12/97 J&JT 12, 10/13/97 JR 3, 10/13/97 JR ML 3 08/24/97 J&JT 8, 09/23/97 TD 3, 10/05/97 J&JT 175, 10/11/97 TD 1, 10/11/97 TD 1, 10/13/97 JR ML 13, 10/22/97 HH,RS&PD 600 Baltimore Oriole 08/24/97 J&JT 6, 09/14/97 J&JT 1, 09/17/97 DM 1, 09/19/97 HH&TD 1, 09/20/97 DM&PH 2, 09/21/97 J&JT 1, 10/02/97 JR ML 1 House Finch 09/04/97 AB 6, 09/21/97 E&SH 12, 10/10/97 MT 6, 10/11/97 TD 5			
Brown-headed Cowbird 08/24/97 J&JT 8, 09/29/97 TD 3, 10/05/97 J&JT 175, 10/11/97 TD 1, 10/11/97 TD 1, 10/13/97 JI 12, 10/13/97 J&ML 13, 10/22/97 HH,RS&PD 600 Baltimore Oriole 08/24/97 J&JT 6, 09/14/97 J&JT 1, 09/17/97 DM 1, 09/19/97 HH,ETD 1, 09/20/97 DM&PH 2, 09/21/97 J&JT 1, 10/02/97 J&ML 1 House Finch 09/04/97 AB 6, 09/21/97 E&SH 12, 10/10/97 MT 6, 10/11/97 TD 5			
Baltimore Oriole 08/24/97 J&JT 6, 09/14/97 J&JT 1, 09/17/97 DM 1, 09/19/97 HH&TD 1, 09/20/97 DM&PH 2, 09/21/97 J&JT 1, 10/02/97 JI&ML 1 House Finch 09/04/97 AB 6, 09/21/97 E&SH 12, 10/10/97 MT 6, 10/11/97 TD 5	Brown-headed Cowhird		
House Finch 09/04/97 AB 6, 09/21/97 E&SH 12, 10/10/97 MT 6, 10/11/97 TD 5			
	House Sparrow	09/04/97 AB 5, 09/21/97 E&SH 8, 09/25/97 HHo 5, 09/28/97 LMH 6, 09/29/97 TD 30, 10/10/97 MT 10, 10/12/97 J&JT 1	

Printed 945 records of 160 species.



Membership Application

Shreveport Society for Nature Study, Inc.

BIRD STUDY GROUP

318,797-5338; e-mail lsusmus@prysm.net

Name	Date
Address	
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e-mail	
Membership Category:	Regular(\$10.00) Sustaining (\$25.00) Family (\$15.00; 1 newsletter, 1 address)
	Names:
Mail Check Payable to:	SSNS BIRD STUDY GROUP Museum of Life Sciences One University Place Shreyeport LA 71115-2399



BIRD STUDY GROUP NEWSLETTER

Volume 12, Number 4 November 25, 1997

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

December 9, 1997

6:30 p.m.

and AUCTION

Featuring good food,
fellowship, and our annual auction
with our very own famous
Bird Auctioneer
Mr. Paul Dickson

CHRISTMAS BIRD COUNTS

Shreveport CBC - December 20, 1997 Bossier, Caddo, Bienville CBC - January 3, 1998

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

Open Seat (1)

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Judy Townes	929-4106 W, 865-7412 H
Jim Ingold	797-5236 W, 742-5067 H
	Will Smolenski Larry Raymond Hubert Hervey Bill Hall. Will Smolenski Jim Ingold Louretta Soule June Haynie True Mann Marty Carroll Shirley Huss Jim Ingold Vicki LeFevers Jeff Trahan Rosemary Seidler Larry Raymond Judy Townes

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FIELD TRIPS

December 6 - Caddo Lake Bird Count. This count is organized along the same guide- lines as Christmas Bird Counts but is not an official CBC because it is outside the required date limits. It is run by NETFO members and Jim Ingold is our coordinator with NETFO. See details in this newsletter under Outings. Leader: Jim Ingold.

December 13 - Cross Lake Barge Trip #2. See details in this newsletter under Outings. Remember to dress warmly. Leader: Chuck and Sally Moffett.

December 20 - Shreveport Christmas Bird Count. This is the longest continuous count in the state. The usual count is over 100 species. Feeder watchers and more participants are needed. Coordinator: Charles Lyon.

January 3, 1998 - Bossier, Caddo, Bienville Christmas Bird Count. Now you know what BCBCBC stands for. This is a popular and productive CBC that has accurately provided data showing the changes in bird species and numbers due to the completion of the Red River Waterway Project. We invite your participation. Coordinator: Paul Dickson.

January 10 - Cross Lake, Mallard Bay and north shore. Ducks, cormorants, grebes, and very good sparrow habitat. Meet at the What-A-Burger on N. Market St. at 8:30 a.m. Leader: Mac Hardy.

January 17 - Owl Prowl. The Yearwood Road area has consistently produced our best record of owls. This popular trip is back by popular demand. I promise not to keep you up past your bedtime. Depart from LSU-S parking lot at 3:00p.m. We will bird Yearwood Road until dark and start trying for owls after that. Short-eared Owls are usual for this trip along with our 4 resident species. Meet us in progress down Yearwood Road if you can't make the 3:00p.m. time. Leader: Hubert Hervey.

Paul Dickson: 798-1000 Hubert Hervey: 925-9249 Mac Hardy: 797-5338 Jim Ingold: 797-5236 Charles Lyon: 865-2674

Chuck & Sally Moffett: 631-0736

AMERICAN WHITE PELICAN A REQUEST FOR INFORMATION

Tommy King is a research biologist with the USDA, National Wildlife Research Center's Mississippi Field Station at Mississippi State University. He has been studying American White Pelicans and their impact on aquaculture for about 4 yrs. Among other American White Pelican projects, he has been banding young birds at Chase Lake NWR, ND and capturing and marking adults with orange patagial markers (with black numbers) and radio transmitters in LA, MS and ND. He would greatly appreciate receiving information regarding sightings of marked American White Pelicans. Please include the date, location, numbers of pelicans seen, which wing (right or left) is marked, if the transmitter is visible, and if possible the patagial tag number. Send your information to:

Tommy King
USDA/APHIS/WS/NWRC
Mississippi Field Station
PO Drawer 6099
MS State Univ., MS 39762
601-325-8314
E-mail: dtking@netdoor.com

PEVETO WOODS IS SAFE!

The Peveto Woods, known formerly as Holleyman-Sheely-Henshaw Sanctuary, has been permanently saved from the bush hog. An Appeals Court Judge has upheld a permanent injunction against the Cameron Parish Police Jury. The Police Jury wanted to cut all of the

vegetation because of a weed ordinance. (The Barred Owl, Volume XXIII, Number 10; November 11, 1997)

PHONE TREE E-MAIL

The new phone tree is now available and will be included in the January Newsletter. If you would like a copy before then, call Rosemary Seidler (869-5231 w, 424-2972 h). The phone tree is a message system for rapid dissemination of news about rare birds in our area. When one of the leaders of the phone tree is contacted, each person calls another to rapidly pass the word.

For those with e-mail capability, you can now send your message to: **phonetree@alpha.centenary.edu** for instant dispersal to all electronic phone tree participants.

AUCTION ITEMS

Pring items for the auction to the Museum as soon as possible. We need to be able to plan for space and layout of silent auction items. Also, the famous Bird Auctioneer needs to evaluate the items prior to auction day, so he can best present them to you for the highest possible price.

LAKE DEGRAY EAGLES AND COOTS

According to an article in The Times (Shreveport, Louisiana) on Monday 3 November 1997, a multi-agency task force "plans to track the movements of **Bald Eagles** and **American Coots** in Lake DeGray area of southwestern Arkansas."

This study is in response to a massive die off on Lake DeGray during the 1994-95 (29 dead eagles were recovered) and 1996-97 (26 dead eagles were recovered) winters. According to Karen Rowe, who is an endangered species biologist with the Arkansas Game and Fish Commission, they are going to try to capture and mark both eagles (transmitters) and coots (color neck bands) to see if these birds travel from lake to lake. The coots are being studied because some of the dead eagles had coot remains in their stomachs. The cause of these die offs has never been discovered.

The task force is being led by Ken Smith of the Ozark Natural Science center near Huntsville. Other members of the task force will be from the following organizations: Arkansas Game and Fish Commission, Army Corps of Engineers, Arkansas Pollution Control and Ecology Department, and the Ross Foundation.

Help Wanted

Your dream job might be just around the next sparrow bush. Work at home at your own schedule, doing a job that is very important to hundreds of birders nationwide, and learn more about birding while doing the job. What more could you want? Pay, vacations, a health plan, company car, retirement-plan, free grandchild-care? Forget it!

The Bird Study Group needs two or three more persons to help enter bird records into the computer database. We presently have two recorders: Shirley Huss and Pat Hervey. They are doing an outstanding job. The reason for getting more birders involved in this important and fun job is to help lighten the work load for each person and to avoid serious problems that arise when a deadline is tomorrow and one or both recorders are out of town.

This is the way it works. On or soon after the 15th of each month pick up your packet from the Museum. Your packet is an envelope that will contain the bird record sheets and a diskette. At the computer of your choice and at your leisure you can enter and check the records. When finished, you return the packet to the museum at least a day or two before the deadline for newsletter printing, usually near the end of the month.

The requirements to do the job are simple. Use our program on a PC (DOS or Windows). We provide the program, installation, and training. Call Mac at the Museum (797-5338) or at home (687-6738) for more information. Lifetime commitment preferred.

NEW BOOKS IN THE LIBRARY

The Museum Library has received two new books:

A Field Guide to Warblers of North America. Jon Dunn and Kimball L. Garrett (Houghton Mifflin Co., NY, 1997)

Skuas and Jaegers. A Guide to the Skuas and Jaegers of the World. Klaus Malling Olsen and Hans Larsson. (Yale University Press, New Haven, CT, 1997)

ORNITHOLOGY CLASS AT LSU IN SHREVEPORT

Jim Ingold will be teaching an ornithology class for credit during the spring semester. It will be taught as a special topics course for three credit hours and will include both laboratory (including field trips) and lecture material.

NOTE: There was a problem with the printed schedule: the undergraduate level section (BIOS 490) was listed as one credit hour and not three; the graduate level listing was left out all together. The graduate section is BIOS 690 and the sequence number is 26488. As of this writing the listing on the LSUS web page still lists BIOS 690 as one hour but it should be changed to three hours before the start of the spring semester.

OUTINGS

CYPRESS LAKE RECREATION AREA, NOVEMBER 22, 1997

By Hubert Hervey

The first BSG trip into Cypress Lake Recreation Area and Nature Center was a big success. We spent the morning finding quite a few of the harder to find winter birds of northern Louisiana. These include: Red-breasted Nuthatch, 13 or more, Brown Creeper, Winter Wren, Golden-crowned Kinglet, Hermit Thrush, and Pine Siskin. On the lake, we saw: Common Loon 5, Horned Grebe 4, Red-breasted Merganser, Bald Eagle, White Ibis and Bonaparte's Gull. The trip totaled 54 species.

A good side trip included the excellent mounted waterfowl exhibit in the Nature Center. Interesting comparative studies of some difficult to identify species were made. These included: Black Duck, Mottled Duck, Mallard and Mallard hybrids; Greater and Lesser Scaup; Barrow's and Common Goldeneye; and Ross' and Snow Goose (white form). Also species seldom or never seen in Louisiana are on display. These include: Masked Duck, Common Eider, Oldsquaw, Cinnamon Teal, Eurasian Wigeon, all three scoter species, and Common Merganser.

Our thanks to Christina Hardwick, Nature Center Manager, for her hospitality.

CROSS LAKE BARGE TRIP DECEMBER 13, 1997

By Hubert Hervey

A sign-up sheet will be passed around at the Dec. 9th meeting for the barge trip on Cross Lake Dec. 13th. One or two barges will go out from the Shreveport Yacht Club, on South Lakeshore Drive, depending on the number of people signing up. If you can't attend the meeting and want to go on the trip you should contact Chuck or Sally

Moffett at 631-0736, or Hubert Hervey at 925-9249 before Thursday Dec. 11th.

CADDO LAKE WINTER BIRD COUNT, DECEMBER 6, 1997

By Hubert Hervey

This outing is like an official Christmas Bird Count, and you can participate and see if taking part in one of the many official counts would suit you or not. It centers on lovely Caddo Lake and our part of it includes all of the Louisiana side of the lake. NETFO (Northeast Texas Field Ornithologists) takes care of the Texas side. Call our leader, Jim Ingold at 797-5236, and he will assign you an area or let you join up with a group which has an assigned area. If you would like to participate on the Texas side, call Dorothy Metzler at 903-759-0699

BIRD REPORTS

The Bird Notes in each Newsletter is a report of bird sightings by BSG members. The records are in a computer database. All birders are encouraged to submit their observations. Be sure to include the precise locality, the date, and the number of each species seen. Get your report to one of the Bird Notes Compilers (see Newsletter) or get them to the Museum. Use a Bird Report form, a daily checklist, or any other format. Accuracy is most important!

FAX YOUR BIRD REPORT

If you use the Bird Report form for reporting and have a FAX machine available, we urge you to FAX in your report to the Museum (797-5338). This avoids possible errors due to transcription when a report is called in to a compiler. The FAX machine is always on. Please do not FAX random notes, backs of envelopes, lunch napkins, etc. – call these lists to a compiler. Fax only the completed report form.

GADZOOKS!!

Gadwall Galore

Ducks Unlimited reports in the November-December issue of their magazine, that the May 1997 population of Gadwall was at an all time high. The estimated population on the area traditionally surveyed for Gadwall was 3.9 million birds which is a 31% increase over 1996

numbers. The 1997 population is 173% above the population in 1955, when these types of surveys first began.

Biologists do not have an explanation for this tremendous increase in **Gadwall** numbers, but it has been suggested that it might be due to **Gadwall** habitat conservation in the northern prairies under the United States Conservation Reserve Program. However it has been noted that other duck species, using this same habitat, are not showing the same population increases.

NEW WATERFOWL IDENTIFICATION BOOK AVAILABLE

A new book for identifying, sexing and aging waterfowl is now available from the U.S. Fish and Wildlife Service. *Species, Age and Sex Identification of Ducks Using Wing Plumages* by Samuel M. Caney can be purchased via the telephone by calling 202-512-1800; the stock number is 024-010-0695-1. Cost is \$20.00.

The book includes color photographs and tables that present detailed information that permit the identification and sexing of waterfowl. (Ducks Unlimited, November-December 1997; p. 36)

MINUTES OF REGULAR MEETING

MINUTES OF THE NOVEMBER MEETING November 11, 1997, 7:00 p.m. Museum of Life Sciences at LSUS

PROGRAM: The speaker was Mr. Bill Fontenot who spoke on "Gardening for Wild Birds."

APPROVAL OF MINUTES

The minutes of the October meeting were approved.

COMMITTEE REPORTS

Treasurer: Betty Mason reported that the club has \$731.57 in the Hibernia account that was reported at the last board meeting. Since the board meeting the club paid \$300 to LSU printing and \$100 to the Post Office.

Hospitality: The annual Christmas party will be held at the next meeting. Marty Carroll passed out sign-up sheets to find out who could bring food.

Bird Reports: Will Smolenski reported that Donna Burney has taken over Bobbe Wommack's duties on the bird report committee. Bobbe resigned her membership on the board and the bird report committee. Will reminded members to get their bird reports in by the 15th of the month

Field Trips: Hubert Hervey passed out a sign-up sheet for the barge trip next Saturday. The barge will leave from the yacht club by 7:30 a.m. Hubert reviewed past outings and reminded the club about the Caddo Lake bird count on December 6. Anyone who wants to participate should contact Jim Ingold.

Birding Hot Spots: Larry Raymond has sold many Birding Hot Spots pamphlets. The price is \$1.00, but \$2.00 if sent in the mail.

Membership: Shirley Huss reported that the club has 139 members on record

Phone Tree: Rosemary Seidler passed out the new phone tree list. She asked that members make corrections before it is published in the newsletter.

ANNOUNCEMENTS

Jean Trahan announced that the club needed a volunteer to replace Bobbe Wommack on the club's board. Bobbe resigned from the board because of other commitments. Jim Ingold said that the Endangered Species Coalition was asking for help to pass legislation in the Senate and the House in regards to the Endangered Species Act. See Jim for more information if you wish to write a letter concerning this issue.

MINUTES OF BOARD MEETING

BOARD MEMBERS PRESENT: Donna Burney, Marty Carroll, Mac Hardy, Hubert Hervey, Vicki LeFevers, Larry Raymond, Rosemary Seidler, Jean Trahan, Jeff Trahan, Judy Townes. OTHER CLUB MEMBERS PRESENT: Jim Ingold

COMMITTEE REPORTS

New Business: Jean Trahan has reported that Bobbe Wommack resigned her membership on the board because of conflicts with other commitments. At the next regular meeting of the club, the president will ask for a volunteer to replace Bobbe. Since Bobbe has only one year remaining on the board, the replacement will be for one year.

Hospitality: It was noted that the Christmas auction will take place at the regular meeting time in December. The hospitality committee will pass out a roster at the next club meeting so club members can sign up to bring food for the dinner at the auction. Paul Dickson will do the auction. We will need both a set-up and clean-up crew for this event.

Treasurer: Betty Mason was not present, but called in her report to Mac Hardy. Mac Hardy reported for Betty that since the last meeting we have had income of \$113.95 and expenses of \$85 for the bulk mail permit. The club now has \$731.57 in the Hibernia account. Mac Reported that the club spent less than \$250 for 250 copies of the Hot Spot guide.

Phone Tree: Rosemary Seidler asked if anyone could send an email phone tree message to the phone tree. Jeff Trahan reported that it is possible. The address is phontree@alpha.centenary.edu. If a message is sent to that address, it will be automatically be sent to all members on the email phone tree list. It was agreed that the phone tree should be published in the newsletter

Publicity: Judy Townes asked if the club should make posters with information about the club to be placed at strategic places such as the Tourist Bureau or the Barnwell Center. The board thought it would be a good idea and asked Judy to make up a preliminary version of the poster.

Fund Raising: Will Smolenski was not present but left a report with Mac Hardy. Mac said that Will will not be at the next BSG meeting, but we want to continue the monthly raffle. Board members should remember to bring items for the raffle.

Bird Hot Spots: Larry Raymond reported that the Bird Hot Spot guide has been published. The purchase price for the guide has been set at \$1.00 to cover the cost of publication. Approximately eighteen were sold at the recent LOS meeting in Cameron, LA. Larry asked if the club should give some of them to the Shreveport-Bossier Tourist Bureau.

Bird Reports: Donna Burney has taken over Bobbe Wommack's duties on the bird report committee. Bobbe resigned her membership on the board and the bird report committee.

Field Trips: Hubert Hervey recited the list of upcoming field trips. The March 21, date for the Atchafalaya Basin field trip is now definite.

Larry Raymond reported that the Orleans Audubon Society has formed the Louisiana Bird Conservation Alliance and has asked the board if the BSG should participate. Larry will get more information about the

Hubert Hervey reminded the board that several years back, the board agreed to buy the Peterson Field Guide #49, Warblers, when it was published. He also recommended that the club buy the book on Skuas and Jaegers. It is not clear exactly which book this is, but this point will be clarified and Jim Ingold will order the books for the library.

Larry Raymond asked if the club would give our last speaker, Dr. James Wiley, a gift for speaking to the club. It was suggested that speakers could be given gifts. Several ideas were explored, but no firm recommendation was made as to what the gift should be. Larry will explore ideas.

ADJOURNMENT

The meeting adjourned at 8:05 p.m.

BIRD NOTES -NOVEMBER

Compiled November 23, 1997

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	Athie Bell	11/12/97 Shreveport: 709 Hyde Park	
BSG	Bird Study Group	10/04/97 Stonewall: Hervey Farm, 11/01/97 West Lakeshore Drive, 11/08/97 Shreveport: C.	
		Bickham-Dickson Park	
H&PHH	Hubert and Pat Hervey	10/31/97 Cross Lake	
HH	Hubert Hervey	10/09/97 Lock & Dam #4 area, 10/09/97 Powhatan Borrow Pits and area, 10/09/97 Stonewall:	
		Hervey Farm, 10/10/97 Clark's Island, 11/14/97 Cross Lake, 11/20/97 Cypress Lake	
		Recreational Area	
HH	Helen Hood	10/16/97 Residence (Southern Hills), 10/23/97 Residence (Southern Hills), 10/27/97 Residence	
		(Southern Hills)	
HH,PD&BM	H. Hervey, P. Dickson & Bill Moser	10/14/97 Red River - Shreveport to Elm Grove	
Л	Jim Ingold	11/07/97 Shreveport: E. Kings Hwy. between Bert Kouns and 70th St.	
JI&TD	Jim Ingold and Terry Davis	11/16/97 Shreveport: Wells Island Rd. @ Red River	
LRR	Larry R. Raymond	10/16/97 Walter B. Jacobs Memorial Nature Park, 10/18/97 Shreveport: Stoner Avenue Woods	
PD	Paul Dickson	11/11/97 Red River Sandbar, 11/15/97 Red River Sandbar	
RS&ET	Rosemary Seidler & Ellen Tippett	llen Tippett 10/04/97 Boothill Speedway, 10/04/97 Richard Fleming Park & N.Lakeshore, 10/04/97 West	
		End of N. Lakeshore Dr.	
SH	Shirley Huss	11/08/97 LSUS soccer fields, 11/10/97 70th St. & Youree Dr., Shreveport	
T&SD	Terry & Stella Davis	11/01/97 Vanceville Rd, Kingston Rd, & Cross Creek Subdivision	
TD	Terry Davis	10/29/97 Field at dead-end of street/Mallard Bay on Cross Lake, 11/04/97 Field at dead-end of	
	•	Wells Island Rd. near Downtown Airport, 11/04/97 Ford Park on side by bayou	
WHS	W. H. Smolenski	11/17/97 Shreveport: C. Bickham-Dickson Park, 11/19/97 Shreveport: 526 Dunmoreland	
		Dr.(Springlake area)	
WJ	Wellborn Jack	11/16/97 Shreveport: Cross Lake, 11/16/97 Shreveport: Cross Lake	

Common Name	Data
Common Loon	11/20/97 HH 2,
Pied-billed Grebe	10/04/97 R\$&ET 1, 10/09/97 HH 8, 10/10/97 HH 1, 10/14/97 HH,PD&BM 1, 11/01/97 B\$G 3, 11/01/97 T&\$D 5, 11/14/97 HH 9, 11/17/97 WH\$ 2, 11/20/97 HH 6
Horned Grebe	11/20/97 HH 4
American White Pelican	10/10/97 HH 52, 10/14/97 HH,PD&BM 48, 11/16/97 WJ 8
Double-crested Cormorant	10/09/97 HH 4, 10/10/97 HH 42, 10/14/97 HH,PD&BM 30, 10/18/97 LRR 1, 11/01/97 BSG 19, 11/08/97 BSG 7, 11/14/97 HH 50, 11/17/97 WHS 7, 11/20/97 HH 9
Anhinga	10/09/97 HH 1
Great Blue Heron	10/04/97 RS&ET 1, 10/04/97 RS&ET 1, 10/09/97 HH 15, 10/10/97 HH 13, 10/14/97 HH,PD&BM 10, 10/18/97 LRR 1, 10/31/97 H&PHH 1, 11/01/97 T&SD 1,
	11/01/97 BSG 1, 11/08/97 BSG 4, 11/14/97 HH 10, 11/16/97 JJ&TD 2, 11/17/97 WHS 2, 11/20/97 HH 2
Great Egret	10/04/97 BSG 2, 10/04/97 RS&ET 1, 10/04/97 RS&ET 1, 10/09/97 HH 2, 10/09/97 HH 12, 10/09/97 HH 1, 10/10/97 HH 26, 10/14/97 HH,PD&BM 18, 10/31/97
	H&PHH 2, 11/01/97 BSG 1, 11/01/97 T&SD 3, 11/08/97 BSG 1, 11/14/97 HH 14, 11/16/97 JJ&TD 1, 11/17/97 WHS 3
Snowy Egret	10/04/97 BSG 1, 10/09/97 HH 2, 10/09/97 HH 15, 10/10/97 HH 4, 10/14/97 HH,PD&BM 3
Little Blue Heron	10/04/97 BSG 2, 10/09/97 HH 8, 10/09/97 HH 4, 10/10/97 HH 2, 10/14/97 HH,PD&BM 2, 11/17/97 WHS 1
Tricolored Heron	10/09/97 HH 2, 10/14/97 HH,PD&BM 5
Cattle Egret	10/04/97 BSG 20, 10/04/97 RS&ET 1, 10/09/97 HH 180, 10/09/97 HH 8, 10/09/97 HH 22, 10/14/97 HH,PD&BM 200, 11/01/97 T&SD 2
Black-crowned Night-Heron	10/09/97 HH 1, 10/14/97 HH,PD&BM 1
White Ibis	10/09/97 HH 3, 10/14/97 HH,PD&BM 80, 10/31/97 H&PHH 2, 11/08/97 BSG 6, 11/20/97 HH 2
Black Vulture	10/04/97 BSG 10, 10/04/97 RS&ET 1, 10/09/97 HH 4, 10/09/97 HH 5, 10/14/97 HH,PD&BM 4, 11/01/97 BSG 4, 11/14/97 HH 10, 11/20/97 HH 18
Turkey Vulture	10/04/97 RS&ET 1, 10/04/97 BSG 8, 10/09/97 HH 1, 10/09/97 HH 3, 10/10/97 HH 2, 10/14/97 HH,PD&BM 2, 10/16/97 LRR 2, 11/01/97 T&SD 21, 11/01/97 BSG
	3, 11/08/97 BSG 1, 11/14/97 HH 8, 11/16/97 Л&TD 1, 11/17/97 WHS 2, 11/20/97 HH 16
Greater White-fronted Goose	10/09/97 HH 2, 10/31/97 H&PHH 210

RECORDS		
Common Name	Data	
Snow Goose	11/14/97 HH 500	
Ross' Goose Wood Duck	11/15/97 PD 2 10/09/97 HH 24, 10/14/97 HH,PD&BM 20, 11/14/97 HH 12	
Green-winged Teal	10/09/97 HH 1, 10/10/97 HH 5, 10/14/97 HH,PD&BM 55, 11/01/97 T&SD 30, 11/20/97 HH 12	
Mallard	10/09/97 HH 9, 10/14/97 HH,PD&BM 4, 11/14/97 HH 4, 11/20/97 HH 8	
Northern Pintail Blue-winged Teal	10/10/97 HH 2, 10/14/97 HH, PD&BM 24, 11/20/97 HH 1 10/09/97 HH 1, 10/10/97 HH 12, 10/14/97 HH, PD&BM 80, 11/01/97 T&SD 5	
Northern Shoveler	10/09/97 JH 1, 10/10/97 HH, PD&BM 60, 11/01/97 BSG 2, 11/14/97 HH 1, 11/16/97 JI&TD 2	
Gadwall	10/14/97 HH,PD&BM 2, 10/31/97 H&PHH 25, 11/01/97 T&SD 200, 11/14/97 HH 5	
American Wigeon	10/10/97 HH, 10/14/97 HH,PD&BM 20, 11/01/97 T&SD 100	
Canvasback Redhead	11/14/97 HH 8 11/14/97 HH 14, 11/15/97 PD 3	
Ring-necked Duck	10/14/97 HH, PD&BM 2, 11/01/97 T&SD 30, 11/14/97 HH 28, 11/20/97 HH 30	
Greater Scaup	11/15/97 PD 4	
Lesser Scaup	11/11/97 PD 2500, 11/14/97 HH 15, 11/20/97 HH 8	
Bufflehead Ruddy Duck	11/20/97 HH 4 11/01/97 BSG 1, 11/14/97 HH 40, 11/20/97 HH 90	
Osprey	11/11/97 PD 1, 11/14/97 HH 2	
Bald Eagle	11/20/97 HH 2	
Northern Harrier Sharp-shinned Hawk	10/09/97 HH 1, 10/10/97 HH 2, 11/01/97 T&SD 1 10/04/97 BSG 2, 10/09/97 HH 1, 11/01/97 BSG 1, 11/14/97 HH 1	
Cooper's Hawk	10/04/97 BSG 3, 10/09/97 HH 1, 11/14/97 HH 1	
Red-shouldered Hawk	10/04/97 BSG 2, 10/09/97 HH 2, 10/16/97 LRR 1, 11/01/97 BSG 1	
Broad-winged Hawk	10/04/97 BSG 1	
Red-tailed Hawk	10/04/97 RS&ET 1, 10/04/97 BSG 6, 10/09/97 HH 1, 10/10/97 HH 2, 11/01/97 BSG 1, 11/01/97 T&SD 3, 11/07/97 JI 1, 11/08/97 SH 2, 11/08/97 BSG 1, 11/10/97 SL 11/14/05 TH 2, 11/05/07 BSG 1, 11/10/97 SL 11/14/05 TH 2, 11/16/07 HE TO 11/17/07 WHS 1	
American Kestrel	SH 1, 11/14/97 HH 4, 11/16/97 J&TD 1, 11/17/97 WHS 1 10/04/97 BSG 1, 10/09/97 HH 2, 10/09/97 HH 1, 10/09/97 HH 1, 11/01/97 T&SD 5, 11/07/97 JI 3, 11/08/97 BSG 2, 11/16/97 JI&TD 1, 11/17/97 WHS 2	
Merlin	10/09/97 HH 1	
Sora	10/10/97 HH 1	
Common Moorhen	10/09/97 HH 4	
American Coot Killdeer	10/09/97 HH 3, 10/10/97 HH 3, 10/14/97 HH,PD&BM 12, 11/01/97 BSG 1000, 11/14/97 HH 400 10/04/97 BSG 2, 10/09/97 HH 5, 10/09/97 HH 2, 10/10/97 HH 3, 10/14/97 HH,PD&BM 9, 11/01/97 T&SD 8, 11/01/97 BSG 23, 11/08/97 BSG 4, 11/16/97 JI&TD 1,	
KIIMOU	10/04/97 BMS 4, 10/05/97 HH 3, 10/05/97 HH 2, 10/10/97 HH 3, 10/16/97 HH, 2, 10/16/97 HM 3, 11/01/97 HM 3, 11/0	
American Avocet	11/15/97 PD 5	
Greater Yellowlegs	10/10/97 HH 2, 10/14/97 HH,PD&BM 40	
Lesser Yellowlegs Solitary Sandpiper	10/14/97 HH,PD&BM 50 10/14/97 HH,PD&BM 1	
Spotted Sandpiper	10/1497 JBTD 1	
Semipalmated Sandpiper	10/09/97 HH 1, 10/14/97 HH,PD&BM 1	
Least Sandpiper	10/09/97 HH 53, 10/10/97 HH 19, 10/14/97 HH,PD&BM 40	
Short-billed Dowitcher Long-billed Dowitcher	10/09/97 HH 22 10/14/97 HH, PD&BM 20, 11/15/97 PD 30	
Common Snipe	10/0997 HH 4, 10/10/97 HH 14, 10/14/97 HH, PD&BM 1, 11/01/97 T&SD 1	
Wilson's Phalarope	10/09/97 HH 1	
Bonaparte's Gull	11/14/97 HH 16, 11/16/97 WJ 31, 11/17/97 WHS 1, 11/20/97 HH 5	
Ring-billed Gull	10/10/97 HH 2, 11/14/97 HH 215, 11/17/97 WHS 3, 11/20/97 HH 12	
Rock Dove Mourning Dove	10/09/97 HH 20, 11/01/97 T&SD 2, 11/14/97 HH 6, 11/17/97 WHS 2, 11/19/97 WHS 6 10/04/97 RS&ET 1, 10/04/97 RS&ET 1, 10/10/97 HH 4, 10/14/97 HH,PD&BM 2, 10/16/97 LRR 2, 10/18/97 LRR 2, 10/23/97 HH 2, 11/01/97 T&SD 2, 11/01/97	
Woulding Dove	BSG 2, 11/08/97 BSG 2, 11/12/97 AB 1, 11/14/97 HH 40, 11/16/97 JI&TD 6, 11/17/97 WHS 5, 11/19/97 WHS 5, 11/20/97 HH 2	
Inca Dove	10/04/97 BSG 1	
Yellow-billed Cuckoo	10/04/97 RS&ET 1	
Great Horned Owl Chimney Swift	11/01/97 T&SD 1 10/04/97 BSG 12, 10/04/97 RS&ET 1, 10/04/97 RS&ET 1	
Ruby-throated Hummingbird	10/04/97 BSG 6, 10/04/97 RS&ET 1, 10/09/97 HH 2	
Belted Kingfisher	10/04/97 BSG 1, 10/04/97 RS&ET 1, 10/09/97 HH 1, 10/09/97 HH 1, 11/01/97 BSG 2, 11/08/97 BSG 2, 11/14/97 HH 1, 11/16/97 J&TD 1, 11/17/97 WHS 1,	
	11/20/97 HH 1	
Red-headed Woodpecker	10/04/97 BSG 3, 10/09/97 HH 2, 11/17/97 WHS 1 10/04/97 RS&ET 1, 10/04/97 RS&ET 1, 10/09/97 HH 1, 10/16/97 LRR 3, 10/18/97 LRR 2, 11/01/97 BSG 3, 11/01/97 T&SD 2, 11/08/97 BSG 6, 11/12/97 AB 2,	
Red-bellied Woodpecker	11/1497 HH 1, 11/1697 JACTD 1, 11/1997 WHS 1, 11/2097 HH 1	
Yellow-bellied Sapsucker	10/04/97 RS&ET 1, 10/16/97 LRR 3, 10/18/97 LRR 1, 11/01/97 BSG 2, 11/01/97 T&SD 1, 11/08/97 BSG 2, 11/20/97 HH 2	
Downy Woodpecker	10/04/97 BSG 2, 10/04/97 RS&ET 1, 10/16/97 LRR 1, 10/18/97 LRR 1, 11/01/97 BSG 2, 11/08/97 BSG 1, 11/19/97 WHS 1	
Hairy Woodpecker	11/01/97 BSG 1 10/04/97 BSG 1, 10/04/97 RS&ET 1, 10/16/97 HH 1, 10/16/97 LRR 1, 10/18/97 LRR 1, 11/01/97 T&SD 2, 11/01/97 BSG 3, 11/08/97 BSG 2, 11/16/97 J&TD 1,	
Northern Flicker	11/1797 WHS 1, 11/2097 HH 1	
Pileated Woodpecker	10/04/97 RS&ET 1, 10/04/97 RS&ET 1, 11/01/97 BSG 2, 11/01/97 T&SD 1, 11/08/97 BSG 2	
Olive-sided Flycatcher	10/09/97 HH 1	
Eastern Phoebe Scissor-tailed Flycatcher	10/04/97 RS&ET 1, 10/09/97 HH 1, 10/18/97 LRR 1, 11/01/97 BSG 4, 11/01/97 T&SD 3, 11/04/97 TD 1, 11/10/97 SH 1, 11/20/97 HH 2 10/04/97 BSG 1, 10/09/97 HH 4, 11/01/97 BSG 1, 11/01/97 T&SD 9	
Loggerhead Shrike	10/04/97 BSG 1, 10/05/97 HH 2, 10/05/97 HH 1, 10/10/97 HH 1, 11/01/97 T&SD 4, 11/01/97 BSG 1, 11/14/97 HH 2, 11/16/97 JI&TD 2, 11/17/97 WHS 2	
White-eyed Vireo	10/04/97 RS&ET 1, 10/04/97 RS&ET 1, 10/04/97 RS&ET 1, 10/04/97 BSG 1	
Philadelphia Vireo	10/04/97 RS&ET 1	
Blue Jay	10/04/97 RS&ET 1, 10/04/97 RS&ET 1, 10/04/97 RS&ET 1, 10/09/97 HH 8, 10/09/97 HH 4, 10/16/97 LRR 4, 10/18/97 LRR 4, 10/23/97 HH 1, 11/01/97 T&SD 2, 11/01/97 BSG 2, 11/08/97 BSG 9, 11/14/97 HH 2, 11/16/97 J&TD 2, 11/17/97 WHS 3, 11/19/97 WHS 2, 11/20/97 HH 2	
American Crow	10/04/97 RS&ET 1, 10/04/97 RS&ET 1, 10/04/97 BSG 40, 10/09/97 HH 20, 10/09/97 HH 25, 10/09/97 HH 2, 10/16/97 LRR 3, 11/01/97 BSG 4, 11/01/97 T&SD 30,	
Tanaram Crow	11/08/97 BSG 8, 11/14/97 HH 5, 11/16/97 J&TD 6, 11/17/97 WHS 5, 11/19/97 WHS 1, 11/20/97 HH 4	
Fish Crow	10/04/97 BSG 15, 10/04/97 RS&ET 1, 10/09/97 HH 46, 10/09/97 HH 180, 11/14/97 HH 16	
Horned Lark	11/01/97 T&SD 1 10/14/97 HH,PD&BM 400, 11/14/97 HH 14	
Tree Swallow Northern Rough-winged Swallow	10/14/97 RIG, P. 1009/97 HI 1. 10/09/97 HH 25. 10/10/97 HH 50. 10/14/97 HH.PD&BM 2	
Barn Swallow	10/04/97 BSG 2 10/09/97 EH 2 10/10/97 HH 2 10/14/97 HH PD&BM 40	
Carolina Chickadee	10/04/97 RS&ET 1, 10/04/97 BSG 4, 10/04/97 RS&ET 1, 10/04/97 RS&ET 1, 10/09/97 HH 2, 10/16/97 HH 2, 10/16/97 LRR 5, 10/18/97 LRR 3, 11/01/97 BSG 2,	
Tufted Titmouse	11/01/97 T&SD 2, 11/08/97 BSG 6, 11/14/97 HH 3, 11/19/97 WHS 2 10/04/97 BSG 4, 10/04/97 RS&ET 1, 10/04/97 RS&ET 1, 10/09/97 HH 2, 10/09/97 HH 2, 10/16/97 HH 2, 10/16/97 LRR 5, 11/01/97 T&SD 2, 11/01/97 BSG 2,	
Tuffed Titmouse	10/04/9/ BSG 4, 10/04/9/ RS&E1 1, 10/04/9/ RS&E1 1, 10/04/9/ HS 2, 10/04/9/ HS 2, 10/10/9/ LS 3, 11/04/9/ HS 2, 11/04/9/ HS 4, 11/04/9/ HS 1,	
Red-breasted Nuthatch	11/01/97 BSG 3, 11/14/97 HH 4	
White-breasted Nuthatch	10/04/97 RS&ET 1, 10/16/97 LRR 1, 11/01/97 BSG 2, 11/04/97 TD 2, 11/12/97 AB 1, 11/14/97 HH 2, 11/19/97 WHS 1	
Brown-headed Nuthatch	11/01/97 BSG 1	
Carolina Wren	10/04/97 RS&ET 1, 10/04/97 RS&ET 1, 10/04/97 RS&ET 1, 10/04/97 BSG 2, 10/09/97 HH 1, 10/10/97 HH 1, 10/16/97 HH 2, 10/16/97 LRR 2, 11/14/97 HH 2, 11/19/97 WHS 1, 11/20/97 HH 3	
Bewick's Wren	10/04/97 BSG 1	
House Wren	10/04/97 BSG 1, 10/04/97 RS&ET 1, 10/09/97 HH 2, 10/29/97 TD 1, 11/01/97 BSG 1, 11/01/97 T&SD 1, 11/04/97 TD 2, 11/08/97 BSG 1, 11/12/97 AB 2, 11/16/97	
	JACTO I	
Winter Wren	10/04/97 BSG 1, 11/01/97 BSG 2, 11/14/97 HH 1 10/10/97 HH 3, 10/29/97 TD 4, 11/01/97 T&SD 1, 11/16/97 Л&TD 1	
Sedge Wren Marsh Wren	10/109/ HH 3, 10/2997 LRR 1	

Common Name	Data
Golden-crowned Kinglet	10/16/97 LRR 1, 11/01/97 BSG 3, 11/04/97 TD 1
Ruby-crowned Kinglet	10/04/97 BSG 2, 10/16/97 LRR 3, 10/18/97 LRR 2, 11/01/97 BSG 2, 11/01/97 T&SD 5, 11/04/97 TD 2, 11/08/97 BSG 10, 11/14/97 HH 3, 11/16/97 JI&TD 1, 11/20/97 HH 4
Blue-gray Gnatcatcher	10/04/97 BSG 1, 10/04/97 RS&ET 1, 10/04/97 RS&ET 1, 10/18/97 LRR 1, 11/08/97 BSG 1
Eastern Bluebird	10/04/97 RS&ET 1, 10/04/97 BSG 2, 10/09/97 HH 5, 11/01/97 T&SD 1, 11/01/97 BSG 16, 11/08/97 BSG 1, 11/14/97 HH 4
Hermit Thrush	11/14/97 HH 3, 11/20/97 HH 3
American Robin	10/18/97 LRR 47, 11/01/97 T&SD 2, 11/01/97 BSG 120, 11/08/97 BSG 8, 11/17/97 WHS 2, 11/19/97 WHS 1
Northern Mockingbird	10/04/97 RS&ET 1, 10/04/97 BSG 12, 10/04/97 RS&ET 1, 10/09/97 HH 2, 10/09/97 HH 3, 10/09/97 HH 2, 10/10/97 HH 2, 10/10/97 HH 2, 10/23/97 HH 2, 11/01/97 T&SD 2, 11/01/97 BSG 2, 11/08/97 BSG 4, 11/17/97 WHS 3, 11/19/97 WHS 2, 11/20/97 HH 1
Brown Thrasher	10/04/97 RS&ET 1, 10/04/97 BSG 2, 10/04/97 RS&ET 1, 10/04/97 RS&ET 1, 10/16/97 LRR 1, 11/01/97 T&SD 1, 11/08/97 BSG 3
European Starling	10/04/97 RS&ET 1, 10/09/97 HH 150, 11/01/97 BSG 4, 11/01/97 T&SD 2, 11/08/97 BSG 3, 11/17/97 WHS 2
American Pipit	11/01/97 T&SD 9, 11/04/97 TD 1, 11/08/97 BSG 5, 11/16/97 Л&TD 5
Tennessee Warbler	10/04/97 RS&ET 1
Orange-crowned Warbler	10/04/97 RS&ET 1, 11/04/97 TD 1, 11/08/97 BSG 1, 10/04/97 RS&ET 1
Nashville Warbler	11/16/97 WJ 1
Northern Parula	10/04/97 RS&ET 1, 10/04/97 RS&ET I
Magnolia Warbler	10/04/97 RS&ET 1
Yellow-rumped Warbler	10/18/97 LRR 1, 11/01/97 T&SD 2, 11/01/97 BSG 2, 11/04/97 TD 1, 11/08/97 BSG 34, 11/14/97 HH 4, 11/16/97 JI&TD 1, 11/20/97 HH 1
Black-throated Green Warbler	10/04/97 RS&ET 1, 10/16/97 LRR 2, 10/18/97 LRR 1
Yellow-throated Warbler	10/04/97 RS&ET 1
Pine Warbler	10/04/97 RS&ET 1, 11/01/97 BSG 5, 11/04/97 TD 3, 11/14/97 HH 25
Black-and-white Warbler	10/04/97 RS&ET 1, 10/04/97 RS&ET 1
American Redstart	10/04/97 BSG 1
Common Yellowthroat	10/14/97 HH,PD&BM 1, 10/18/97 LRR 1
Hooded Warbler	10/04/97 BSG 1
Summer Tanager	10/04/97 RS&ET 1, 10/04/97 BSG 1
Eastern Towhee	10/16/97 LRR 1, 11/16/97 J&TD 1
Chipping Sparrow	10/27/97 HH 1, 11/12/97 AB 1
Field Sparrow	11/16/97 Л&ТО 1
Savannah Sparrow	11/01/97 BSG 4, 11/01/97 T&SD 2, 11/04/97 TD 2, 11/08/97 BSG 3
LeConte's Sparrow	11/01/97 BSG 1, 11/16/97 J&TD 1
Nelson's Sharp-tailed Sparrow	10/14/97 HH,PD&BM 3, 11/15/97 PD 3
Fox Sparrow	11/16/97 Л&ТО 1
Song Sparrow	10/29/97 TD 10, 11/01/97 T&SD 9, 11/01/97 BSG 1, 11/04/97 TD 2, 11/08/97 BSG 1, 11/16/97 Л&TD 15
Lincoln's Sparrow	11/04/97 TD 1, 11/16/97 JI&TD 1
Swamp Sparrow	10/14/97 HH, PD&BM 1, 10/29/97 TD 3, 11/01/97 T&SD 2, 11/01/97 BSG 2, 11/04/97 TD 2, 11/08/97 BSG 1, 11/16/97 J&TD 6
White-throated Sparrow	10/18/97 LRR 2, 10/27/97 HH 2, 10/29/97 TD 3, 11/01/97 T&SD 2, 11/04/97 TD 2, 11/08/97 BSG 2, 11/12/97 AB 1, 11/16/97 JÆTD 5, 11/20/97 HH 9
White-crowned Sparrow	11/16/97 JI&TD 3
Dark-eyed Junco	11/04/97 TD 1, 11/12/97 AB 1, 11/16/97 JECTD 5, 11/20/97 HH 5
Northern Cardinal	10/04/97 RS&ET 1, 10/04/97 BSG 6, 10/04/97 RS&ET 1, 10/04/97 RS&ET 1, 10/09/97 HH 4, 10/09/97 HH 3, 10/09/97 HH 4, 10/10/97 HH 2, 10/16/97 LRR 1, 10/18/97 LRR 5, 10/27/97 HH 4, 11/01/97 BSG 2, 11/01/97 T&SD 2, 11/12/97 AB 2, 11/14/97 HH 6, 11/16/97 J&TD 5, 11/17/97 WHS 2, 11/19/97 WHS 2
Indigo Bunting	10/04/97 RS&ET 1, 10/04/97 RS&ET 1
Red-winged Blackbird	10/04/97 RS&E T 1, 10/09/97 HH 200, 10/10/97 HH 200, 10/14/97 HH,PD&BM 200, 11/01/97 T&SD 2, 11/08/97 BSG 4, 11/16/97 J&TD 300, 11/17/97 WHS 15, 11/20/97 HH 1
Eastern Meadowlark	10/04/97 BSG 2, 10/14/97 HH,PD&BM 6, 11/01/97 T&SD 2, 11/08/97 BSG 6, 11/16/97 JJ&TD 4
Common Grackle	10/04/97 RS&ET 1, 10/18/97 LRR 54, 11/01/97 BSG 101, 11/08/97 BSG 129, 11/15/97 JI&TD 1, 11/17/97 WHS 4
Brown-headed Cowbird	10/04/97 BSG 6, 10/09/97 HH 9, 11/01/97 T&SD 2, 11/08/97 BSG 3, 11/16/97 Л&TD 2
Baltimore Oriole	10/04/97 RS&ET 1
House Finch	11/12/97 AB 5, 11/16/97 JI&TD 1, 11/19/97 WHS 2
American Goldfinch	11/01/97 BSG 1, 11/08/97 BSG 2, 11/16/97 JI&TD 4
House Sparrow	10/16/97 HH 4, 11/08/97 BSG 3, 11/12/97 AB 6, 11/16/97 JI&TD 2, 11/17/97 WHS 2, 11/19/97 WHS 7

Printed 667 records of 147 species.



BIRD STUDY GROUP NEWSLETTER

Volume 12, Number 5 December 24, 1997

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

January 13, 1998

6:30 p.m.

MIGRATIONAL STAGING OF PURPLE MARTINS ON BRIDGE STRUCTURES ALONG THE U.S. GULF COAST

KEITH KIMMERLE

Mississippi State University

FIELD TRIPS

Bossier, Caddo, Bienville CBC - January 4

Cross Lake - January 10

Owl Prowl - January 17

LOS Winter Meeting - January 30-31

Sandhill Cranes at Cheneyville - February 7

Bird Banding at Dickson Deer Farm - February 14

BOARD OF DIRECTORS

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Vice-president	Larry Raymond (1)	929-2806 W, 929-3117 H
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Open Seat (1)

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

COMMITTEE CHAIRPERSONS

COMMITTE	de Cimina diagona	,
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
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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

January 4, 1998 - Bossier, Caddo, Bienville Christmas Bird Count. Now you know what BCBCBC stands for. This is a popular and productive CBC that has accurately provided data showing the changes in bird species and numbers due to the completion of the Red River Waterway Project. We invite your participation. Coordinator: Paul Dickson.

January 10 - Cross Lake, Mallard Bay and north shore. Ducks, cormorants, grebes, and very good sparrow habitat. Meet at the What-A-Burger on N. Market St. at 7:30 a.m. Leader: Mac Hardy.

January 17 - Owl Prowl. The Yearwood Road area has consistently produced our best record of owls. This popular trip is back by popular demand. I promise not to keep you up past your bedtime. Depart from LSU-S parking lot at 3:00 p.m. We will bird Yearwood Road until dark and start trying for owls after that. Short-eared Owls are usual for this trip along with our 4 resident species. Meet us in progress down Yearwood Road if you can't make the 3:00 p.m. time. Leader: Hubert Hervey.

January 30-31- LOS Annual Winter meeting. Baton Rouge.

February 7 - Sandhill Crane trip. The Wemple Farm near Cheneyville hosts a flock of cranes each year, numbering several hundred. The cranes have now spread out onto the surrounding area. Geese, ducks, White Ibis

and shorebirds are usually found. Many other birds are seen on this trip and rarities are not really rare. Carpool from the LSU-S parking lot. The trip leaves at 6:30 a.m. Leader: Hubert Hervey

February 14 - Paul Dickson Deer Farm on Leonard Road. This is primarily a bird banding day. Jim Ingold will band many species of birds, matbe even a Harris' Sparrow. Ross' Goose and Bald Eagle were present last year, and no telling what special birds will show up this year. Meet at the farm at 7:00 a.m. Leaders: Jim Ingold and Paul Dickson.

February 21 - Red River Agricultural Experiment Station. This trip is scheduled earlier in the year this time, in hopes of finding longspur species. Last year produced courting Horned Larks and an American Bittern. Leave from LSU-S parking lot at 7:00a.m. Leader: Bill Wood

Paul Dickson: 798-1000 Hubert Hervey: 925-9249 Mac Hardy: 797-5338

Bill Wood: 864-9985 h, 868-6580 w

CORRECTION

In the last newsletter the phone tree email address was written incorrectly. The correct address is:

phontree@alpha.centenary.edu.

ABOUT THE PROGRAM

Keith Kimmerle is originally from Indiana and has a BS in Aerospace Technology from Indiana State University. He is a former Air Force Pilot (12 yr.), of which 18 months were spent at Barksdale Air Fore Base (B-52s). Three years as a squadron level Safety Officer birdstrikes led him to a career in investigating ornithology. He recently completed master's course work at Central Missouri State, and is currently enrolled as a doctoral student in the Department of Biological Sciences at Mississippi State University. Previous research experience has included Red-cockaded Woodpecker and coastal Least Tern. His primary research focus since 1992 has been with Purple Martins, studying natal dispersal and migration, having banded 2,000+ martins since 1993. His research on Purple Martins has taken him from Brownsville Texas to Key West Florida, and Arizona. He will be the keynote speaker at the Alabama Ornithological Society meeting in late January. He is also Secretary for the Inland Bird Banding Association. He will discuss any questions on Purple Martins and their management, after the program.

CROSS LAKE TRIP RESULTS 13 DECEMBER 1997

By Hubert Hervey

We finally managed to pick a day for the Cross Lake barge trip, that had weather good enough to let us enjoy finding some of the birds we had hoped to locate. Last year's trip was canceled because of high winds, and this year's first trip was canceled because of sleet and winds. Although it was cold on the 13th, I suspected we would find some really good birds. I did not expect to get a life bird. It has now been three years since I saw my last new bird, unless I decide to count a jaeger on Lake Millwood and a different jaeger on Lake O' the Pines back in October, but I really couldn't make out whether those were Long-tailed or Parasitic. To keep the suspense from building too much, I will go ahead and tell you right now that everyone on both the morning and the afternoon trips had excellent looks at an Oldsquaw. On the morning trip, we saw it in flight first, knew we had something very different, and then located it feeding near a concrete wall on the north shore. The Oldsquaw was very cooperative, letting us drift very near as it fed in the shallow water. This was my life bird.

Another surprise was seeing two Common Mergansers take off from in front of us and fly around the barge, disappearing low over the west end of Cross Lake. They quickly got up over the tree line, where their clean white belly, chest, and neck were clearly visible. After going around the barge they slowly flew lower and lower, until they were just above the water, and went out of sight. As always with ducks that I am trying hard to be certain of the correct identification, I spent nearly all of my attention on the drake, and while I am certain it was a pair of Common Merganser's, I really can't give a description for the hen. The amount of white in the wings was correct for both birds to be either Red-breasted or Common Merganser's, but the drake was all white, when seen from underneath, thus eliminating the Red-breasted of which I have seen hundreds. Also, they were larger than Redbreasted Mergansers.

Cross Lake was its usual scene of frantic feeding for thousands of cormorants and gulls. The **Double-crested Cormorants** feed on the fish of the lake and cripple many in the process. The **Ring-billed Gulls** and **Bonaparte's Gulls** wait around picking up what they can. This year we saw more **Horned Grebes** (18) than I can remember. We finally managed to pick out one **Eared Grebe**. It was a treat to see the grebes take flight and show the white in their secondaries.

Yes, we did get to see a **Bald Eagle**. It was perched on the only undeveloped area of the lake, Buzzard Island. The afternoon barge trip saw the **Bald Eagle** in flight. I am afraid the days of seeing several **Bald Eagles** on Cross Lake are over, since much of the land around the lake is developed. What a price we pay for progress! Let's save what we can, while we can.

NEXT OUTING

Our next outing is on January 10th, at Cross Lake, Mallard Bay and north side. Also this trip, we might consider going to the Catfish Ponds on Highway 71 because they are loaded. Last week, I saw 120 Hooded Mergansers and 30 Redheads there. Meet at the What-A-Burger on North Market Street at 7:30 a.m. Leader Mac Hardy.

OWL PROWL

January 17th, Yearwood Road. If Short-eared Owls are located somewhere else, I might change the location for this trip, so come to the January club meeting for any updates or call me at 925-9249 for the final decision. Depart from the LSUS parking lot near the museum at 3:00 p.m. Leader Hubert Hervey.

SANDHILL CRANE TRIP

Hebruary 7th. This trip has produced cranes every year. Many other unusual birds have also been seen in the Cheneyville to Echo area, including Vermilion Flycatcher and Say's Phoebe. We never know what specialty to expect. It is well worth your effort to make this trip. The earlier we leave, the more birds we will see. Leave from the LSUS parking lot at 6:30 a.m.. Leader: Hubert Hervey.

ATCHAFALAYA BASIN TRIP

March 21st. It is not too early for you to be making mental plans to go with us on Atchafalaya Basin Canoe trip on the weekend of March 21st. If you do not canoe, you would still enjoy walking around and learning about this priceless area of Louisiana swamps. The participants will have three choices of facilities; primitive camping, KOA style camping, or motel. These details will have to be worked out with the Ozark Society of Shreveport and Charles Fryling of Baton Rouge. If you can't make a planning session you need to contact Hubert Hervey at 925-9249.

NEXT BOARD MEETING

The next meeting of the Board of Directors will be held on 6 January 1998 at 7:00 p.m. in the Museum of Life Sciences

AUCTION IS A SUCCESS!

The annual December meeting auction was a success with \$521.38 raised for the Bird Study Group.

1998 MIDWINTER BALD EAGLE SURVEY

The national **Bald Eagle** midwinter survey is scheduled for the period of January 2-16. If anyone is interested in participating please inform Jim Ingold (BSG Coordinator) A.S.A.P.

ROADS OF LOUISIANA

A new road atlas for Louisiana is now available. This atlas, which is similar to The Roads of Texas, covers the whole state and has road names for even the smallest parish road. This book is available at Construction Safety Products in Shreveport (318-688-6483) and costs \$16.95.

NEW AREA BIRDS

by Mac Hardy

Since the inception of the Bird Study Group in 1985-1986 we have seen a significant growth in the list of birds known in northwestern Louisiana. The most recent field check list includes 325 species that have been verified to have occurred in our area at some time. Eighteen species from that total have been discovered since the Bird Study Group began and most were a direct result of field trips of the BSG or of individual efforts of BSG members. The following list of species includes the earliest date and original observer, based on the best information available to me.

Red-throated Loon – 1 Feb. 1992; during LOS meeting in Shreveport.

Neotropic Cormorant – 16 Mar. 1996; Dorothy Metzler and Cameron Cox.

Fulvous Whistling-Duck - 5 May 1996; Jean and Leff Trahan

Ross' Goose – 1 Mar. 1989; near Shreveport (Imhof; American Birds 1989:492).

Surf Scoter - 28 Nov. 1992; BSG outing on Cross Lake.

Black-necked Stilt - 18 Mar. 1986; Paul Dickson in Bienville Parish.

Ringed Turtle-Dove – 27 May 1990, 17 June 1990; Gordon Blackman.

Monk Parakeet – 1989; specimen coming to feeder in Bossier City (Mac Hardy).

Broad-tailed Hummingbird – 26 Dec. 1996; Charlie Lyon in Shreveport

Alder Flycatcher – 23 Aug. 1997; Terry and Stella

Say's Phoebe – 21 Jan. - 9 Feb. 1986; Paul Dickson in Red River Parish.

Ash-throated Flycatcher – 13 Jan. 1985; Muth (Amer. Birds 1985:177)

Northern Wheatear – 4 Oct. 1996; Hubert and Pat Hervey at Hubert's farm.

Cape May Warbler - 16 Sep., 1995; Jim Ingold.

Spotted Towhee -4 Apr. 1996 (earliest record not known); Jim Ingold.

Clay-colored Sparrow – 14 Oct. 1995; Charlie Lyon and Susan Holbrook.

House Finch – 1 Jan. 1990; Helen Hood in Shreveport (many observers also on 31 Jan. 1990).

Lesser Goldfinch – 21 Dec. 1995; Bill Hall at home in Shreveport.

Several other species that have been rediscovered recently are often thought of as new discoveries; however, they are actually known from our area from records many years before. These species include: Brown Pelican, Whitewinged Scoter, Red Knot, Band-tailed Pigeon, Whitewinged Dove, Black-throated Blue Warbler, Goldencrowned Sparrow, Black-headed Grosbeak, and Bullock's Oriole.

What will be the next species found in our area? We can probably make a pretty accurate list of predictions. If you have some definite ideas based on factual information (current irregularities in migrations, irruptions, etc., no hunches please) let me know about them. Our group, armed with good information and a hit list, can probably make some more good discoveries.

RECORDER STILL NEEDED

The Bird Study Group still needs someone to be a recorder for bird records for the Bird Report. If you are interested and have time to donate to this important function of our group, please let Mac Hardy know.

Use your **Kroger Card** – It helps the BSG

BIRD NOTES -DECEMBER

Compiled December 21, 1997

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

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

		OBSERVERS	
Abbreviation	Name	Date and Place	
AB	Athie Bell	12/15/97 Shreveport: Residence - 709 Hyde Park	
BSG	Bird Study Group	11/22/97 Cypress Lake Recreational Area, 12/13/97 Shreveport - Cross Lake Barge Trip	
BW	Bobbe Wommack	12/12/97 Shreveport: Residence	
BW,NC,JH&SH	B. Wommack, N. Cobb, et al.	12/06/97 Mooringsport and Caddo Lake.	
CL&UCG	C. Lyon & Unitarian Church Group	12/06/97 C. Bickham Dickson Park	
GF	Gloria Frantom	12/02/97 Shreveport: East End Cross Lake, 12/09/97 Shreveport: East End Cross Lake	
H&PLH&GW	Hubert, P, Hervey & Gregg Warren	12/01/97 James Bayou WMA - Caddo Lake Count	
ННо	Helen Hood	11/12/97 Shreveport: Residence (Southern Hills), 11/13/97 Shreveport: Residence (Southern	
		Hills), 11/14/97 Shreveport: S. Lakeshore - Public Boat Launch, 11/22/97 Shreveport:	
		Residence (Southern Hills), 12/10/97 Shreveport: Residence (Southern Hills)	
J&JT	Jeff & Jean Trahan	10/20/97 Centenary College Campus, 11/02/97 C. Bickham Dickson Park, 11/11/97 Centenary	
		College Campus, 11/15/97 Robson Road, 11/15/97 Wallace Lake Dam, 11/16/97 C. Bickham	
		Dickson Park, Hamel's Memorial Park	
J&JT&RS	J. & J. Trahan &Rosemary Seidler	11/09/97 I-49 - Mile Marker 158	
JI	Jim Ingold	12/06/97 Caddo Lake (aka Caddo Lease) Rd @ Hickory Hill Camp, Clyde Place - Vivian	
		Road, 12/06/97 Crawford Road, 12/06/97 LA530 East from Jct. w/538 to 1 mile past Black	
		Bayou Bridge	
MT	Margo Tuller	12/04/97 Shreveport: University Terrace, 12/09/97 Shreveport: University Terrace	
PD	Paul Dickson	12/11/97 Red River.	
PLH	Pat L. Hervey	11/21/97 Stonewall - Hervey Farm, 11/24/97 Stonewall - Hervey Farm, 12/01/97 Stonewall -	
		Hervey Farm, 12/03/97 Stonewall - Hervey Farm	
SH	Shirley Huss	12/12/97 Shreveport: Youree Drive at LSUS	
T&SD	Terry & Stella Davis	12/01/97 Clyde Fant Parkway at Stoner	
TD	Terry Davis	11/21/97 70th Street near Walker Rd, 11/26/97 Mansfield Airport, 12/02/97 I-220 Bridge over	
		Cross Lake, 12/06/97 Catfish ponds - Hwy. 71 North, 12/06/97 Gilliam to Missionary Area	
WS	Will Smolenski	12/09/97 Shreveport: 526 Dunmoreland Dr., C. Bickham Dickson Park	

RECORDS			
Common Name	Data		
Common Loon	11/22/97 BSG 5		
Pied-billed Grebe	11/02/97 J&IT 1, 11/16/97 J&JT 5, 11/22/97 BSG 11, 12/06/97 BW,NC,JH&SH 15, 12/06/97 CL&UCG 1, 12/06/97 TD 4, 12/10/97 WS 2, 12/13/97 BSG 8		
Horned Grebe	11/22/97 BSG 4, 12/06/97 BW,NC,JH&SH 1, 12/13/97 BSG 18		
Eared Grebe	12/13/97 BSG I		
American White Pelican	11/21/97 TD 1, 12/10/97 WS 32, 12/13/97 BSG 27		
Double-crested Cormorant	11/02/97 J&JT 65, 11/16/97 J&JT 8, 11/16/97 J&JT 19, 11/22/97 BSG 25, 12/06/97 BW,NC,JH&SH 200, 12/06/97 CL&UCG 250, 12/06/97 JI 4, 12/10/97 WS 77,		
	12/13/97 BSG 2000		
Great Blue Heron	11/02/97 J&IT 2, 11/14/97 HHo 2, 11/15/97 J&IT 1, 11/16/97 J&IT 2, 11/16/97 J&IT 1, 11/22/97 BSG 2, 12/01/97 H&PLH&GW 2, 12/04/97 MT 1, 12/06/97		
	BW,NC,JH&SH 2, 12/06/97 CL&UCG 5, 12/06/97 JI 3, 12/10/97 WS 2, 12/13/97 BSG 7		
Great Egret	11/02/97 J&TT 2, 11/16/97 J&TT 2, 11/16/97 J&TT 1, 11/22/97 BSG 1, 12/01/97 H&PLH&GW 1, 12/06/97 BW,NC,JH&SH 15, 12/06/97 II 4, 12/06/97 CL&UCG		
	12, 12/10/97 WS 6, 12/13/97 BSG 22		
Snowy Egret	11/14/97 HHo 1		
White Ibis	11/22/97 BSG 10		
Black Vulture	11/22/97 BSG 6, 12/06/97 CL&UCG 25, 12/06/97 Л 8, 12/13/97 BSG 2		
Turkey Vulture	11/02/97 J&JT 10, 11/16/97 J&JT 3, 11/16/97 J&JT 3, 11/22/97 BSG 10, 12/01/97 H&PLH&GW 1, 12/06/97 Л 1, 12/06/97 Л 7, 12/06/97 СL&UCG 12, 12/06/97 Л		
	4, 12/13/97 BSG 8		
Snow Goose	12/11/97 PD 3		
Ross' Goose	12/11/97 PD 14		
Wood Duck	11/02/97 J&JT 2, 11/22/97 BSG 1, 12/01/97 H&PLH&GW 3, 12/01/97 T&SD 9, 12/06/97 JJ 3, 12/13/97 BSG 6		
Green-winged Teal	11/22/97 BSG 15, 12/13/97 BSG 10		
Mallard	11/14/97 HHo 6, 12/01/97 H&PLH&GW 4, 12/06/97 BW,NC,JH&SH 1, 12/06/97 TD 3, 12/06/97 TD 6, 12/10/97 WS 5, 12/13/97 BSG 200		
Northern Shoveler	11/21/97 TD 2, 11/22/97 BSG 2, 12/06/97 BW,NC,JH&SH 1, 12/06/97 TD 8, 12/06/97 TD 17		
Gadwall	11/22/97 BSG 6, 12/13/97 BSG 80		
American Wigeon	12/13/97 BSG 2		
Canvasback	12/06/97 BW,NC,JH&SH 5, 12/06/97 TD 5, 12/13/97 BSG 60		
Redhead	12/06/97 TD 35, 12/13/97 BSG 1		
Ring-necked Duck	11/22/97 BSG 6, 12/06/97 TD 6, 12/13/97 BSG 9		
Lesser Scaup	11/22/97 BSG 24, 12/06/97 BW,NC,JH&SH 10, 12/06/97 TD 59, 12/06/97 TD 2, 12/06/97 CL&UCG 3, 12/13/97 BSG 20		
Oldsquaw	12/13/97 BSG 1		
Bufflehead	11/21/97 TD 10, 11/22/97 BSG 6, 12/06/97 BW,NC,JH&SH 1, 12/13/97 BSG 75		
Hooded Merganser	11/21/97 TD 3, 11/22/97 BSG 2, 12/06/97 Л 2, 12/06/97 TD 21		
Common Merganser	12/13/97 BSG 2		
Red-breasted Merganser	11/22/97 BSG 1		
Ruddy Duck	11/22/97 BSG 40, 12/06/97 BW,NC,开&SH 5, 12/06/97 TD 5, 12/06/97 Л 15, 12/13/97 BSG 400		
Bald Eagle	11/22/97 BSG 1, 12/02/97 TD 1, 12/13/97 BSG 1		
Northern Harrier	11/15/97 J&JT 1, 12/06/97 JT 1, 12/06/97 TD 5		
Sharp-shinned Hawk	12/01/97 T&SD 1, 12/06/97 Л 1, 12/09/97 WS 1, 12/15/97 АВ 1		
Cooper's Hawk	11/02/97 J&JT 1, 12/06/97 JI 1, 12/06/97 TD 1, 12/13/97 BSG 1		

RECORDS			
Common Name	Data		
Red-shouldered Hawk Red-tailed Hawk	11/2297 BSG 2, 12/01/97 H&PLH&GW 1, 12/06/97 BW,NC,JH&SH 1, 12/06/97 JI 4		
Red-tailed Hawk	11/02/97 J&TF 2, 11/15/97 J&TF 3, 11/16/97 J&TF 1, 11/16/97 J&TF 1, 11/22/97 BSG 2, 12/01/97 T&SD 2, 12/06/97 TD 8, 12/06/97 JF 2, 12/06/97 CL&UCG 1, 12/12/97 SH 3, 12/13/97 BSG 2		
American Kestrel	11/16/97 J&JT 1, 12/06/97 CL&UCG 1, 12/06/97 Л 2, 12/06/97 TD 7, 12/12/97 SH 2, 12/13/97 BSG 1		
Northern Bobwhite American Coot	12/06/97 BW,NC,JH&SH 1 11/02/97 J&JT 1, 11/14/97 HHo 5, 11/21/97 TD 100, 11/22/97 BSG 22, 12/06/97 BW,NC,JH&SH 1000, 12/06/97 JI 1, 12/13/97 BSG 120		
Killdeer	11/02/97 J&JT 6, 11/15/97 J&JT 1, 11/15/97 J&JT 2, 11/16/97 J&JT 2, 11/22/97 BSG 2, 12/01/97 T&SD 3, 12/06/97 CL&UCG 6, 12/06/97 TD 30		
Spotted Sandpiper Common Snipe	12/13/97 BSG 3 12/06/97 TD 31		
Bonaparte's Gull	11/22/97 BSG 2, 12/10/97 WS 12, 12/13/97 BSG 40		
Ring-billed Gull Forster's Tern	11/16/97 J&T 1, 11/21/97 TD 1, 11/22/97 BSG 9, 12/06/97 BW,NC,JH&SH 1, 12/06/97 CL&UCG 40, 12/10/97 WS 11, 12/13/97 BSG 250 12/02/97 TD 1, 12/13/97 BSG 3		
Rock Dove	12/01/97 T&SD 10, 12/06/97 CL&UCG 1, 12/09/97 WS 9, 12/13/97 BSG 23		
Mourning Dove Inca Dove	11/02/97 J&IT 55, 11/12/97 HHo 4, 11/15/97 J&JT 5, 11/15/97 J&JT 6, 11/16/97 J&JT 2, 12/04/97 MT 18, 12/09/97 WS 5, 12/13/97 BSG 1, 12/15/97 AB 6 12/06/97 JI 9		
Greater Roadrunner	11/09/97 J&TT&RS 1, 12/06/97 BW,NC,H&SH 1		
Belted Kingfisher Red-headed Woodpecker	11/02/97 J&TC 2, 11/16/97 J&TC 1, 11/22/97 BSG 1, 12/06/97 CL&UCG 1, 12/06/97 TD 1, 12/10/97 WS 1, 12/13/97 BSG 3 12/06/97 CL&UCG 1		
Red-bellied Woodpecker	11/02/97 J&T 5, 11/15/97 J&T 1, 11/15/97 J&T 1, 11/16/97 J&T 4, 11/21/97 PLH 1, 11/22/97 BSG 1, 12/01/97 H&PLH&GW 5, 12/01/97 T&SD 5, 12/03/97		
Yellow-bellied Sapsucker	PLH 1, 12/06/97 BW,NC,JH&SH 2, 12/06/97 JI 3, 12/06/97 JI 2, 12/06/97 CL&UCG 2, 12/09/97 WS 1, 12/15/97 AB 2 11/16/97 J&JT 1, 11/21/97 PLH 1, 11/22/97 BSG 2, 12/01/97 PLH 1, 12/01/97 T&SD 2, 12/01/97 H&PLH&GW 3, 12/03/97 PLH 2, 12/04/97 MT 1, 12/06/97		
	BW,NC,JH&SH 2, 12/06/97 CL&UCG 3, 12/06/97 CL&UCG 3, 12/06/97 JI 2, 12/06/97 JI 2, 12/13/97 BSG 1		
Downy Woodpecker Hairy Woodpecker	11/02/97 J&T 1, 11/21/97 PLH 1, 11/22/97 BSG 2, 12/01/97 H&PLH&GW 2, 12/01/97 T&SD 6, 12/02/97 GF 2, 12/03/97 PLH 1, 12/06/97 JI 1, 12/06/97 JI 1 12/01/97 H&PLH&GW 1		
Northern Flicker	11/02/97 J&JT 2, 11/16/97 J&JT 1, 11/21/97 PLH 1, 11/24/97 PLH 1, 12/01/97 H&PLH&GW 4, 12/01/97 PLH 2, 12/01/97 T&SD 2, 12/06/97 BW,NC,JH&SH 1,		
Pileated Woodpecker	12/06/97 CL&UCG 2, 12/06/97 II 2, 12/06/97 II 1, 12/10/97 WS 1 11/16/97 J&IT 1, 11/21/97 PLH 1, 12/01/97 PLH 3, 12/06/97 BW.NC.JH&SH 1, 12/06/97 CL&UCG 2		
Eastern Phoebe	11/02/97 J&JT 1, 11/16/97 J&JT 1, 11/22/97 BSG 1, 12/01/97 PLH 1, 12/03/97 PLH 1, 12/06/97 BW,NC,JH&SH 2, 12/06/97 J 4, 12/06/97 CL&UCG 1		
Scissor-tailed Flycatcher Loggerhead Shrike	11/21/97 TD 1 11/15/97 J&TT 2, 11/16/97 J&JT 1, 12/06/97 BW,NC,JH&SH 1, 12/06/97 CL&UCG 1, 12/06/97 Л 1		
Blue Jay	11/02/97 J&JT 4, 11/13/97 HHo 1, 11/15/97 J&JT 8, 11/16/97 J&JT 3, 11/16/97 J&JT 1, 11/21/97 PLH 2, 11/22/97 BSG 3, 12/01/97 T&SD 6, 12/01/97		
	H&PLH&GW 4, 12/01/97 PLH 4, 12/03/97 PLH 2, 12/04/97 МТ 6, 12/06/97 BW,NC,JH&SH 3, 12/06/97 Л 1, 12/06/97 Л 7, 12/06/97 Л 11, 12/06/97 СL&UCG 6, 12/09/97 WS 3, 12/10/97 WS 1, 12/13/97 BSG 1, 12/15/97 AB 3		
American Crow	11/02/97 J&JT 2, 11/15/97 J&JT 2, 11/16/97 J&JT 5, 11/21/97 PLH 4, 11/22/97 BSG 6, 12/01/97 H&PLH&GW 8, 12/01/97 T&SD 5, 12/01/97 PLH 2, 12/06/97		
Fish Crow	BW,NC,JH&SH 45, 12/06/97 CL&UCG 4, 12/06/97 II 44, 12/06/97 II 2, 12/13/97 BSG 5 11/02/97 J&JT 1, 12/01/97 H&PLH&GW 3, 12/06/97 CL&UCG 1		
Horned Lark	12/06/97 TD 25		
Carolina Chickadee	11/02/97 J&JT 6, 11/21/97 PLH 2, 11/22/97 HHo 2, 11/22/97 BSG 4, 12/01/97 H&PLH&GW 3, 12/01/97 PLH 4, 12/02/97 GF 4, 12/03/97 PLH 5, 12/04/97 MT 1, 12/06/97 BW,NC,JH&SH 6, 12/06/97 CL&UCG 3, 12/06/97 JI 10, 12/09/97 WS 2, 12/15/97 AB 3		
Tufted Titmouse	11/02/97 J&T 4, 11/16/97 J&JT 1, 11/21/97 PLH 2, 11/22/97 BSG 3, 11/22/97 HHo 2, 12/01/97 H&PLH&GW 3, 12/01/97 PLH 5, 12/03/97 PLH 6, 12/06/97		
Red-breasted Nuthatch	BW,NC,H&SH 1, 12/06/97 CL&UCG 2, 12/06/97 Л 1, 12/06/97 Л 2, 12/09/97 WS 3 10/20/97 J&TF 1, 11/11/97 J&TF 1, 11/22/97 BSG 13, 12/02/97 GF 1, 12/09/97 WS 1, 12/12/97 BW 2		
White-breasted Nuthatch	11/22/97 BSG 1, 12/01/97 H&PLH&GW 2, 12/06/97 BW,NC,JH&SH 2, 12/09/97 GF 2, 12/09/97 WS 3, 12/12/97 BW 1		
Brown-headed Nuthatch Brown Creeper	11/22/97 BSG 2, 12/01/97 H&PLH&GW 4, 12/06/97 Л 1 11/22/97 BSG 1, 12/12/97 BW 1		
Carolina Wren	11/02/97 J&JT 4, 11/15/97 J&JT 1, 11/16/97 J&JT 3, 11/16/97 J&JT 2, 11/21/97 PLH 1, 11/22/97 HHo 1, 11/22/97 BSG 4, 12/01/97 H&PLH&GW 3, 12/01/97		
House Wren	T&SD 2, 12/01/97 PLH 2, 12/02/97 GF 1, 12/03/97 PLH 1, 12/04/97 МТ 1, 12/06/97 BW,NC,,H&SH 3, 12/06/97 Л 3, 12/06/97 Л 2, 12/13/97 BSG 1 12/01/97 T&SD 2, 12/06/97 Л 1, 12/06/97 Л 1, 12/06/97 CL&UCG 1, 12/15/97 AB 2		
Winter Wren	11/16/97 J&TT 1, 11/22/97 BSG 2, 11/24/97 PLH 1, 12/01/97 H&PLH&GW 2, 12/01/97 T&SD 1		
Sedge Wren Marsh Wren	12/01/97 T&SD 1, 12/06/97 TD 1 12/06/97 JI 3		
Golden-crowned Kinglet	11/16/97 J&JT 2, 11/22/97 BSG 3, 12/01/97 H&PLH&GW 1		
Ruby-crowned Kinglet	11/02/97 J&JT 6, 11/15/97 J&JT 1, 11/15/97 J&JT 1, 11/16/97 J&JT 15, 11/16/97 J&JT 4, 11/22/97 BSG 6, 12/01/97 H&PLH&GW 7, 12/01/97 T&SD 7, 12/03/97 PLH 1, 12/06/97 BW,NC,JH&SH 2, 12/06/97 CL&UCG 6, 12/06/97 JI 4, 12/06/97 JI 17, 12/13/97 BSG 1		
Blue-gray Gnatcatcher	11/02/97 J&JT 2, 12/01/97 T&SD 2, 12/06/97 TD 1, 12/06/97 CL&UCG 2		
Eastern Bluebird Hermit Thrush	11/15/97 J&JT 4, 11/22/97 BSG 5, 12/01/97 H&PLH&GW 6, 12/01/97 PLH 5, 12/03/97 PLH 1, 12/06/97 BW,NC,JH&SH 7, 12/10/97 WS 5 11/22/97 BSG 2, 12/01/97 H&PLH&GW 1, 12/06/97 JI 3, 12/06/97 CL&UCG 2, 12/06/97 JI 1		
American Robin	11/02/97 J&JT 25, 11/16/97 J&JT 5, 11/16/97 J&JT 1, 11/22/97 BSG 20, 12/01/97 H&PLH&GW 2, 12/01/97 T&SD 20, 12/02/97 GF 50, 12/06/97 BW,NC,JH&SH		
Northern Mockingbird	2, 12/06/97 CL&UCG 15, 12/09/97 WS 1 11/02/97 J&JT 4, 11/15/97 J&JT 2, 11/15/97 J&JT 1, 11/16/97 J&JT 1, 11/16/97 J&JT 3, 12/01/97 H&PLH&GW 1, 12/01/97 T&SD 2, 12/04/97 MT 4, 12/06/97 JJ 5,		
_	12/06/97 BW,NC,JH&SH 2, 12/06/97 CL&UCG 1, 12/09/97 WS 2, 12/10/97 WS 3, 12/15/97 AB 1		
Brown Thrasher European Starling	11/02/97 J&JT 1, 11/13/97 HHo 1, 12/01/97 T&SD 1, 12/01/97 H&PLH&GW 4, 12/06/97 JI 1 11/02/97 J&JT 1, 12/01/97 T&SD 5, 12/06/97 CL&UCG 1, 12/06/97 JI 1, 12/09/97 WS 2		
American Pipit	12/01/97 T&SD 8, 12/06/97 TD 75, 12/06/97 CL&UCG 3		
Sprague's Pipit Cedar Waxwing	11/26/97 TD 1 12/01/97 T&SD 16, 12/02/97 GF 16, 12/03/97 PLH 2, 12/06/97 BW,NC,JH&SH 40, 12/13/97 BSG 150		
Orange-crowned Warbler	11/02/97 J&IT 2, 12/01/97 H&PLH&GW 1, 12/01/97 T&SD 2, 12/06/97 JI 1		
Yellow-rumped Warbler	11/02/97 J&JT 10, 11/15/97 J&JT 10, 11/16/97 J&JT 3, 11/16/97 J&JT 35, 11/21/97 PLH 6, 11/22/97 BSG 10, 11/22/97 HHo 1, 12/01/97 H&PLH&GW 4, 12/01/97 PLH 6, 12/01/97 T&SD 8, 12/05/97 JI 19, 12/06/97 CL&UCG 101, 12/10/97 WS 39, 12/15/97 AB 1		
Pine Warbler	11/22/97 BSG 19, 12/01/97 PLH 3, 12/01/97 H&PLH&GW 4, 12/02/97 GF 2, 12/03/97 PLH 2, 12/06/97 BW,NC,JH&SH 4		
Eastern Towhee Chipping Sparrow	12/01/97 T&SD 1, 12/06/97 JI 1 11/15/97 J&JT 150, 11/21/97 PLH 2, 11/22/97 HHo 2, 12/01/97 PLH 5, 12/03/97 PLH 15, 12/06/97 BW,NC,JH&SH 45		
Field Sparrow	11/15/97 J&JT 3, 12/01/97 H&PLH&GW 1, 12/01/97 T&SD 1, 12/06/97 BW,NC,JH&SH 3, 12/06/97 Л 2, 12/06/97 Л 1, 12/06/97 TD 1		
Vesper Sparrow Savannah Sparrow	11/26/97 TD 1, 12/01/97 T&SD 1, 12/06/97 TD 4 11/02/97 J&JT 7, 11/15/97 J&JT 11, 11/26/97 TD 10, 12/01/97 T&SD 3, 12/06/97 BW,NC,JH&SH 3, 12/06/97 TD 100		
LeConte's Sparrow	12/01/97 T&SD 1		
Fox Sparrow Song Sparrow	11/16/97 J&TT 1, 12/01/97 T&SD 2, 12/06/97 JT 7, 12/06/97 CL&UCG 2, 12/06/97 JT 5 11/15/97 J&TT 2, 11/15/97 J&TT 1, 11/16/97 J&TT 1, 11/16/97 J&TT 1, 11/16/97 J&TT 2, 11/15/97 J&T 2, 11/15/97 J&T 2, 11/15/97 J&T 2, 11/15/97 J&T 3, 11/16/97 J&T 3, 11/16/9		
	BW,NC,JH&SH 1, 12/06/97 II 5, 12/06/97 II 10, 12/06/97 CL&UCG 1, 12/06/97 TD 20		
Lincoln's Sparrow Swamp Sparrow	11/24/97 PLH 1, 12/01/97 T&SD 3, 12/01/97 H&PLH&GW 1 11/02/97 J&TT 1, 11/15/97 J&TT 2, 12/01/97 H&PLH&GW 1, 12/01/97 T&SD 5, 12/06/97 TD 10, 12/06/97 Л 5		
White-throated Sparrow	11/02/97 J&JT 4, 11/12/97 HHo 2, 11/15/97 J&JT 10, 11/15/97 J&JT 8, 11/16/97 J&JT 29, 11/16/97 J&JT 5, 11/21/97 PLH 6, 11/22/97 BSG 9, 12/01/97 T&SD 50,		
	12/01/97 PLH 2, 12/01/97 H&PLH&GW 3, 12/03/97 PLH 2, 12/06/97 BW,NC,JH&SH 3, 12/06/97 Л 2, 12/06/97 CL&UCG 15, 12/06/97 Л 37, 12/06/97 TD 20, 12/06/97 Л 16, 12/09/97 WS 2, 12/15/97 AB 3		
White-crowned Sparrow	11/15/97 J&JT 15, 11/15/97 J&JT 5, 11/21/97 PLH 4, 12/01/97 PLH 2, 12/03/97 PLH 2, 12/06/97 TD 3, 12/12/97 BW 5		
Dark-eyed Junco	11/15/97 J&JT 8, 11/15/97 J&JT 20, 11/16/97 J&JT 5, 12/01/97 PLH 1, 12/01/97 T&SD 1, 12/02/97 GF 15, 12/06/97 JI 4, 12/09/97 WS 5, 12/10/97 HHo 5, 12/06/97 BW,NC,JH&SH 45, 12/12/97 BW 5, 12/13/97 BSG 20		
Lapland Longspur	12/06/97 TD 19		
Northern Cardinal	11/02/97 J&JT 11, 11/12/97 HHo 3, 11/15/97 J&JT 5, 11/15/97 J&JT 4, 11/16/97 J&JT 9, 11/16/97 J&JT 4, 11/21/97 PLH 10, 11/22/97 BSG 4, 12/01/97 PLH 12, 12/01/97 T&SD 10, 12/01/97 H&PLH&GW 7, 12/03/97 PLH 10, 12/06/97 BW,NC,JH&SH 10, 12/06/97 JI 8, 12/06/97 CL&UCG 5, 12/06/97 JI 19, 12/09/97 WS 2,		
	12/09/97 GF 20, 12/13/97 BSG 2, 12/15/97 AB 2		
Red-winged Blackbird Eastern Meadowlark	11/02/97 J&JT 1, 11/22/97 BSG 1, 12/01/97 H&PLH&GW 4, 12/01/97 PLH 10, 12/01/97 T&SD 20, 12/06/97 BW,NC,JH&SH 13, 12/06/97 Л 43, 12/13/97 BSG 2 11/15/97 J&JT 12, 11/15/97 J&JT 25, 12/06/97 Л 4		
	and the second s		

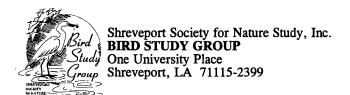
Common Name	Data	
Brewer's Blackbird	12/06/97 TD 31	
Common Grackle	11/02/97 J&JT 15, 11/15/97 J&JT 25, 11/16/97 J&JT 350, 11/16/97 J&JT 40, 12/01/97 T&SD 500, 12/06/97 JI 4, 12/06/97 CL&UCG 300, 12/09/97 MT 200	
Brown-headed Cowbird	11/22/97 BSG 2, 12/01/97 T&SD 1, 12/06/97 TD 1	
Purple Finch	12/01/97 PLH 1	
House Finch	12/01/97 T&SD 10, 12/03/97 PLH 2, 12/09/97 WS 1, 12/15/97 AB 7	
Pine Siskin	11/22/97 BSG 5	
American Goldfinch	11/21/97 PLH 4, 11/22/97 BSG 14, 12/01/97 H&PLH&GW 12, 12/01/97 T&SD 15, 12/03/97 PLH 3, 12/06/97 BW,NC,JH&SH 5, 12/06/97 CL&UCG 4, 12/06/97 JI	
	3, 12/06/97 Л 6	
House Sparrow	12/06/97 JI 1, 12/09/97 WS 9, 12/15/97 AB 9	

Printed 644 records of 115 species.

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BIRD STUDY GROUP NEWSLETTER

Volume 12, Number 6 January 30, 1998

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

February 10, 1998

6:30 p.m.

HOW TO DOCUMENT RARE BIRDS

STEVE CARDIFF AND DONNA DITTMANN

Louisiana State University

FIELD TRIPS

Sandhill Cranes at Cheneyville - February 7

Red River Agricultural Experimental Station - February 21

Bird Banding at Dickson Deer Farm - February 28

Bodcau Bayou Camp-out - March 14-15

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

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WWW HOME PAGE	Jim Ingold	797-5236 W, 742-5067 H

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FIELD TRIPS

February 7 - Sandhill Crane trip. The Wemple Farm near Cheneyville hosts a flock of cranes each year, numbering several hundred. Carpool from the LSUS parking lot. The trip leaves at 6:30 a.m. Leader: Hubert Hervey

February 21 - Red River Agricultural Experiment Station. Leave from LSUS parking lot at 7:00 a.m. Leader: Bill Wood

February 28 - Paul Dickson Deer Farm on Leonard Road. Meet at the farm at 7:00 a.m. Leaders: Jim Ingold and Paul Dickson.

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

March 28 - Loggy Bayou WMA. Details to be arranged.

Paul Dickson: 798-1000 Hubert Hervey: 925-9249 Jim Ingold: 797-5236

Bill Wood: 864-9985 h, 868-6580 w

ABOUT THE PROGRAM

Steven W. Cardiff is originally from California and has been associated with the LSU Museum of Natural Science in Baton Rouge since1979. He has been the Collections Manager for the Sections of Birds and Mammals there since 1984. He is the Chair of the Louisiana Bird Records Committee, Spring Editor of the

Central Southern Region of "Field Notes," Louisiana CBC Editor, and a technical reviewer for Birding Magazine, and he writes seasonal summaries on Louisiana birds for the LOS Newsletter.

Donna L. Dittmann is originally from California and has been associated with LSUMNS, Baton Rouge, since 1985. She is currently the Preparator and the Collections Manager for the Section of Genetic Resources. She is also the Secretary of the LBRC, a member of the ABA Checklist Committee, and a technical reviewer for Birding Magazine.

Donna and Steve will discuss why it is important to document rarities, review various documentation methods, provide examples of how to submit reports, and describe the functioning of the Louisiana Bird Records Committee. If time permits, they will have a "practice describing the bird in the photo" session. This will involve audience participation, so everyone should remember to bring their binoculars. There may also be time to discuss ID problems/review list species/etc.

BSG OWL PROWL RESULTS

By Hubert C. Hervey

The largest crowd of birders for any of our club outings, attended the annual owl prowl on Saturday, January 17, 1998. Although we've had more people at some outings that involved free food. Twenty-nine people got to see a pair of Barn Owls and their nest, containing three eggs and one owlet. This same pair of Barn Owls raised seven owls last year, in the same general area, down Yearwood Road. We also got to see Horned Lark, American Pipit, Fox Sparrow, Lincoln's Sparrow, and Eastern Screech-Owl. A red-phased Eastern Screech-Owl perched in the bright light of the spotlight, allowing everyone to look to their hearts' content. It was only a few steps away and patiently allowed us several minutes of viewing pleasure.

Earlier in the afternoon, I tried hard to locate the Harris' Sparrow which I had seen the previous day. The entire sparrow flock kept moving ahead of the throng of birders as if we were herding them down the road - which we were. Too bad I didn't have a corral at the south end of Harts Island Road, we probably would have captured the Harris' Sparrow in it.

Use your Kroger Card - It helps the BSG

LOUISIANA CHRISTMAS BIRD COUNTS WEB PAGE

A web page devoted to the results of the 1997-98 Louisiana Christmas Bird Counts has been posted on the internet by David L'Hoste. The address is: http://www4.linknet.net/loste/lacbc.htm.

BALD EAGLE SHOT INFORMATION REOUESTED

A ccording to The Times (29 January 1998), a wounded mature adult female Southern Bald Eagle was found last month in Sabine Parish. The eagle had apparently been shot many times, possibly between 22-24 December. The eagle was found on Ferguson Road, between state Highway 191 and Toledo Bend Reservoir. The eagle was put to sleep at the LSU Raptor Recovery Unit in Baton Rouge, when it was determined that it would be unlikely to recover.

A reward of up to \$3,500 is being offered by two wildlife agencies for information that might lead to the arrest of the perpetrators. If you have any information please call: Operation Game Thief toll free: 800-442-2511 or the U.S. Fish and Wildlife Service at 504-664-9663.

ALL BIRD TV ON THE ANIMAL PLANET

By Jim Ingold

Over the Christmas holidays, I discovered a new bird program on the Animal Planet cable channel. The program is produced by the National Audubon Society and the Nature Conservancy. The program is hosted by Dr. Ken Dial of the University of Montana. Dr. Dial is a professor and ornithologist.

The program consists of Dr. Dial traveling to various locations across the United States and visiting with local experts. The videography is superb with many close ups of birds and habitats. A program I saw on Saturday 24 January had Dr. Dial visiting a group of researchers that were video recording the behavior of American Redstarts and Yellow Warblers who were feeding young Brownhead Cowbirds in their nests.

Animal Planet is part of extended cable service and can be seen on Shreveport Cable Channel 42 and in Bossier City on Cable Channel 31. According to the Discovery Channel web page (http://www.discovery.com) it can be seen at the following times (CST): Tuesday 11:30 a.m. and 4:00 p.m.; Friday 11:30 a.m. and 8:30 p.m.; Saturday 3 a.m., 2:00 p.m., and 5 p.m.

SKUAS AND JAEGERS: A GUIDE TO SKUAS AND JAEGERS OF THE WORLD

KLAUS MALLING OLSEN AND HANS LARSSON

Yale University Press New Haven and London

A book report by Hubert Hervey

Sooner or later, if you bird enough around open water, you will run across a jaeger that you can't identify to your satisfaction. Jaegers were seen in the autumn of 1997 nearby in Arkansas at Lake Millwood and in Texas, at Lake O' The Pines. I would place any of the three jaeger species high on a list of birds we can expect to see for the first time in northwestern Louisiana in the future.

When you see your first jaeger, correct identification may be difficult. Too late, you may learn to study the subject of Jaegers more thoroughly. The book Skuas and Jaegers is the best prospect you have of learning about these difficult birds. The reason they are so difficult is, although there are only three species to concentrate your studies on, each species has different color phases, and each of these is different at various ages of development. For instance: the Parasitic Jaeger (known by its European name of Arctic Skua in this book) has two color plates of twenty different birds. And the somewhat similar Long-tailed Jaeger has two color plates of seventeen different birds. Plus, in the species account, there are photos of all the different species. So you can take a picture or write a detailed description and compare it to the plate in the book and likely make a correct identification.

The text is very readable and helpful because the authors are well aware of the problems that are likely to be encountered, including the conditions of many sightings quite a distance away, attempting to scope through heat shimmers and ocean mists, and the fact that jaegers are seldom still, where they can be studied at the viewer's leisure

Jaegers and skuas are the raptors of the oceans, so you see why they appeal to a hawk counter like myself. We have a copy of this book in the Bird Study Group library, so you can borrow it and save yourself around \$40. You may want your own copy after you see the high quality of this "must read it" book.

ON THE DAY AFTER **CHRISTMAS**

By Terry Davis

On the Day after Christmas My true love showed to me A Cape May Warbler in a small shrubby tree.

Well, eastern saltbush (*Baccharis halimifolia*) to be exact. Mostly referred to as groundsel by locals and birders. WOW! What a bang, to end the old year and begin the New Year with a Cape May Warbler hanging

The story goes like this. My wife Stella and I were birding around 7:00 a.m. on the 26th of December at an area on the north side of Cross Lake known well to birders and fishermen alike as Brewster's Pocket. We wanted to be there as early as possible to to see Marsh Wrens (that were hopefully still there) in a thin strip of cattails at the water's edge. Charlie Lyon and I saw the wrens on the Shreveport Christmas Bird count on 27 December 1997. Although they didn't behave as well as on count day, we finally managed to to coax a couple out so Stella could see them. Mice with wings they are!

With the light getting a little better we started scanning for ducks on the lake. Being scopeless, we didn't see much, so we walked back throught the muddy parking lot toward the little cypress studded island across from a small cove, which usually produces something worthwhile. On our way to the cove, we saw Dark-eyed Juncos, Whitethroated Sparrows, Ruby-crowned Kinglets, American Goldfinch, Yellow-rumped, Pine and Orange-crowned Warblers, which are always nice.

It was one of those still, hazy mornings where everything was busy in the bird world. As they went about their business of foraging, most allowed close approach, as if we were an invisible part of the landscape. At the time it seemed that the proverbial fruit had yet to be eaten.

As we approached the green groundsel thicket, which is on the water's edge and surrounded by a smattering of dried goldenrod, I caught a glimpse of something leaving the furthest bush on our left, at the edge of the trail: tailspots a little different; olive hued back; yellow rump. I shrugged it off as a Yellow-rumped Warbler in the not so great light and turned my attention to an Orange-crowned

Warbler foraging 10 feet away in the nearest shrub. What a mistake! I was busy watching the orange-crown gleaning the seemingly invisible tidbits from the forks of the groundsel branches when Stella exclaimed, "Its got a yellow chest. Its got a yellow chest." She had been watching the bush to the left. Without looking, I said, "probably a male Pine Warbler," which I had observed a few minutes earlier. STRIKE 2. That's when she said, "but male Pine Warblers don't have heavy dark streaks on their sides, do they?" WHIPLASH! I'm on first base now. Turning quickly, I caught a mirror of the first glimpse I had been awarded of the yellow rump fading into olive on the back, and the different looking tailspots. The bird had left again as quickly as it had arrived, vanishing into the thicket. We waited for a minute or two with our eyes fixed on the bush when suddenly there it was again! But only for a split second. A quick flash of the dazzling yellow chest with dark streaking was burned into our memory. Now the wheels were really turning.

When the bird first faced me, just for a second, my first thought was Magnolia Warbler. But the olive back, maybe..... STRIKE TWO for conformation! Ten seconds later and the mystery was no more! There sat a male Cape May Warbler 25 feet away and 4 feet up in the middle of the groundsel. This time acting as if he didn't have a care in the world and cared even less who was watching. The bright yellow chest with the dark streaking, the yellow reaching up behind the neck like a collar, the brownish slightly faded cheek patch, and the large white wingbars stood out strongly and conclusively.

With my heart pounding overtime, I caught my senses just long enough to say in a loud whisper to my wife, "phone!" We've got to get to a phone now! Within minutes we arrived at a bait shop on North Lakeshore behind the K.C.S. yard and proceeded to call Hubert. Hubert had a previous appointment and couldn't make it. We then phoned Larry Raymond, who arrived within 20 minutes. We then went back to look for the bird. Larry agreed on the bird being a male Cape May Warbler. Larry called Charlie Lyon and Horace Jeter, and as it turned out Hubert had already called Charlie, before leaving for his appointment. An hour and a half later it was 5 on 1, and the bird didn't stand a chance. Charlie even got some pictures to boot!

As I am writing this, the bird was still present at 3:30 p.m. on Thursday January 1st. It was observed earlier in the day by Jim Ingold, Bill Wood, and myself. Jeff Trahan has also taken pictures of the bird and he and Jean had a great time watching the bird.

The morals to this story are: 1) Pay attention to your birding partner. 2) Don't ignore seemingly minute details you see out of the corner of your eye.

Facts of the story: 1) It was an adult male Cape May Warbler in winter plumage. 2) Evidently the bird hasn't studied his migration routes and time tables.

UPCOMING OUTINGS

By Hubert C. Hervey

February 7 - Sandhill Crane trip - The Wemple Farm near Cheneyville hosts a flock of cranes each year, numbering several hundred. The cranes have now spread onto the surrounding fields. Geese, ducks, White Ibis and shorebirds are usually found. Other birds we have found on this trip include Vermillion Flycatcher, Say's Phoebe, and American Black Duck. This trip takes all day and will return to Shreveport after dark. A meal stop is usually made at Lea's in LeCompte. I will call Alexandria area birders in hopes of learning about rarities before we leave. Carpool from the LSUS parking lot, near the Museum of Life Sciences. This trip leaves at 6:30 a.m. Trip Leader: Hubert Hervey.

February 21 - Red River Agricultural Experiment Station - This trip is scheduled earlier in the year in hopes of finding longspur species. Last year produced Horned Larks in courtship display. The increase in bird life along the Red River Valley could produce some interesting species. Leave from LSUS parking lot at 7:00 a.m. Leader: Bill Wood.

February 28 - Paul Dickson's Deer Farm on Leonard Road. Note the change in date from that previously published. This is primarily a bird-banding day with Jim Ingold banding many species of birds. We also bird the adjacent fields and woods. Sometimes seen on this day are Ross's Goose, Bald Eagle, and Harris' Sparrow. Meet at the deer farm at 7:00 a.m.. Call Hubert Hervey for directions at 925-9249.

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 minimum charge. 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 get your gear ready for the Atchafalaya Basin trip the following week-end. Contact person: Hubert Hervey, phone 925-9249.

March 20, 21, and 22 - Atchafalaya Basin Canoe Trip-We will travel to the Sherbourne WMA portion of the Atchafalaya Basin, on Friday. We will be led Saturday by Charles Fryling, of Baton Rouge. He presented a delightful program to us recently, highlighting this beautiful area. He knows and loves the area, and we are fortunate to have him as our leader. Three choices of accommodations are available, according to your individual preference. They are: (1) primitive camping, at Sherbourne WMA; (2) full amenities camping at a nearby town; and (3) motel at a town somewhat farther away. I will have full details by the March meeting and maps to pass out to the participants. The Ozark Society is joining us on this trip. Mark Norris has agreed to furnish all the canoes we may need. Return home on Sunday.

POSSIBLE ADDITIONS TO AREA BIRD LIST

A MOST SCIENTIFIC APPROACH TO GUESSING THE UNPREDICTABLE

By Hubert Hervey

These are exciting times for birdwatchers in I northwestern Louisiana. On any given outing, we have the chance of seeing a new species for our area. On January 8, 1998, Pat and I saw Neotropic Cormorant at Lock and Dam #4 on the Red River, a second record for our area. Which brings me to the reason why I believe these are exciting times, the continuous corridor of lakelike habitat created by the series of five dams along the Red River. We have never before had a habitat with such potential for attracting and holding migrants that usually pass over us on their way north or south. Any bird that wants to rest up, or prospect in a promising new area, is likely to run into our elongated, pooled river and follow along its course. At the northern most pool along this route, the Shreveport area becomes more attractive to birds than ever before.

I give as proof, the recently completed Bossier, Caddo, Bienville CBC, which includes a considerable length of the Red River, north and south of Lock and Dam #5. Conducted on January 4, 1998, this count compiled birds not common to our area in mid-winter: Snowy Egret, Little Blue Heron, Tri-colored Heron, Cattle Egret, White Ibis, Sora, Sandhill Crane, American Avocet, Short-billed Dowitcher, Greater Yellowlegs, Franklin's Gull, Yellow Warbler, Palm Warbler and Nelson's Sharp-tailed Sparrow. Soon, we will come to expect many of these birds on the BCBCBC, although all are "write-up" birds now.

Cross Lake is not to be totally ignored either. Whether the great birds recently found on or near this body of water are a spin-off from the Red River project, a result of El Nino weather, or pure chance is hard to say, but nevertheless, they were here this winter. On the lake were both

Oldsquaw and Common Merganser, and in the bushes beside the lake, from December 26th through January 13th, there was a Cape May Warbler. The Cape May Warbler is still present as of this writing. How could a birder not be excited?

In the January 1998 Newsletter, Mac Hardy listed the eighteen new species recorded for our area since 1985. He closed by suggesting a hit list be compiled for our area, made up of birds to be expected in the future, "based on factual information, no hunches please". I offer my hit list, admittedly not all inclusive, but based on information which I cite after each species named. Obviously, some people will have different ideas, and you are cordially invited to add your scientific opinion to mine, thus extending the hit list.

HIT LIST - In AOU order. The abbreviation after the name indicates the season to expect sighting. (W- winter; Sp - spring; Su - summer; F - fall)

- RED-NECKED GREBE W Seen at nearby Lake Wright Patman, TX, on January 30, 1994, by Pat and Hubert Hervey.
- REDDISH EGRET Sp or Su Reported at Hagerman NWR on Lake Texoma, Mar 11-19, 97 per Field Notes, Vol 51: No 4.
- GLOSSY IBIS Su or F Nests as far west as "The Burn" in Cameron Parish (personal observation). Since we have White-faced Ibis in post breeding dispersion, we could also expect Glossy Ibis.
- EURASIAN WIGEON W Seen in New Orleans this winter. I thought I had one near RR Lock and Dam # 4 on Jan. 9, 1998, but couldn't call it because of distance and poor light.
- BLACK SCOTER W I observed one on Lake of the Pines in 1996. Often seen in the gulf off Cameron Parish.
- CRESTED CARACARA ? Observed near Greenville, TX, and seen by LOS observers in Calcasieu Parish and also reported by Roger Breedlove, south of Alexandria LA.
- 7. WHIMBREL Sp or F According to Lowrey, "must surely pass over the interior of Louisiana during its migration in spring and fall." Called casual inland in Texas by Rappole & Blacklock in "Birds of Texas." We should expect it along the Red River.
- 8. MARBLED GODWIT Sp or F According to Lowrey, "the species should fairly often visit suitable situations away from the coast in migration." It passes

- over us and now has a place to stop. We should expect this bird along the Red River.
- 9. PURPLE SANDPIPER W or Sp This species has been recorded from the rock jetties of Cameron Parish and Galveston, TX. This is a bird of the rocky shorelines of the Atlantic, and when found here, would be expected to be along the large rocks placed out into the Red River by the Corps of Engineers to control the river's channel.
- 10. RED-NECKED PHALAROPE Sp or F A rare to casual transient across all TX, per "Birds of Texas", Rappole & Blacklock, observed in S. La. per Lowrey in "Louisiana Birds." Passes over our area and could stop. A picture might be needed for proof.
- 11. RED PHALAROPE F or W Casual fall migrant over east TX per "Birds of Texas," Rappole & Blacklock, photo by Horace Jeter at Natchitoches Fish Hatchery, present Nov 29-Dec 10, 1970 per Lowrey. Passes over and may stop after rain. Watch the turf farm near Powhatan and similar spots that form fresh water puddles over short grass after a heavy rain.
- 12 14. JAEGERS: POMARINE, PARASITIC and LONG-TAILED F or Sp All are possible. All have been seen at Lake Millwood per Charlie Mills. I have a fall record for Parasitic at Lake of the Pines in1997. Skuas and Jaegers by Olsen & Larsson indicates all three species pass over Louisiana inland locations in the fall and the Parasitic Jaeger passes in the spring. Look for them in October at Caddo Lake, along the Red River, Toledo Bend, or Lake Claiborne, especially when gulls and terns are present for the jaegers to plunder. Parasitic Jaeger would be a good guess for first to show up, so study our new skua and jaeger book, available from the club library, and be ready
- GULLS Many species are possible because gulls are notorious wanderers. I am including the four that have been seen near us in eastern Texas. Any could show up here.
- 15. COMMON BLACK-HEADED GULL F or W This is the only species that garnered unanimous entry onto a list of birds reflecting the opinions of four prominent Louisiana birders titled "Which Ten Birds Will Be the Next To Be Added To the State List". Seen in January 30, 1994 by Pat and Hubert Hervey, at Lake Wright Patman. I would not be surprised to find this bird on a Cross Lake barge trip or along the Red River.
- 16. LITTLE GULL F or W Seen at Lake Wright Patman on January 30, 1994 by Pat and Hubert

Hervey. Look for this gull among the many **Bonaparte's Gulls** present at Cross Lake.

- 17. THAYER'S GULL F or W Seen by members of NETFO at Lake of the Pines, fall of 1997, this bird could be very difficult to identify. Good advice is, be prepared to photograph any of the birds in this list, but especially the Jaegers and gulls.
- 18. GREATER BLACK-BACKED GULL W or Sp-Seen by Pat and Hubert Hervey, March 21, 1993, at Lake of the Pines. This is a huge bird that is expanding its range.
- 19. NORTHERN SAW-WHET OWL W Other owls may be possible, but I chose this as most likely, because it is known as casual in winter across the northern two-thirds of Texas and has been recorded in southern Louisiana, so it had to have passed over northern Louisiana to get to that location. Although these small owls nare quite tame they are very easy to overlook as they are quiet and good at hiding.

HUMMERS - Several hummingbirds are also possible, since we now have records of ten species wintering in southern Louisiana but only three in our database. I am including one that I don't really see how we have missed because so many are present elsewhere in the state.

- 20. BLACK-CHINNED HUMMINGBIRD W Nests as near as the Edward's Plateau of TX. I have seen this species in Cameron, Lafayette, Gramercy, and New Orleans. Expect it here.
- 21. COUCH'S KINGBIRD Sp Pat and I had one of these birds near Keatchie, DeSoto Parish, La. on an NAMC, May 11, 1996. There is a slight chance it was a Tropical Kingbird, as they are look-a-like (sibling) species. It would have taken a response to a taped call or song for a positive identification. Charlie Lyon played a tape late that evening, but reported an indefinite response, only indicating probable Couch's Kingbird. The lesson here is obvious, be prepared with tapes of certain species such as Kingbirds and Empidonax flycatchers. You never know what rarity you may find.
- 22. ROCK WREN F or W Seen only fleetingly at Lake Millwood by BSG outing on October 18, 1997, and fully identified before and after that date by Charlie Mills. This sighting opens the likelihood of Rock Wrens anywhere among the large rocks placed along the entire length of the Red River Waterway. This is a difficult or even dangerous habitat to work for birds, but the addition of a new species should be worth the trouble. If a Northern Wheatear can come here, and one did come to my farm not long ago, so can a Rock Wren.

BREWSTER'S AND LAWRENCE'S HYBRID WARBLERS - Sp or F - Since these are not considered species, I will only mention that both parent species (Bluewinged and Golden-winged Warblers) pass through this area, so it is only a matter of time before the hybrid forms are seen here too. Read the excellent discussion on these birds in "Warblers" Peterson Field Guide by Jon Dunn and Kimball Garrett. This excellent book is available from our club library, but you need your own copy.

- 23. LARK BUNTING W Common in short grass prairie and agricultural fields across TX except in the eastern woodland. Seen along Lake Ponchatrain by many LOS observers in the winter of 97-98. Status is casual east of TX. Be prepared to identify a grayish, drab bird with heavy dusky streaking and white or buffy wing patches. Don't expect the plumage to be the easy to identify, black and white colors, of the breeding male.
- 24. McCOWN'S LONGSPUR W Some brave, cold-loving birder will have the honor of adding this species to our local list before too long. It will probably happen following one of the worst weather spells, with icing and snow, known to the Shreveport area. Search in the Wardview or Missionary Plantation areas as soon as the roads are passable. They winter as near as Allen TX, about 40 miles north of Dallas TX.
- 25. SHINY COWBIRD F, W or Sp Seen May 3, 1997 near Ft. Worth. This invader could easily be overlooked in the crowds of Brown-headed Cowbirds and Red-winged Blackbirds of winter. I have October records in Cameron Parish.
- 26. BRONZED COWBIRD Sp or F Nests near New Orleans. Actually, they lay their eggs in nests of other birds, primarily Red-winged Blackbirds. I have April and October records for Cameron Parish.

MINUTES OF THE BOARD MEETING January 6, 1998 Museum of Life Sciences at LSUS

Board Members Present: Mac Hardy, Roy Henderson, Hubert Hervey, Shirley Huss, Vicki LeFevers, Larry Raymond, Rosemary Seidler, Jean Trahan

Others Present: Bill Conrad, Jim Ingold

NEW BUSINESS:

Bill Conrad spoke to the Board regarding the Audubon Society Chapters of New Orleans and Baton Rouge. Members of the Board stated that the Bird Study Group of the Shreveport Society for Nature Study is an independent organization and would not consider becoming affiliated with another group at this time.

Larry Raymond discussed the possibility of the club purchasing gifts for the speakers. The Board decided on leather portfolios with the logo on them. Hubert Hervey moved that the proposal be put before the Club at its regular meeting on January 13, 1998, for a vote. Shirley Huss's seconded the motion. The motion carried.

COMMITTEE REPORTS:

Treasurer's Report: The balance at Hibernia in November, 1997 was \$526.57. Since that time, the club had income of \$586.38 and expenses of \$168.67 resulting in a balance of \$944.28 for December, 1997. The income was the result of receiving \$489.38 from the auction, \$32.00 from the raffle and \$65.00 in membership dues. There is an additional \$138.54 at the LSUS Print Shop and \$104.06 at the Post Office.

Beginning Birders: Vicki LeFevers, no report.

Phone Tree: Rosemary Seidler, no report.

Membership: Shirley Huss reported an approximate 135 paid members.

Programs: Larry Raymond reported on the January and February speakers. Keith Kimmerle will speak at the January meeting. Donna Dittman and Steve Cardiff from LSU Museum of Natural Science will speak at the February meeting.

Field Trips: Hubert Hervey went over the upcoming field trips. It has been reported that a **Peregrine Falcon** has been seen at Mallard Bay.

Library: For purposes of community outreach Jim suggested that the club purchase a paperback book entitled, *Introducing Birds to Young Naturalists* at 1.50 each. It was suggested that they could be given to schoolteachers who might be interested in birding. Larry Raymond moved that the club buy 25 books. Mac Hardy seconded the motion. The motion carried.

OTHER BUSINESS

It was suggested that the Club purchase for the library, Species, Age and Sex Identification of Ducks Using Wing Plumage by S. M. Carney for \$23.00. Mac Hardy so moved. Hubert Hervey seconded the motion. The motion carried.

Roy Henderson suggested that Anne Raymond be recognized for her design which was adopted as the Bird Study Group logo. It is formally noted in the minutes of the Bird Study Group of the Shreveport Nature Society appreciation of her talent in the design of the Bird Study Group Logo.

MINUTES OF THE JANUARY MEETING January 14, 1998, 6:57 p.m. Museum of Life Sciences at LSUS

PROGRAM: The speaker was Keith Kimmerly who spoke about **Purple Martin** roosts.

NEW BUSINESS: The board recommended that the club purchase portfolios with the club logo on the cover. These will be given to invited speakers as gifts. The cost for one portfolio is about \$23 and the club plans to purchase about twelve of them. The club members present at the meeting voted to approve the purchase of the portfolios.

COMMITTEE REPORTS

Treasurer's Report: The balance at Hibernia in November, 1997 was \$526.57. Since that time, the club had income of \$586.38 and expenses of \$168.67 resulting in a balance of \$944.28 for December, 1997. There is an additional \$138.54 at the LSUS Print Shop and \$104.06 at the Post Office

Field Trips: Hubert Hervey said that club members will meet at 3:00 p.m. for the owl prowl next Saturday. Members should bring flashlights and wear boots. He said that the Louisiana Ornithological Society has finally set the dates of the winter meeting at February 7, 8, and 9th. He noted that this is the same weekend as the Sandhill Crane outing and asked if the date of that field trip should be changed. The club decided that it should not be changed. Hubert said that the date of the bird banding at Paul Dickson's farm was changed from February 14, to February 28, because Paul would be out of town on the 14th.

Programs: Larry Raymond reported that Steve Cardiff and Donna Dittman will speak at the next meeting. They will talk about documenting rare birds.

Membership: Shirley Huss reported that the club has about 135 members on record. She asked members to check mailing labels and report any

errors to her. Free membership directories were available at the front of the room.

OTHER BUSINESS: Terry Davis spoke to the club about the Cape May Warbler present at Cross Lake and showed photographs of the bird.

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BIRD NOTES – JANUARY

Compiled January 28, 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

		OBSERVERS
Abbreviation	Name	Date and Place
AB	Athie Bell	01/02/98 Shreveport - Residence
BC&TD	Bill Conrad, Jr. & Terry Davis	12/27/97 Hwy. 3049 from Belcher to Arkansas line
BSG	Bird Study Group	01/10/98 Cross Lake at Brewster's Landing and Mallard Bay, 01/17/98 Yearwood Road
BW	Bill Wood	01/04/98 Center of Parish @ McDade
CJ&WJ	Catherine & Wellborn Jack, Jr.	01/01/98 Shreveport - Cross Lake, 01/10/98 Shreveport - Cross Lake
CL	Charles Lyon	01/04/98 Hwy#1,Lock and Dam#5, off-Yearwood Rd., 01/17/98 North side of Cross Lake & Walter Jacobs Park
CL&RB	Charles Lyon & Roger Breedlove	12/14/97 Cross Lake North Shore, 12/14/97 Ramsey Farm on Hwy 71 near 12 Mile Bayou & nearby ponds
CL&SH	Charles Lyon & Susan Holbrook	12/28/97 Yearwood Road, Lock & Dam #5
CL,SD,J,J&KT	C. Lyon, S.Derives, J., J. & K. Trahan	01/01/98 Bickham-Dickson Park, 01/01/98 Cross Lake area
CN	Conner Nicholson	01/04/98 Lake Bistineau
DB	Donna Burney	01/12/98 Shreveport - Residence
GF	Gloria Frantom	01/12/98 Blanchard - Residence
нн&рн	Hubert & Pat Hervey	01/12/98 I-49, 01/12/98 Lock & Dam #4-Red River & Hwy. 505, 01/12/98 Powhatan to Sibley Lake, 01/21/98 Red Bluff Road
HH&TD	Hubert Hervey & Terry Davis	01/16/98 Wallace Lake Dam-Caddo; Yearwood Rd. & Lock & Dam #4
ННо	Helen Hood	12/13/97 Shreveport - Residence, 12/25/97 Shreveport - South Lakeshore Public Boat Launch, 12/31/97 Shreveport - Residence, 01/08/98 Shreveport - Residence
J,J&KT	Jeff, Jean & Kathryn Trahan	01/04/98 McDade, Poole Rd., Clarke's Marina, Loggy Bayou
JÍ &TD	Jim Ingold & Terry Davis	01/01/98 Arthur Ray Teague Parkway, 01/01/98 Shreveport - Hamel's Memorial Park, 01/01/98
		Brewster's Landing and Mallard Bay on Cross Lake, 01/01/98 Clyde Fant Parkway at Jimmie
		Davis Bridge, 01/01/98 Clyde Fant Parkway at Stoner Ave., 01/01/98 I-220 at Benton Road,
		01/01/98 I-220 at Red River, 01/01/98 Shreveport - Hamel's Memorial Park
JT &JT	Jeff & Jean Trahan	11/17/97 Shreveport - Centenary College Campus, 12/07/97 Shreveport - C. Bickham-Dickson Park, 12/07/97 Shreveport - Hamel's Memorial Park, 12/26/97 Brewster's Landing, North Lakeshore Drive, Cross Lake, 12/27/97 Brewster's Landing, North Lakeshore Drive, Cross Lake, 12/27/97 Shreveport - C. Bickham-Dickson Park, 12/30/97 Brewster's Landing, North Lakeshore Drive, Cross Lake, 12/31/97 Shreveport - C. Bickham-Dickson Park, 01/11/98
		Shreveport - 505 Americana Drive
JT,JT&KT	Jeff, Jean & Kathryn Trahan	01/11/98 Lake Bistineau State Park
M&MH	Mac and Marilyn Hardy	01/11/98 Lock and Dam No. 5.
МН	Mac Hardy	01/02/98 Taylortown-Elm Grove-Koran., 01/03/98 Cross Lake at Brewster's Landing, 01/08/98 Cross Lake at Brewster's Landing and Mallard Bay, 01/17/98 Cross Lake at Brewster's Landing, 01/24/98 Cross Lake at Brewster's Landing.
MH&LR	Mac Hardy and Larry Raymond	01/03/98 LA 154 from Elm Grove to LA 157., 01/04/98 BCBCBC: Atkins-Clark Road, 01/04/98 BCBCBC: LA 157 to LA 527., 01/04/98 BCBCBC: Old U.S. hwy. 71 (by RR) to LA 157. 01/04/98 BCBCBC: Willis-Smith Road.
MT	Margo Tuller	12/15/97 Shreveport - University Terrace, 01/07/98 Shreveport - University Terrace, 01/12/98 Shreveport - University Terrace
PD	Paul Dickson	01/04/98 Red River
PL,JH,&SH	P. Lonnecker, J. Haynie, & S. Huss	01/04/98 Yearwood Rd.
PLH	Pat L. Hervey	12/22/97 Stonewall: Hervey Dairy Farm, 12/28/97 Stonewall: Hervey Dairy Farm, 01/10/98 Stonewall: Hervey Dairy Farm, 01/19/98 Stonewall: Hervey Dairy Farm, 01/20/98 Stonewall: Hervey Dairy Farm
RS,VL&ET	R Seidler V LeFevers & F Tinnett	01/11/98 Shreveport - North Lakeshore Drive
T&SD	Terry & Stella Davis	01/04/98 Lock & Dam #5, 12/26/97 Brewster's Landing and Mallard Bay on Cross Lake, 12/26/97 Hwy 71 North Catfish Ponds, 01/04/98 Lock & Dam No. 5, 01/10/98 Bossier City-Residence
ws	Will Smolenski	North Lakeshore Drive - Cross Lake
WS&BH	Will Smolenski & Bill Hall	01/04/98 Loggy Bayou W.L.M.

Common Name	Data
Pied-billed Grebe	01/01/98 CL,SD,J,J&KT 1, 01/01/98 CL,SD,J,J&KT 12, 01/01/98 II&TD 21, 01/04/98 PD 70, 01/04/98 CL 3, 01/04/98 CN 18, 01/04/98 J,J&KT 4, 01/04/98 T&SD
1100 011100 01100	11, 01/04/98 PD 14, 01/10/98 BSG 5, 01/11/98 JT,JT&KT 6, 01/11/98 RS,VL&ET 15, 01/12/98 HH&PH 14, 01/12/98 HH&PH 7, 01/16/98 HH&TD 30, 01/17/98
	CL 8, 12/07/97 TT&TT 3, 12/14/97 CL&RB 2, 12/14/97 CL&RB 12, 12/26/97 TD&SD 4, 12/26/97 TD&SD 4, 12/27/97 JT&JT 1, 12/29/97 JT&JT 4, 12/30/97
Horned Grebe	元& T 3, 12/31/97 元&T 6 01/17/98 CL 1, 12/14/97 CL&RB 15
American White Pelican	01/01/98 CL,SD,J,EKT 1, 01/04/98 PD 12, 01/04/98 PD 278, 01/04/98 CN 1, 01/10/98 BSG 75, 01/10/98 CJ&WJ 44, 01/16/98 HH&TD 3, 01/17/98 CL 30,
	12/14/97 CL&RB 4, 12/28/97 CL&SH 16
Double-crested Cormorant	01/01/98 CL_SD_J,I&KT 2501, 01/01/98 CL_SD_J,I&KT 3, 01/01/98 II &TD 4, 01/01/98 II &TD 3, 01/01/98 II&TD 16, 01/01/98 II &TD 10, 01/01/98 II &TD
	PD 1011, 01/04/98 WS&BH 4, 01/04/98 BW 51, 01/08/98 MH 15, 01/10/98 BSG 539, 01/11/98 M&MH 22, 01/11/98 RS,VL&ET 1, 01/11/98 FT,TT&KT 15,
	01/12/98 HH&PH 60, 01/12/98 HH&PH 300, 01/14/98 WS 15, 01/16/98 HH&TD 50, 01/17/98 MH 1, 01/17/98 CL 1500, 01/17/98 BSG 120, 01/19/98 PLH 3,
	01/20/98 PLH 3, 01/24/98 MH 1, 12/07/97 JT&JT 175, 12/14/97 CL&RB 1, 12/14/97 CL&RB 2001, 12/26/97 TD&SD 300, 12/26/97 TD&SD 2000, 12/26/97 JT&JT 21, 12/27/97 JT&JT 15, 12/28/97 CL&SH 4, 12/29/97 JT&JT 45, 12/30/97 JT&JT 13, 12/31/97 JT&JT 8
Neotropic Cormorant	21, 122/19 11631 15, 122619 CL&SR 4, 122919 11631 45, 123019 11631 15, 123119 11631 6
Anhinga	01/04/98 J,L&KT 1, 01/04/98 PD 3, 01/16/98 HH&TD 1
American Bittern	01/04/98 T&SD 1, 01/04/98 PD 1, 01/04/98 TD&SD 1
Great Blue Heron	01/01/98 JJ&TD 1, 01/01/98 JJ&TD 2, 01/01/98 CL,SD,J,J&KT 10, 01/01/98 CL,SD,J,J&KT 1, 01/03/98 MH&LR 1, 01/04/98 BW 1, 01/04/98 LB 1, 01/04/98 CL 9, 01/04/98 CN 15, 01/04/98 PD 74, 01/04/98 PL,JH,&SH 2, 01/04/98 PD 12, 01/04/98 WS&BH 2, 01/04/98 MH&LR 1, 01/04/98 T&SD 10, 01/08/98 MH 2,
	01/10/98 BSG 3, 01/11/98 M&MH 2, 01/11/98 RS,VL&ET 3, 01/12/98 HH&PH 1, 01/12/98 HH&PH 7, 01/12/98 HH&PH 2, 01/14/98 WS 1, 01/16/98 HH&TD 10,
	01/17/98 CL 3, 01/17/98 BSG 2, 12/07/97 JT&JT 2, 12/14/97 CL&RB 3, 12/14/97 CL&RB 3, 12/22/97 PLH 1, 12/25/97 HHo 1, 12/26/97 TD&SD 4, 12/26/97
Great Egret	JT&IT 1, 12/26/97 TD&SD 2, 12/27/97 BC&TD 6, 12/27/97 JT&JT 1, 12/28/97 CL&SH 6, 12/29/97 JT&JT 2, 12/30/97 JT&JT 3, 12/31/97 JT&JT 1 01/01/98 JJ&TD 2, 01/01/98 JJ&TD 15, 01/01/98 CL,SD,J,J&KT 20, 01/03/98 MH&LR 6, 01/04/98 PL,JH,&SH 3, 01/04/98 T&SD 9, 01/04/98 MH&LR 4, 01/04/98
Cian Dgior	1,J&KT 12, 01/04/98 CN 8, 01/04/98 PD 10, 01/04/98 PD 66, 01/04/98 CL 6, 01/08/98 MH 1, 01/10/98 BSG 1, 01/11/98 M&MH 1, 01/11/98 JT,JT&KT 2, 01/11/98
	RS,VL&ET 4, 01/12/98 HH&PH 1, 01/12/98 HH&PH 13, 01/12/98 HH&PH 6, 01/14/98 WS 2, 01/16/98 HH&TD 20, 01/17/98 BSG 2, 01/17/98 CL 10, 12/07/97
	File T 3, 12/14/97 CL&RB 6, 12/26/97 TD&SD 3, 12/26/97 TD&SD 3, 12/26/97 TD&SD 25, 12/26/97 FI&FT 1, 12/27/97 FI&FT 2, 12/27/97 BC&TD 8, 12/28/97 CL&SH 2, 12/29/97 FI&FT 6, 12/30/97 FI&FT 1, 12/31/97 FI&FT 1
Snowy Egret	01/01/98 CL,SD,JJ&KT 1, 01/04/98 PD 14, 01/04/98 PD 14
Little Blue Heron	01/04/98 PD 2
Tricolored Heron	01/04/98 PD 25, 01/04/98 PD 25
Cattle Egret White Ibis	01/04/98 PD 37, 01/04/98 J,J&KT 19 01/01/98 CL,SD,J,J&KT 16, 01/04/98 PD 33, 01/04/98 J,J&KT 11, 01/04/98 PD 33, 01/12/98 HH&PH 72, 01/16/98 HH&TD 54, 12/14/97 CL&RB 1
Black Vulture	01/01/98 CL,SD,JJ&KT 3, 01/04/98 WS&BH 4, 01/04/98 PD 18, 01/04/98 PL,JH,&SH 1, 01/04/98 PD 2, 01/04/98 JJ&KT 4, 01/04/98 BW 3, 01/11/98 RS,VL&ET
	72, 01/12/98 HH&PH 20, 01/12/98 HH&PH 6, 01/16/98 HH&TD 3, 01/17/98 CL 1, 01/19/98 PLH 12, 12/14/97 CL&RB 6, 12/26/97 TD&SD 1, 12/27/97 JT&JT 10,
Turkey Vulture	12/27/97 BC&TD 3, 12/28/97 PLH 8, 12/30/97 JT&JT 1 01/01/98 JJ&TD 1, 01/01/98 JJ&TD 1, 01/01/98 CL,SD,JJ&KT 6, 01/01/98 CL,SD,JJ&KT 2, 01/04/98 PD 49, 01/04/98 WS&BH 15, 01/04/98 MH&LR 1, 01/04/98
Turkey Vulture	TaSD 5, 01/04/98 CN 3, 01/04/98 J, J&KT 7, 01/04/98 CL 2, 01/04/98 PL, JH, &SH 9, 01/04/98 MH 1, 01/10/98 BSG 3, 01/11/98 RS, VL&ET 4, 01/11/98 J, JKKT 7, 01/04/98 CD 2, 01/04/98 PL, JH, &SH 9, 01/04/98 MH 1, 01/10/98 BSG 3, 01/11/98 RS, VL&ET 4, 01/11/98 J, JKKT 7, 01/04/98 CD 2, 01/04/98
	2, 01/12/98 HH&PH 16, 01/12/98 HH&PH 18, 01/16/98 HH&TD 22, 01/17/98 CL 2, 01/17/98 BSG 2, 01/19/98 PLH 3, 12/14/97 CL&RB 15, 12/14/97 CL&RB 1,
Courter White Courted Court	12/26/97 TD&SD 5, 12/27/97 JT&JT 1, 12/27/97 BC&TD 20, 12/28/97 PLH 2, 12/28/97 CL&SH 6, 12/29/97 JT&JT 2, 12/30/97 JT&JT 1, 12/31/97 JT&JT 1 01/04/98 PD 18, 01/12/98 HH&PH 50
Greater White-fronted Goose Snow Goose	01/04/98 PD 3, 01/04/98 PD 2, 01/16/98 PD 4, 01/16/
Wood Duck	01/04/98 T&SD 5, 01/04/98 PD 18, 01/04/98 BW 7, 01/04/98 PL,JH,&SH 12, 01/04/98 PD 119, 01/04/98 CL 13, 01/10/98 BSG 1, 01/12/98 HH&PH 2, 01/16/98
a in the	HH&TD 1, 01/1798 BSG 8, 12/07/97 JT&JT 2, 12/14/97 CL&RB 12, 12/28/97 CL&SH 4
Green-winged Teal	01/04/98 PD 22, 01/04/98 PD 163, 01/04/98 CL 6, 01/16/98 HH&TD 12, 01/17/98 BSG 30, 12/14/97 CL&RB 2, 12/26/97 TD&SD 3, 12/27/97 BC&TD 2, 12/28/97 CL&SH 4
Mallard	01/01/98 CL, SD, J, J&KT 2, 01/04/98 J, J&KT 23, 01/04/98 PD 141, 01/04/98 BW 4, 01/04/98 CL 608, 01/04/98 T&SD 11, 01/04/98 CN 6, 01/04/98 PD 979,
	01/04/98 PL,JH,&SH 4, 01/04/98 WS&BH 3, 01/10/98 BSG 2, 01/11/98 RS,VL&ET 3, 01/12/98 HH&PH 20, 01/12/98 HH&PH 80, 01/16/98 HH&TD 36, 01/17/98
Northern Pintail	BSG 4, 01/17/98 CL 2, 12/14/97 CL&RB 6, 12/14/97 CL&RB 8, 12/25/97 HHo 6, 12/26/97 TD&SD 1, 12/28/97 CL&SH 260 01/04/98 PD 11, 01/04/98 PD 29, 01/04/98 CL 18, 01/10/98 BSG 7, 01/12/98 HH&PH 20
Blue-winged Teal	01/04/98 J.J&KT 2, 01/04/98 PD 2
Northern Shoveler	01/04/98 PD 164, 01/04/98 J.J&KT 9, 01/04/98 PD 1, 01/04/98 CL 37, 01/04/98 PL J.H.&SH 1, 01/12/98 HH&PH 4, 01/12/98 HH&PH 5, 01/16/98 HH&TD 61,
Gadwall	01/17/98 CL 2, 01/17/98 BSG 40, 12/14/97 CL&RB 5, 12/26/97 TD&SD 14, 12/27/97 BC&TD 30, 12/28/97 CL&SH 31 01/04/98 PD 1532, 01/04/98 CL 200, 01/04/98 BW 12, 01/04/98 PD 66, 01/04/98 T&SD 5, 01/11/98 M&MH 25, 01/12/98 HH&PH 2, 01/16/98 HH&TD 4, 01/17/98
Gatwaii	BSG 25, 01/17/98 CL 6, 12/14/97 CL&RB 7, 12/14/97 CL&RB 4, 12/26/97 TD&SD 5, 12/26/97 TD&SD 2, 12/27/97 BC&TD 88, 12/28/97 CL&SH 80
American Wigeon	01/04/98 CL 13, 01/04/98 PD 44, 01/04/98 PD 505, 01/12/98 HH&PH 26, 01/16/98 HH&TD 8, 12/27/97 BC&TD 1, 12/28/97 CL&SH 6
Canvasback	01/01/98 J&TD 9, 01/04/98 PD 150, 01/04/98 PD 150, 01/10/98 BSG 25, 01/11/98 RS,VL&ET 16, 01/17/98 CL 200, 12/14/97 CL&RB 1, 12/14/97 CL&RB 50 12/26/97 TD&SD 12, 12/26/97 TD&SD 1
Redhead	1/2/09/10/2011/2, 1/2/09/10/2011 01/01/09 CL,SD,JJ&KT 2, 1/2/1497 CL&RB 55, 12/26/97 TD&SD 81
Ring-necked Duck	01/01/98 JL&TD 5, 01/04/98 PD 200, 01/04/98 PD 233, 01/04/98 J.J&KT 3, 01/10/98 BSG 6, 01/11/98 RS,VL&ET 2, 01/12/98 HH&PH 2, 01/12/98 HH&PH 16,
Greater Scaup	01/16/98 HH&TD 175, 01/17/98 CL 2, 12/14/97 CL&RB 10, 12/26/97 TD&SD 77, 12/26/97 TD&SD 2, 12/27/97 JT&JT 1, 12/28/97 CL&SH 1 01/01/98 CL,SD,J,B&KT 8, 01/16/98 HH&TD 1, 01/17/98 CL 1, 12/14/97 CL&RB 2, 12/26/97 TD&SD 4
Lesser Scaup	01/01/98 CL_SD_J&KT 20, 01/01/98 CL_SD_J&KT 3, 01/04/98 CL 11, 01/04/98 T&SD 6, 01/04/98 PD 6260, 01/04/98 CN 618, 01/10/98 BSG 7, 01/11/98
•	JT,JT&KT 5, 01/12/98 HH&PH 105, 01/12/98 HH&PH 5, 01/12/98 HH&PH 2, 01/16/98 HH&TD 30, 01/17/98 CL 25, 12/14/97 CL&RB 20, 12/14/97 CL&RB 10,
0	12/26/97 TD&SD 25, 12/27/97 BC&TD 1, 12/29/97 JT&JT 3
Common Goldeneye Bufflehead	01/04/98 CL 1, 01/04/98 PD 2, 01/04/98 PD 1 01/01/98 CL,SD,J,J&KT 10, 01/04/98 CD 3, 01/04/98 PD 3, 01/10/98 BSG 24, 01/11/98 RS,YL&ET 3, 01/17/98 CL 4, 12/14/97 CL&RB 20, 12/25/97 HHo 2,
	12/26/97 TD&SD 21
Hooded Merganser	12/14/97 CL&RB 105, 12/26/97 TD&SD 6 01/01/98 CL_SD_J&KT 200, 01/01/98 J&TD 1, 01/04/98 T&SD 58, 01/04/98 PD 1550, 01/04/98 PD 1790, 01/04/98 CL 1, 01/04/98 CN 112, 01/08/98 MH 21,
Ruddy Duck	01/10/98 EL_SU_JAKAT 200, 01/01/99 JIRZI D. 1, 01/04/98 IRZSD 38, 01/04/98 FLD 1530, 01/0
	TD&SD 2, 12/26/97 TD&SD 5, 12/29/97 JT&JT 1
Bald Eagle	01/01/98 CL,SD,J,I&KT 1, 01/01/98 CJ&WJ 2, 01/01/98 JI&TD 1, 01/04/98 MH&LR 1, 12/28/97 CL&SH 1 01/02/98 MH 1, 01/03/98 MH&LR 1, 01/04/98 BW 4, 01/04/98 PD 1, 01/04/98 PL,IH,&SH 5, 01/04/98 T&SD 2, 01/04/98 CL 3, 01/04/98 MH&LR 2, 01/04/98
Northern Harrier	01/02/29 MM 1, 01/03/29 MM 1, 01/03/29 MM 2, 01/03/
	12/27/97 BC&TD 6, 12/28/97 CL&SH 1
Sharp-shinned Hawk	01/01/98 CL,SD,J,&KT 1, 01/01/98 CL,SD,J,&KT 1, 01/01/98 J&TD 1, 01/04/98 J,B&KT 1, 01/04/98 WS&BH 1, 01/12/98 HH&PH 1, 01/12/98 HH&PH 1,
Cooper's Hawk	01/17/98 CL 1, 01/17/98 BSG 1, 12/26/97 TD&SD 1, 12/27/97 BC&TD 1 01/01/98 Jl&TD 1, 01/03/98 MH&LR 1, 01/04/98 PD 1, 01/04/98 CL 1, 01/10/98 BSG 1, 01/12/98 HH&PH 1, 01/17/98 BSG 1, 12/27/97 BC&TD 1, 12/28/97 PLH 1
Red-shouldered Hawk	01/01/98 CL.SD.J.&KT 1, 01/03/98 MH 1, 01/04/98 MH&LR 1, 01/04/98 PL.JH,&SH 2, 01/04/98 MH&LR 1, 01/04/98 CN 1, 01/04/98 J.J&KT 5, 01/04/98 BW 1,
	01/08/98 MH I, 01/10/98 BSG 3, 01/11/98 RS, VL&ET 1, 01/17/98 CL 1, 12/14/97 CL&RB 1, 12/26/97 TD&SD 1, 12/30/97 TT&JT 1, 12/31/97 TT&T 1
Red-tailed Hawk	01/01/98 J&TD 1, 01/01/98 J&TD 1, 01/01/98 J&TD 2, 01/01/98 CL,SD,J,J&KT 2, 01/02/98 MH 3, 01/03/98 MH&LR 4, 01/04/98 MH&LR 6, 01/04/98 CL 11, 01/04/98 BW 6, 01/04/98 PD 5, 01/04/98 J,&KT 8, 01/04/98 PL,JH,&SH 8, 01/04/98 T&SD 2, 01/04/98 MH&LR 3, 01/04/98 WS&BH 3, 01/04/98 TD&SD 2,
	01/10/98 BSG 1, 01/11/98 RS, VL&ET 1, 01/12/98 HH&PH 6, 01/12/98 HH&PH 2, 01/12/98 HH&PH 7, 01/16/98 HH&TD 26, 01/17/98 BSG 19, 01/17/98 CL 1,
	12/14/97 CL&RB 4, 12/27/97 BC&TD 8, 12/28/97 CL&SH 5
American Kestrel	01/01/98 CL,SD,J,J&KT 1, 01/01/98 CL,SD,J,J&KT 1, 01/01/98 J&TD 2, 01/04/98 MH&LR 1, 01/04/98 BW 2, 01/04/98 MH&LR 1, 01/04/98 CL,SD,J,J&KT 4, 01/04/98 MH&LR 1, 01/11/98 M&MH 1, 01/12/98 HH&PH 4, 01/12/98 HH&PH 10, 01/12/98 HH&PH 5,
	PL, JH,&SH 5, 01/04/98 PD 1, 01/04/98 JJ&K1 4, 01/04/98 MH&LK 1, 01/11/98 MAWH 1, 01/12/98 HH&PH 4, 01/12/98 HH&PH 10, 01/12/98 HH&PH 3, 01/12/98 HH&PH 10, 01/12/99 HH&PH 10, 01/12/98
Northern Bobwhite	01/04/98 PD 1
Sora Cont	01/04/98 T&SD 4 01/01/98 CL,SD,J,J&KT 150, 01/01/98 I&TD 210, 01/03/98 MH 20, 01/04/98 T&SD 250, 01/04/98 CL 103, 01/04/98 PL,JH,&SH 40, 01/04/98 J,J&KT 75,
American Coot	01/01/98 CL,SD,J,J&KT 150, 01/01/98 JL&TD 210, 01/03/98 MH 20, 01/04/98 T&SD 250, 01/04/98 CL 103, 01/04/98 PL,JH,&SH 40, 01/04/98 BJ,J&KT 75, 01/04/98 CL 103, 01/04/98 PL,JH,&SH 40, 01/04/98 BJ,J&KT 75, 01/04/98 CL 103, 01/04/98 PL,JH,&SH 40, 01/04/98 BJ,J&KT 75, 01/04/98 JT,JT&KT 95, 01/11/98 RS,VL&ET 2, 01/12/98 HH&PH 390
	01/12/98 HH&PH 300, 01/12/98 HH&PH 70, 01/14/98 WS 27, 01/16/98 HH&TD 300, 01/17/98 CL 350, 12/14/97 CL&RB 200, 12/25/97 HHo 5, 12/26/97 TD&SD
	250, 12/26/97 TT&IT 33, 12/27/97 BC&TD 5, 12/27/97 TT&IT 20, 12/28/97 CL&SH 50, 12/30/97 JT&JT 30

Context Yellowings Context	Common Name	Data
Carbon (1996) Applications of the common states of		
120997 TERED 1, 120997 TERED 1, 120997 TERED 1, 120997 TERED 10, 120997 TERED 11, 120997	Killder	
Common Number		
Speed Studies	Greater Yellowlegs	
Complete		
Comment inspired Comment of State Co. (1996) PLAST T. (1996) PLAST C. (1996) P		
Findatin Gell 00.0499 C. L. 122097 C.ASH 10.0000 P.D. 2.00009 RED 10.0000 P.D. 2.00009 C.S. 2.01709 C.S. 2.01709 RSG 1, 2014097 C.ASH 201200 P.D. 2.00009 P.D. 2	Common Snipe	01/01/98 IL&TD 1, 01/04/98 J,J&KT 237, 01/04/98 CL 168, 01/04/98 PD 2, 01/16/98 HH&TD 95, 12/14/97 CL&RB 5, 12/26/97 TD&SD 5
Monagement call		
1026997 TIMESD 1, 122997 CLASSIT 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	Franklin's Gull	
Rispect	Bonaparte's Gull	
JARCT 1, 01/009 BBG 5, 001/09 RSVLAET 1, 01/199 TITEMET 1, 01/099 BBG 1, 201/09 BBG 1, 200/07 TIASD 1, 12/097 TIASD 1, 12/09		
TREFT 1, 104097 CLASS 100, 120097 TRASTO 1, 20099 TRAST 1, 120097 TRAST 1, 120099 TRAST 1,	Ring-billed Gull	
Reming Coll From Total Control Co. (1997) TRATE 19 (1997) TRATE 50 From Total Control Co. (1997) C. (1997)		
Storming Cold		
Rosem's Tem Display (L.S.), J.L.S.ECT 10, 000409 J.L.S.CT 11, 000409 T.S.D. 20, 000409 J.L.S.CT 11, 000409 T.S.D. 20, 000409 J.L.S.CT 11, 000409 T.S.D. 20, 000409 J.L.S.CT 11, 000409	Herring Gull	
121497 CLARS 1,22697 TRASD 1,22697 TRASD 1,02697 TRASD		
Road-Dove 0.001998 JABAT 10, 0.001998 CLSD.JABAT 20, 0.010998 CLSD.JABAT 20, 0.010998 MARELE 8, 0.001999 CLS, 0.000498 TASD 12, 0.010998 MARELE 8, 0.010999 CLSD.JABT 20, 0.010998 MARELE 8, 0.010998 JABT 10, 0.010999 CLSD.JABT 20, 0.010998 MARELE 8, 0.010998 JABT 10, 0.010999 CLSD.JABT 20, 0.010998 MARELE 8, 0.010998 JABT 20, 0.010998 MARELE 8, 0.010998 JABT 20, 0.010998 MARELE 8, 0.010998 MARELE	1 010001 0 1 0111	
Jake T. 47, 010769 W. 16, 010699 Mile D. 011099 BSC4, 011109 BSC4, 011109 BSC4, 011109 MSC1 TAS 12, 011209 TAS 15, 122097 CT TAS 15, 122	Rock Dove	
Mourning Drove		
Colono C. L. d. (0.0409 MARLE S. 9. (0.0409 LAKET 2. (0.0709 MS S. 9. (0.1709 RS S. V.LERT 3. (0.1709 HEAPT 1. 0.1709 PS DE 2. (0.1709 MS DE 3. (0.1709 PS DE		
Billion Control Cont	Mourning Dove	
Desire Service-Overline General Control General Face Service-Overline General Face Service-Overline General Face Service-Overline General Face Service-Overline General Face Service Service General Face S		
December Control Con		
Great Homes Owl Filtered Owl		
Biered Owl		
Debed Kingisher		
Onlogo BSG (, 0/11/99 HZ/TEXT 2, 0/11/99 MEMELT 2, 0/11/99 HEAPT 1, 12/07/97 TEXT 1, 12/14/97 CEARS 1, 12/26/97 TEXES 1). Rel-kedided Woodpecker Rel		0104956 MIRKER 2, 0104956 3,56KR 1, 0171756 5502 2, 121497 (CARD 2
Red-headed Woodpecker Red-headed	Doug Killikrisher	
10.10398 MIEER 10.10498 CL. 10.10498 LAST 12.10497 CL. 10.1048 LAST 10.10498 LAST 10.10499 LAST		
OLIVIS CL.SD.JAKT 2, 010199 IL RETD 1, 010199 IL RETD 2, 010199 IL RETD 2, 010199 IL RETD 2, 010299 IL RETD 3, 010299	Red-headed Woodnecker	1/1/3/98 MHEAL R 1 0/1/04/98 CL 3 0/1/04/98 LJ J&KT 4 12/14/97 CL&RB 1
TESD 8, 010498 CL 19, 010498 MERER 4, 010499 FD 6, 010498 WREBIT 2, 010499 MERER 8, 010499 BL 40, 010499 FL 201099 MERER 9, 010499 FL 2011 201099 FL 2011 20		01/01/98 CL.SD.J.I&KT 2. 01/01/98 IJ &TD 1. 01/01/98 IJ&TD 2. 01/01/98 CL.SD.J.I&KT 1. 01/01/98 IJ&TD 2. 01/04/98 PL.IH.&SH 4. 01/04/98
OLOTION W.S. 1, OLOROPS M.H. 1, OLOROPS H.H. 1, UNITON FILTER, T. 4, OLOROPS H.H. 1, UNITON FILTER, T. 1, UNITON FILTRE, T. 1, UNITON FILTER, T. 1, UNITON FILTRE, T. 1, UNITON	rea-center woodpasses	
Hilar DB, 0,017/98 CL, 4,017/98 PLH, 1,012/99 PLH, 1,027/99 PLBCH, 1,027/99 PCRCH, 1,027/99 PC		
122997 TAETT, 122997 TAETT, 122997 TAETT, 122997 TAETT, 101098 MILEAR SQUINGS TAESD 2, 010498 TAESD 2, 010498 MILEAR SQUINGS MILEAR SQUINGS TAESD 1, 010498 MILEAR SQUINGS MILEAR SQUING		
Vallow-bellied Sapsucker Oli/19/8 IRETD 1, 01/03/98 M811, 01/04/98 M112 M512 N, 01/04/98 M812 N, 01/04/98 M112 N, 01/04/98 M812 N, 01/04/98 M112 N, 01/04/98 N, 0		12/22/97 PLH 1, 12/26/97 JT&JT 2, 12/26/97 TD&SD 3, 12/26/97 TD&SD 5, 12/27/97 BC&TD 4, 12/27/97 JT&JT 1, 12/28/97 CL&SH 2, 12/28/97 PLH 2,
MHALE J, 0,10498 WS&BH J, 0,10498 PD S, 0,10498 TD&SD J, 0,10498 BSG J, 0,10198 JT,TEKET J, 0,10298 HHAPH J, 0,10198 HHAPH J, 0,10198 HHAPB S, 1,22697 TDASD J, 1,27297 TDAST J, 1,20199 TREAT J, 0,10498 MHALE J, 0,10498 PD S, 0,10498 CL S, 0,10498 TDASD S, 0,0498 TASD S, 0,0498 TASD S, 0,0498 TASD S, 0,0498 TASD S, 0,0498 PL J, 1,2049 TDASD S, 0,0498 MHALE J, 0,10498 PL J, 1,20497 TDASD S, 0,0498 S, 0,0498 TASD S, 0,0498 PL J, 1,2049 TDASD S, 0,0498 MHAP S, 0,0498 PL J, 1,2049 TDASD S, 0,0498 PL J, 1,20497 TDASD S, 1,22697 TDASD		12/29/97 JT&JT 2, 12/30/97 JT&JT 1, 12/31/97 HHo 1, 12/31/97 JT&JT 1
HHATT D, 01/1998 PLH, 1, 01/2098 PLH, 1, 01/2098 PLH, 1, 01/2098 PLH, 1, 11/2497 CLRRB 5, 12/2697 TRAST 1, 12/2699 TRAST 1, 10/2098 WS&BH 3, 01/2098 WS&BH 3, 01/2098 BLSD 3, 01/2098 BL	Yellow-bellied Sapsucker	01/01/98 JL&TD 1, 01/03/98 MH 1, 01/04/98 MH&LR 1, 01/04/98 MH&LR 6, 01/04/98 T&SD 2, 01/04/98 CL 11, 01/04/98 BW 3, 01/04/98 JJ&KT 3, 01/04/98
Downy Woodpecker		
Downy Woodpecker		HH&TD 2, 01/19/98 PLH 1, 01/20/98 PLH 1, 01/21/98 HH&PH 1, 12/14/97 CL&RB 5, 12/26/97 JT&JT 1, 12/26/97 TD&SD 1, 12/27/97 JT&JT 1, 12/30/97 JT&JT
Olicyles J.LEKT 3, 01/0498 MHELE 4, 01/1098 BSG 2, 01/1198 T.J.TEKT 1, 01/1298 T.S. 1/12097 TIDES 1, 1/120		
01/1798 CL. 1, 01/998 PLH. 1, 01/2098 PLH. 1, 12/0797 TLRT 1, 12/2997 TLRSD 1, 12/2697 TDRSD 3, 12/2697 TDRSD 3, 12/2697 TDRSD 1, 12/2797 TLRSD 1, 10/10/99 SLEET 1, 01/10/99 SLEET 3, 01/10/99 SLEET 3, 01/10/99 SLEET 1, 01/10/99 SLEET 3, 01/10/9	Downy Woodpecker	01/01/98 /T&TD 1, 01/01/98 CL,SD,J,T&KT 1, 01/03/98 MH 1, 01/04/98 MH&LR 1, 01/04/98 PD 4, 01/04/98 CL 11, 01/04/98 W&BH 3, 01/04/98 T&SD 3,
Hairy Woodpecker Northern Flicker 1,122797 EGETD 2, 122797 TRETT 1, 122997 TRETT 1, 122997 TRETT 1, 122997 TRETT 1, 1010998 WS&BH 3, 0,10498 WS&BH 3, 0,10498 TRED 1, 01010998 IRATD 1, 01010998 IRATD 1, 01010998 JLAETD 1, 01010998 JLAET		
Hairy Woodpecker 01/12/98 HH&PH I, 0/11/98 HH&PT I, 0/10/98 JLEKT 3, 0/10/98 CL 6, 0/10/98 MH&LR 2, 0/10/98 WS&BH 3, 0/10/98 TESD 3, 0/10/98 CN 1, 0/10/98 PD 7, 0/10/98 MH&LR 1, 0/10/98 PD 1, 0/10/98 JLEKT 3, 0/10/98 JLEXT 3, 0/10/98		
Northern Flicker O10198 JRET D. 0.010/98 ILER D. 0.104/98 CL. 6, 0.104/98 MELL R. 2, 0.104/98 MS2BH 3, 0.104/98 TAS D. 3, 0.104/98 CL. 6, 0.104/98 MS2BH 3, 0.104/98 TAS D. 3, 0.104/98 CL. 6, 0.104/98 MS2BH 2, 0.104/98 TAS D. 3, 0.104/98 CL. 3, 0.104/98 MS2BH 2, 0.104/98 MS2BH 2, 0.104/98 MS2BH 3, 0.104/98 CL. 3, 0.104/98 MS2BH 2, 0.104/98 MS2BH 3, 0.104/98 CL. 3, 0.104/98 MS2BH 3,	W-i	
PD 7, 0/04/98 MHALE I, 0/10/98 HILAPIT 2, 0/17/98 GT 1, 0/16/98 HILAPIT 1, 0/17/98 CLT 3, 0/17/98 CLT 3, 0/17/98 CLT 3, 0/17/98 CLT 1, 12/26/97 TASAS 1, 0/16/98 MHALE I, 0/16/9		
CLERB 2, 122697 TD&SD 1, 122697 TD&SD 1, 122697 TD&SD 1, 122699 TD&SD 2, 010498 MH&LR 3, 010499 MH&LR 3, 010	Northern Flicker	01/01/96 7/82 10 1, 01/01/96 1/82 10 1, 01/04/96 1/82 1, 01/04/96 1/82 1, 01/04/96 1/82 10 1, 01/04/96 1/82 10 1, 01/04/96 1/82 10 1, 01/04/96 1/82 10 1, 01/04/96 1/82 10 1, 01/04/96 1/82 10
Pielated Woodpecker		
Eastern Phoche 01/17/99 CL. , 12/26/97 TD&SD , 12/27/97 TR&TT , 12/19/7 L&TT 01/07/98 LM , 01/04/98 CL. 3, 01/04/98 MA , 01/04/98 LM , 01/04/98 LM , 01/04/98 LM 10/14/98 CL. 3, 01/04/98 MH&LR	Pileated Woodpecker	01/04/98 WS&BH 1, 01/04/98 JJ&KT 2, 01/04/98 CN 4, 01/04/98 MH&LR 1, 01/04/98 MH&LR 1, 01/10/98 BSG 3, 01/11/98 JTJT&KT 1, 01/17/98 MH 1,
Eastern Phoche 01/03/98 MH I, 01/04/98 CL 3, 01/04/98 PM, 4, 01/04/98 PL, HE, SH I, 01/04/98 PL, ME, SH II 12, 01/04/98 MH, II 1, 01/04/98 CL 3, 01/04/98 MH, II 2, 01/04/98 MH, II		01/17/98 CL 1, 12/26/97 TD&SD 1, 12/27/97 JT&JT 1, 12/31/97 JT&JT 1
TD&SD 2, 01/04/98 MH&LR 3, 01/04/98 MH&LR 3, 01/04/98 MH&LR 2, 01/04/98 HH&TD 6, 01/17/98 CL 3, 12/04/97 TX&T 1, 12/14/97 CL&RB 2, 12/22/97 PLH 3, 12/22/97 PLH 2, 12/22/97 PLH 3,	Eastern Phoebe	01/03/98 MH 1, 01/04/98 CL 3, 01/04/98 PD 4, 01/04/98 BW 3, 01/04/98 PL,JH,&SH 1, 01/04/98 WS&BH 12, 01/04/98 J,J&KT 3, 01/04/98 T&SD 3, 01/04/98
Dioliys fi ATD 1, 0101/98 IA ATD 1, 0101/98 (LS, SD, JAKT 2, 0104/98 CL, SD, JAKT 1, 01/03/98 MHĀLR, 2, 0104/98 MHĀLR, 2, 0104/98 PM 2, 0104/98 BM 11, 0104/98 CL, 0104/94 PM 2, 0104/98 PM 2, 0104/		TD&SD 2, 01/04/98 MH&LR 3, 01/04/98 MH&LR 3, 01/10/98 BSG 1, 01/12/98 HH&PH 1, 01/16/98 HH&TD 6, 01/17/98 CL 3, 12/07/97 JT&JT 1, 12/14/97
Oli/Algo S Milaler 1, 01/04/98 CN 1, 01/04/98 PD 2, 01/04/98 BW 11, 01/04/98 LT 8, 01/04/98 ED 2, 01/12/98		
Hispart 1,011/698 Histar 10, 01/17/98 BSG 5, 127/497 CL&RB 2, 1272/97 PLB 2, 1272/697 TO&SD 1, 1272/97 BC&TD 14, 1272/897 CL&SB 15	Loggerhead Shrike	
Blue-headed Viroo		
Blue Jay		
13, 01/04/98 T&SD 6, 01/04/98 TWS 0, 01/04/98 TWS 2, 01/04/98 TWS 2, 01/04/98 WS 2, 01/04/98 WS 2, 01/04/98 WS 2, 01/04/98 MH 2, 01/04/98 MS		01/04/98 MH&LR 1, 01/10/98 BSG 1, 01/11/98 J1 & J1 1, 01/1/98 CL 1
01/07/98 WS, 6, 01/08/98 MHAET 9, 01/17/98 BGS 2, 01/19/98 LCZ, 20 1/11/98 RCZ, 20 1/11/98 RCZ	Blue Jay	01/01/98 11 & TD 1, 01/01/98 11& TD 3, 01/01/98 CL_SD_J_J&K 1 2, 01/01/98 CL_SD_J,ÆK 1 1, 01/02/98 AB 3, 01/03/98 MH 1, 01/04/98 DC 27, 01/04/
Olf-698 HH&TD 9, 01/17/98 BSG 4, 01/17/98 CL 2, 01/19/98 PLH 2, 01/27/98 FLH 1, 12/27/97 HEAT 1, 12/10/97 IT&T 3, 12/14/97 CL&RB 1, 12/26/97 TD&SD 5, 12/27/97 BC&TD 3, 12/27/97 BC&TD 3, 12/28/97 ELH 1, 12/28/97 PLH, 12/21/97 HHM 1 Olf-01/98 CL, SD, J&KT 5, 01/01/98 BCL SD, 13/28/97 CL&RB 1, 12/28/97 ELH 1, 12/21/97 HHM 1 Olf-01/98 CL, SD, J&KT 5, 01/01/98 BCL 15, 01/01/98 BCD 1, 01/02/98 MH 25, 01/03/98 MH&LR 3, 01/04/98 BU 198, 01/04/98 LJ&KT 35, 01/04/98 PLH 4, 01/10/98 BGC 6, 01/17/98 RS, VL&ET 5, 01/12/98 HH&PH 12, 01/12/98 DB 5, 01/17/98 BGG 5, 01/17/98 BGG 5, 01/17/98 CL 15, 01/12/98 HH&PH 2, 01/12/98 HH&PH 12, 01/12/98 DB 5, 01/12/98 HH&PH 2, 01/12/98 HH&PH 12, 01/12/98 HH&PH 12, 01/12/98 HH&PH 12, 01/12/98 HH&PH 13, 01/24/98 MH 2, 12/07/97 T&T 6, 12/14/97 CL&RB 5, 12/14/97 CL&RB 5, 12/14/97 CL&RB 5, 01/12/98 BGG 5, 01/17/98 BGG 5, 01/17/98 BCL 5, 01/12/98 PLH 3, 01/24/98 HH 2, 12/07/97 T&T 6, 12/14/97 CL&RB 1 01/04/98 MH&LR 35, 01/04/98 CL 5, 01/04/98 BW 2, 01/12/98 HH&PH 18, 12/14/97 TL&RB 1 1, 12/14/97 CL&RB 1 01/04/98 HH&PH 2, 01/04/98 HH&PH 3,		13, UNIVERS 18-22 OF STATEMENT OF THE ST
American Crow TD&SD 5, 12/27/97 Bc&TD 3, 12/27/97 JT&TT 3, 12/28/97 CL&SH 2, 12/28/97 FP.H 1, 12/31/97 HH6 1 O10/198 CL.SD, 1/&KT 5, 0.10/198 KT, 5, 0.10/198 KH 25, 0.10/398 MH 25, 0.10		01/16/08 HTLETD 0 01/17/08 RSG 4 01/17/08 CT 2 01/19/08 PIH 2 01/20/08 PIH 2 01/20/08 HTLETD 1 12/07/07 TTLETT 3 12/14/07 CTLERB 1 12/26/07
American Crow O1/01/98 CL, SD, J, J&KT 5, O1/01/98 (LS, D), J&KT 5, O1/01/98 JPL, PI, L&SH 36, O1/04/98 BV 29, O1/04/98 LPL 5, O1/04/98 TAS D1, O1/04/98 MH2LR 3, O1/04/98 DPL 5, O1/04/98 MH2LR 13, O1/04/98 MH2LR 3, O1/04/98 DPL 5, O1/04/98 MH2LR 13, O1/04/98 MH2, O1/04/98 MH2LR 13, O1/04/98 MH2, O1/04/98 MH2LR 13, O1/04/98 MH3, O1/04/98 MH3		
PL_JH_&SH 136, 01/04/98 T&SD 16, 01/04/98 WS&BH 138, 01/04/98 CL 56, 01/04/98 MH&LR 3, 01/04/98 MH&LR 5, 01/04/98 WS&BH 138, 01/04/98 BCC 5, 01/10/98 BLT, 01/12/98 HH&PH 2, 01/12/98 HH&PH 2, 01/12/98 HBP 12, 01/12/98 HBP 13, 01/12/98 HBP 14, 01	American Crow	01/01/98 CL SD LI&KT 5 01/01/98 CL SD LI&KT 5 01/01/98 II&TD 1 01/02/98 MH 25 01/03/98 MH&LR 3 01/04/98 BW 198 01/04/98 LJ&KT 35 01/04/98
MH&LR 5, 0107/98 WS 2, 01/08/98 MH 4, 01/10/98 BLS 6, 10/11/98 RC 15, 01/12/98 HH&PH 2, 01/12/98 HH&PH 12, 01/12/98 HH&PH 12, 01/10/98 BLS 5, 01/11/98 CL 15, 01/12/98 HH&PH 2, 01/12/98 HH&PH 12, 01/12/98 HH&PH 13, 01/12/99 TC L&RB 5, 12/14/97 CL&RB 5, 12/14/97 CL&RB 50, 12/22/97 PLH 3, 12/26/97 TD&SD 10, 12/27/97 BC&TD 75, 12/28/97 CL&SH 15 01/04/98 MH&LR 35, 01/04/98 CL 10, 01/16/98 HH&PT 03, 01/12/98 HH&PH D 8, 12/14/97 CL&RB 1 01/01/98 LT, 01/04/98 LT, 01/04/98 LT, 01/04/98 LT, 01/04/98 HH&PT 03, 01/04/98 BLB, 01/04/98 LT, 01/04/98 LT, 01/04/98 HH&PT 03, 01/04/98 BLB, 01/04/98 LT, 01/04/98 HH&PT 04, 01/04/98 HH&PT 03, 01/04/98 HB&PT 04, 01/04/98 MB&LR 14, 01/04/98 WS&BH 16, 01/07/98 WS, 01/04/98 LT, 01/04/98 PLH 3, 01/04/98 PLH 3, 01/04/98 LT, 01/0		PL IH &SH 36. 01/04/98 T&SD 16. 01/04/98 CN 21. 01/04/98 WS&BH 38. 01/04/98 CL 66. 01/04/98 MH&LR 35. 01/04/98 PD 5. 01/04/98 MH&LR 13. 01/04/98
01/12/98 HH&PH 22, 01/16/98 HH&TD 65, 01/17/98 BSG 56, 01/17/98 CD 15, 01/19/98 PLH 3, 01/24/98 MH 2, 12/07/97 T&T 6, 12/14/97 CL&RB 5, 12/14/97 CL&RB 6, 01/04/98 CD 1, 12/22/97 PLATE T, 5, 12/27/97 BC&TD 75, 12/28/97 CL&RB 1 10/04/98 MH&LR 35, 01/04/98 CD 10, 01/16/98 HH&TD 38, 01/17/98 BSG 56, 12/27/97 BC&TD 75 Carolina Chickadee 10/04/98 MH&LR 35, 01/04/98 CD 10, 01/16/98 HH&TD 38, 01/17/98 BSG 56, 12/27/97 BC&TD 75 Carolina Chickadee 10/04/98 MH&LR 4, 01/04/98 PD 4, 01/04/98 HB&TD 38, 01/17/98 BSG 56, 12/27/97 BC&TD 75 RS,VL&ET 1, 01/12/98 DB 2, 01/12/98 GP 2, 01/14/98 WS 2, 01/04/98 WS 2, 01/04/98 WS 2, 01/04/98 WS 1, 01/04/98 PLH 4, 01/10/98 BSG 9, 01/11/98 RS,VL&ET 1, 01/12/98 DB 2, 01/12/98 GP 2, 01/14/98 WS 2, 01/04/98 WS 2, 01/04/98 WS 2, 01/04/98 WS 1, 12/26/97 TD&SD 4, 12/26/97 TD&SD 8, 12/27/97 BC&TD 5, 12/27/97 JT&TT 3, 12/28/97 CL&SH 1, 12/28/97 PLH 6 10/01/98 JR&TD 1, 01/01/98 CL, SD,JJ&KT 2, 01/04/98 WS 2, 01/04/98 WS 2, 10/04/98 MH&LR 2, 01/04/98 MH&LR 2, 01/04/98 WS&BH 6, 01/07/98 WS 1, 01/08/98 MH 1, 01/10/98 BSG 5, 01/11/98 RS,VL&ET 1, 01/12/98 DB 4, 01/12/98 GP 2, 01/14/98 WS 1, 01/04/98 WS 1, 01/04/98 WS 1, 01/04/99 BSG 3, 01/11/98 RS,VL&ET 1, 01/12/99 DB 4, 01/12/98 GP 2, 01/14/98 WS 1, 01/04/98 WS 1, 01/04/98 BSG 3, 01/11/99 RS,VL&ET 1, 01/12/97 CL&RB 2, 12/14/97 CL&RB 1, 12/22/97 PLH 4, 01/04/98 WS 1, 01/04/98 WS 1, 01/04/98 WS 1, 01/04/98 WS 2, 01/14/98 WS 2,		MH&LR 5, 01/07/98 WS 2, 01/08/98 MH 4, 01/10/98 PLH 4, 01/10/98 BSG 5, 01/11/98 RS, VL&ET 5, 01/12/98 HH&PH 2, 01/12/98 HH&PH 12, 01/12/98 DB 5,
Fish Crow		01/12/98 HH&PH 22, 01/16/98 HH&TD 65, 01/17/98 BSG 5, 01/17/98 CL 15, 01/19/98 PLH 3, 01/20/98 PLH 3, 01/24/98 MH 2, 12/07/97 JT&JT 6, 12/14/97
Horned Lark		
Carolina Chickadee 01/01/98 CL, SD, JAEKT 2, 01/01/98 IRETD 3, 01/02/98 AB 2, 01/04/98 WSABH 16, 01/04/98 PL, H, ESH 3, 01/04/98 CL, 6, 01/04/98 MRAELR 1, 01/04/98 WSABH 16, 01/01/98 PLH 3, 01/20/98 PLH 4, 01/20/98 BSG 9, 01/11/98 WSABH 16, 01/01/98 LL 14, 01/11/98 PLH 3, 01/20/98 PLH 4, 01/21/98 HH&PH 2, 12/13/97 TLAEB 1, 12/28/97 TLAEB 2, 12/22/97 PLH 3, 12/28/97 TDAED 1, 12/28/97 TDAED 3, 12/27/97 TABT 3, 12/28/97 TDAED 1, 01/01/98 WSABH 16, 01/01/98 WSABH 2, 01/01/98 WSABH 2, 01/01/98 WSABH 6, 01/01/98 WSABH 2, 01/01/98 WSABH 3, 01/21/98 HH&PH 2, 12/13/97 HH0 3, 12/14/97 CL&RB 2, 12/14/97 CL&RB 1, 12/22/97 PLH 4, 12/26/97 TDAESD 1, 12/26/97 TDAESD 2, 12/27/97 PBCATD 2, 12/27/97 TTAET 1, 12/28/97 PLH 4 Red-breasted Nuthatch 01/01/98 WS 1, 01/10/98 BSG 2, 01/12/98 GF 2, 01/11/98 CL 4 01/01/98 WS 1, 01/10/98 BSG 2, 01/12/98 GF 2, 01/11/98 CL 4 01/01/98 WS 1, 01/10/98 BSG 2, 01/12/98 GF 2, 01/11/98 CL 4 01/01/98 WS 1, 01/10/98 BSG 2, 01/12/98 GF 2, 01/11/98 CL 4 01/01/98 WS 1, 01/10/98 BSG 2, 01/12/98 GF 2, 01/11/98 CL 4 01/01/98 IRETD 2, 01/01/98 MHALR 1, 01/04/98 WSABH 3, 01/10/98 BSG 3, 01/11/98 CL 1, 01/01/98 IRETD 1, 01/01/98 IRETD 1 01/04/98 LT 2, 01/01/98 MHALR 1, 01/04/98 WSABH 3, 01/10/98 BSG 3, 01/11/98 CL 1, 01/01/98 BSG 3, 01/11/98 CL 6, 01/01/98 IRETD 2, 01/01/98 IRETD 3, 01/0	Fish Crow	
01/04/98 MH&LR 4, 01/04/98 PD 4, 01/04/98 MH&LR 1, 01/04/98 MB&BH 16, 01/07/98 W3 2, 01/08/98 MH 7, 01/10/98 BISG 9, 01/11/98		01/01/98 BBC 1D 3, 01/04/98 CL 10, 01/16/98 BBC 6, 1272/97 BC&TD 75
RS,VL&ET 1, 01/12/98 DB 2, 01/12/98 GF 2, 01/14/97 CL&RB 2, 12/16/97 TD&SD 4, 12/26/97 TD&SD 8, 12/27/97 BC&TD 5, 12/27/97 IT&IT 3, 12/28/97 CL&SH 1, 12/28/97 CL&RB 2, 12/22/97 PLH 3, 12/26/97 TD&SD 8, 12/27/97 BC&TD 5, 12/27/97 IT&IT 3, 12/28/97 CL&SH 1, 12/28/97 PLH 6 Tuffed Titmouse Tuffed Titmouse O1/01/98 IAETD 1, 01/01/98 CL, SD,JJ&KT 2, 01/04/98 CN 14, 01/04/98 MH&LR 7, 01/04/98 CL 2, 01/04/98 MH&LR 2, 01/04/98 PD 1, 01/04/98 WH&HD 2, 01/17/98 WS 1, 01/08/98 WH 1, 01/01/98 BG 5, 01/11/98 RS,VL&ET 1, 01/12/98 DB 4, 01/12/98 GF 2, 01/14/98 WS 2, 01/16/98 HH&TD 2, 01/17/98 CL 10, 01/19/98 WS 1, 01/08/98 PLH 4, 01/20/98 PLH 3, 01/21/98 HH&PH 2, 12/13/97 HH0 3, 12/14/97 CL&RB 2, 12/14/97 CL&RB 1, 12/22/97 PLH 4, 12/26/97 TD&SD 1, 12/26/97 TD&SD 2, 12/27/97 D&CAT 2, 12/21/97 JT&TT 1, 12/28/97 PLH 4 Red-breasted Nuthatch O1/07/98 WS 1, 01/10/98 BSG 2, 01/12/98 GF 2, 01/17/98 CL 3, 11/17/97 IT&IT 2, 12/28/97 PLH 4 O1/07/98 WS 1, 01/10/98 BSG 2, 01/12/98 GF 2, 01/17/98 CL 3, 11/17/97 IT&IT 2, 12/28/97 PLH 4 O1/07/98 WS 1, 01/10/98 BSG 2, 01/12/98 GF 2, 01/17/98 CL 3, 01/17/98 CL 1, 01/07/98 HT&TD 1, 01/07/98 TAB 1, 01/12/98 JT&TD 1, 01/07/98 JT&TD 1	Carolina Chickadee	
12/13/97 CL&RB 4, 12/14/97 CL&RB 4, 12/14/97 CL&RB 2, 12/29/97 PLH 3, 12/26/97 TD&SD 4, 12/26/97 TD&SD 8, 12/27/97 B&TD 5, 12/27/97 T&T 3, 12/28/97 CL&RB 1, 1, 12/28/97 CL&RB 2, 12/14/97 CL&RB 2, 12/26/97 PLH 3, 12/26/97 TD&SD 1, 01/01/98 CL SD, 1, 12/26/97 PLH 4, 01/04/98 MH&LR 7, 01/04/98 CL 2, 01/04/98 MH&LR 2, 01/04/98 WB&BH 6, 01/07/98 WS 1, 01/08/98 PLH 4, 01/10/98 BSG 5, 01/11/98 RS, VL&ET 1, 01/12/98 DB 4, 01/12/98 GF 2, 01/14/98 WS 2, 01/16/98 HH&TD 2, 01/14/97 CL&RB 1, 12/22/97 PLH 4, 12/26/97 TD&SD 1, 12/26/97 TD&SD 2, 12/27/97 BC&TD 2, 12/27/97 TP&TT 1, 12/28/97 PLH 4 01/07/98 WS 2, 01/12/98 GF 2, 01/14/98 CL 2, 01/14/97 CL&RB 2, 12/14/97 CL&RB 1, 12/22/97 PLH 4, 12/26/97 TD&SD 1, 12/26/97 TD&SD 2, 01/12/98 GF 2, 01/14/98 CL 2, 01/14/98 CL 4, 01/04/98 WS 1, 01/10/98 BSG 3, 01/14/98 CL 4, 01/04/98 HH&TD 3, 01/12/98 GF 2, 01/14/98 CL 4, 01/04/98 HH&TD 1, 01/04/98 HBTD 1, 01/04/98 HBTD 1, 01/04/98 HH&TD 1, 01/04/98 HBTD 1, 01/04/98 HB		UNIVERSE MILLELA T, UNIVERSE ELS T, UNIVERSE MILLELA I, UNIVERSE MAGELII ID, UNIVERSE MAGE, UNIVERSE ELLE T, UNIVERSE BACK, UN
12/28/97 CL&SH 1, 12/28/97 PLH 6 01/01/98 LT, SD, JJ&KT 2, 01/04/98 CN 14, 01/04/98 MH&LR 7, 01/04/98 MH&LR 2, 01/04/98 PD 1, 01/04/98 WS&BH 6, 01/07/98 WS 1, 01/08/98 MH, 01/10/98 PLH 4, 01/10/98 BSG 5, 01/11/98 RS,VL&ET 1, 01/12/98 DB 4, 01/12/98 GF 2, 01/14/98 WS 2, 01/16/98 HH&PT 2, 01/17/98 CL 10, 01/19/98 PLH 4, 01/20/98 PLH 3, 01/21/98 HH&PT 2, 12/13/97 HH 3, 12/14/97 CL&RB 2, 12/14/97 CL&RB 1, 12/22/97 PLH 4, 12/26/97 PLSD 1, 12/26/97 TD&SD 1, 12/27/97 D&CT 2, 12/27/97 PLF 1, 12/28/97 PLH 4 12/28/97 PLH 4 01/07/98 WS 2, 01/12/98 GF 1, 01/17/98 CL 3, 11/17/97 T&FT 1, 12/28/97 PLH 4 01/07/98 WS 2, 01/12/98 GF 1, 01/12/98 GF 2, 12/14/97 CL&RB 1, 12/28/97 PLH 4 01/07/98 WS 2, 01/12/98 GF 2, 12/12/97 PLH 4 12/28/97 PLH 4 01/07/98 WS 1, 01/10/98 BSG 2, 01/12/98 GF 2, 12/26/97 TD&SD 10 01/04/98 LT, 01/04/98 MH&LR 1, 01/04/98 WS&BH 3, 01/10/98 BSG 3, 01/17/98 CL 1, 01/01/98 IT&TD 1, 01/01/98 CL, SD, JJ&KT 2, 01/01/98 IT&TD 1 01/04/98 LT, 01/04/98 MH&LR 1, 01/04/98 WS&BH 3, 01/10/98 BSG 3, 01/17/98 CL 1, 01/01/98 MH&LR 2, 01/04/98 CL 15, 01/04/98 T&SD 9, 01/04/98 HB LT, 01/04/98 HH&PL 2, 01/04/98 MH&LR 2, 01/04/98 MH&LR 2, 01/04/98 CL 15, 01/04/98 T&SD 9, 01/04/98 BSG 3, 01/17/98 CL 1, 01/04/98 CL 15, 01/04/98 T&SD 9, 01/04/98 BSG 3, 01/17/98 CL 6, 01/19/98 BSG 1, 01/17/98 CL 6, 01/04/98 HH&LR 2, 01/04/98 BSG 3, 01/14/98 CL 5, 01/04/98 CL 15, 01/04/98 T&SD 9, 01/04/98 CL 5, 01/04/98 T&SD 9, 01/04/98 CL 5, 01/04/98 T&SD 9, 01/04/98 CL 5, 01/04/98 HH&TD 1, 12/14/97 CL&RB 1, 12/28/97 TD&SD 1, 10/04/98 HBAPTD 1, 01/04/98 TD&SD 1, 01/04/98 T&SD 8, 01/04/98 CL 5, 01/10/98 BSG 2, 01/16/98 HH&TD 1, 12/14/97 CL&RB 1, 12/28/97 TD&SD 1, 12/14/97 CL&RB 1, 12/28/97 CL&RB 5, 12/26/97 TD&SD 1, 12/14/97 CL&RB 5, 12/26/97 TD&S		12/12/07 ULL 2 12/14/07 CL & DR 2 12/12/07 CL & DR 2 12/12/07 ULL 2 12/15/07 TD& SD 2 12/12/07 BC&TD 5 12/17/07 IT&IT 3
Tufted Titmouse 01/01/98 I&ETD 1, 01/01/98 CL, SD, JJ&KT 2, 01/04/98 CN 14, 01/04/98 LT, 7, 01/04/98 CL 2, 01/04/98 MH&LR 2, 01/04/98 MP 1, 01/04/98 MP 2, 01/16/98 MP 4, 01/10/98 MP 2, 01/11/98 CL 3, 11/17/97 IT&T 1, 12/28/97 PLH 4 Red-breasted Nuthatch 01/07/98 WS 1, 01/12/98 BP 6, 01/11/99 CL 3, 11/17/97 IT&T 1, 12/28/97 PLH 4 01/07/98 WS 1, 01/12/98 BP 6, 01/11/99 CL 4 01/07/98 WS 1, 01/12/98 BP 6, 01/11/99 CL 4 01/07/98 WS 1, 01/10/98 BP 6, 01/11/98 CL 4, 01/11/98 CL 4 01/07/98 WS 1, 01/10/98 BP 6, 01/11/98 CL 4 01/07/98 WS 1, 01/10/98 BP 6, 01/11/98 CL 4 01/07/98 WS 1, 01/10/98 BP 6, 01/11/98 BP 6, 01/11/98 BP 6, 01/11/98 IR &TD 1, 01/01/98 IR&TD 1, 01/01/98 IR&TD 1 01/07/98 WS 1, 01/10/98 BP 1, 01/12/98 BP 6, 01/11/98 BP 6, 01/11/		
01/07/98 WS 1, 01/08/98 P.H.4, 01/10/98 P.H.4,	Tufted Titmouse	01/01/98 JI&TD 1, 01/01/98 CL,SD,JJ&KT 2, 01/04/98 CN 14, 01/04/98 MH&LR 7, 01/04/98 CL 2, 01/04/98 MH&LR 2, 01/04/98 PD 1, 01/04/98 WS&BH 6,
01/17/98 CL 10, 01/19/98 PLH 4, 01/20/98 PLH 3, 01/21/98 HH&PH 1, 12/13/97 HHO 3, 12/14/97 CL&RB 2, 12/14/97 CL&RB 1, 12/22/97 PLH 4, 12/26/97 TD&SD 1, 12/26/97 TD&SD 2, 12/27/97 BC&RD 2, 12/27/97 PLH 1, 12/28/97 PLH 4 Red-breasted Nuthatch 01/07/98 WS 1, 01/12/98 GP 1, 01/17/98 CL 3, 11/17/97 IT&T 2, 12/28/97 PLH 4 01/07/98 WS 1, 01/10/98 BSG 2, 01/12/98 GP 2, 01/17/98 CL 4 01/07/98 WS 1, 01/10/98 BSG 2, 01/12/98 GP 2, 01/17/98 CL 4 01/07/98 CL 5, 01/10/98 BSG 2, 01/12/98 GP 2, 01/17/98 CL 4 01/04/98 L1, 01/04/98 HH&LR 1, 01/04/98 WS&BH 3, 01/10/98 BSG 3, 01/17/98 CL 1, 01/01/98 IT&TD 1 01/04/98 L1, 01/04/98 HH&LR 1, 01/04/98 WS&BH 3, 01/10/98 BSG 3, 01/17/98 CL 1, 01/04/98 HH&LR 2, 01/04/98 HH&LR 2, 01/04/98 HH&LR 2, 01/04/98 HH&LR 2, 01/04/98 HBLR 2, 01/04/98 CH 15, 01/12/98 DB 2, 01/14/98 WS 2, 01/16/98 HH&TD 7, 01/17/98 BSG 1, 01/17/98 CL 6, 01/17/98 CL 6, 01/16/98 PLH 2, 12/14/97 CL&RB 1, 12/26/97 TD&SD 4, 12/26/97 TD&SD 1, 12/27/97 BC&TD 2, 12/27/97 IT&TR 4, 12/28/97 CL&RB 1, 12/28/97 PLH 2, 01/04/98 HBAETD 1, 01/04/98		01/07/98 WS 1, 01/08/98 MH 1, 01/10/98 PLH 4, 01/10/98 BSG 5, 01/11/98 RS,VL&ET 1, 01/12/98 DB 4, 01/12/98 GF 2, 01/14/98 WS 2, 01/16/98 HH&TD 2,
Red-breasted Nuthatch O1/07/98 W3 c, 01/129/8 GF 1, 01/17/98 CL 2, 12/17/97 T&FT 1, 12/28/97 PLH 4 O1/07/98 W3 c, 01/129/8 GF 2, 01/17/98 CL 4 Drown-headed Nuthatch O1/07/98 W3 c, 01/129/8 GF 2, 01/17/98 CL 4 O1/04/98 L1, 01/04/98 DB 1, 01/12/98 GF 2, 01/17/98 CL 4 O1/04/98 L1, 01/04/98 DB 1, 01/12/98 GF 2, 12/26/97 TD&SD 10 O1/04/98 L1, 01/04/98 L1, 01/04/98 W3&BH3, 01/10/98 BSG 3, 01/17/98 CL 1, 01/04/98 MH&LR 2, 01/04/98 CL 5, 01/04/98 L1 1 O1/01/98 L1&TD 2, 01/03/98 MH4 1, 01/04/98 PB 11, 01/04/98 MH&LR 6, 01/04/98 MH&LR 2, 01/04/98 MH&LR 2, 01/04/98 L1 5, 01/04/98		01/17/98 CL 10, 01/19/98 PLH 4, 01/20/98 PLH 3, 01/21/98 HH&PH 2, 12/13/97 HHo 3, 12/14/97 CL&RB 2, 12/14/97 CL&RB 1, 12/22/97 PLH 4, 12/26/97
White-Pressted Nuthatch		
Brown-headed Nuthatch 01/04/98 JJ&KT 9, 01/12/98 DB 1, 01/12/98 GF 2, 12/26/97 TD&SD 10 01/04/98 JJ&KT 9, 01/12/98 DB 1, 01/12/98 GF 2, 12/26/97 TD&SD 10 01/04/98 JJ&KT 2, 01/04/98 MH&LR 1, 01/04/98 WS&BH 3, 01/10/98 BSG 3, 01/17/98 CL 1, 01/04/98 MH&LR 2, 01/04/98 CL 15, 01/04/98 T&SD 9, 01/04/98 BSG 1, 01/17/98 BSG 1, 01/17/98 BSG 4, 01/11/98 RS,VL&ET 2, 01/12/98 GF 1, 01/12/98 DB 2, 01/14/98 WS 2, 01/16/98 HH&TD 7, 01/17/98 BSG 1, 01/17/98 WS 2, 01/16/98 HH&TD 7, 01/17/98 BSG 1, 01/17/98 CL 2, 01/29/97 TD&SD 1, 12/27/97 BC&TD 2, 12/27/97 TD&SD 1, 12/27/97 TD&SD 1, 12/27/97 BC&TD 2, 12/27/97 TT&TT 4, 12/28/97 CL&SH 1, 12/28/97 PLH 2 12/28/97 TD&SD 4, 12/26/97 TD&SD 4, 12/26/97 TD&SD 4, 12/26/97 TD&SD 1, 12/27/97 BC&TD 2, 12/27/97 BC&TD 3, 12/27/97 BC&TD 2, 12/27/97 BC&TD 3, 12/27/9	Red-breasted Nuthatch	
Brown Creeper O1/04/98 C. 1, 01/04/98 MH&LR 1, 01/04/98 W&&BH 3, 01/10/98 BSG 3, 01/17/98 C. 1, 01/01/98 II &TD 1, 01/01/98 LEX D, 01/04/98 MH&LR 2, 01/04/98 MH&LR D, 01/16/98 HH&TD 7, 01/17/98 BSG 1, 01/17/98 C. L. 6, 01/16/98 HH&PD 2, 12/14/97 CL&RB 3, 12/22/97 PLH 2, 12/26/97 TD&SD 4, 12/26/97 TD&SD 1, 12/27/97 BC&TD 2, 12/27/97 TT&TA 4, 12/28/97 CL&SH 1, 12/28/97 PLH 2, 12/14/97 CL&RB 1, 12/14/97 CL		01/07/98 WS 1, 01/10/98 BSG 2, 01/12/98 GF 2, 01/17/98 CL 4
Carolina Wren 01/01/98 IACTD 2, 01/03/98 MH 1, 01/04/98 PD 11, 01/04/98 MH&LR 6, 01/04/98 MH&LR 2, 01/04/98 MH&LR 2, 01/04/98 CL 15, 01/04/98 T&SD 9, 01/04/98 BSG 4, 01/11/98 BSG 1, 01/12/98 DB 2, 01/14/98 CL 5, 01/16/98 HAED 7, 01/11/98 BSG 4, 01/11/98 BSG 1, 01/12/98 DB 2, 01/14/98 WS 2, 01/16/98 HAED 7, 01/17/98 BSG 1, 01/17/98 CL 6, 01/19/98 PLH 2, 12/14/97 CL&RB 5, 12/22/97 PLH 2, 12/26/97 TD&SD 4, 12/26/97 TD&SD 4, 12/26/97 TD&SD 1, 12/27/97 BC&TD 2, 12/27/97 IT&TT 4, 12/28/97 CL&SH 1, 12/28/97 PLH 2 Bewick's Wren 61/01/98 IACTD 1, 01/01/98 HAEPH 1, 01/16/98 HTAETD 1, 12/14/97 CL&RB 1 61/01/98 IACTD 1, 01/01/98 IACTD 1, 01/01/98 HAED 1, 12/14/97 CL&RB 1, 12/28/97 CL&SH 1 Winter Wren 61/01/98 MH&LR 1, 01/04/98 PD 3, 12/14/97 CL&RB 1, 12/26/97 TD&SD 1 656ge Wren 61/01/98 CL,SD,JJ&KT 1, 01/01/98 IACTD 1, 01/04/98 PD 1, 01/08/98 MH 1, 01/10/98 BSG 8, 01/17/98 CL 10, 12/14/97 CL&RB 5, 12/26/97 TD&SD 11,		01/04/98 J.J&KT 9, 01/12/98 DB 1, 01/12/98 GF 2, 12/26/97 TD&SD 10
BW 1, 01/08/98 HH6 2, 01/08/98 BM1 2, 01/10/98 BSG 4, 01/11/98 RS,VL&ET 2, 01/12/98 GP 1, 01/12/98 DB 2, 01/14/98 WS 2, 01/16/98 HH&TD 7, 01/17/98 BSG 1, 01/17/98 CL 6, 01/19/98 PLH 2, 12/14/97 CL&RB 5, 12/22/97 PLH 2, 12/26/97 TD&SD 4, 12/26/97 TD&SD 1, 12/27/97 BC&TD 2, 12/27/97 TD&TT 4, 12/28/97 CL&SH 1, 12/28/97 PLH 2 Bewick's Wren 01/04/98 MH&LR 1, 01/12/98 HH&PH 1, 01/16/98 HH&TD 1, 12/14/97 CL&RB 1 House Wren 01/04/98 MH&LR 1, 01/16/98 HH&PH 1, 01/16/98 HH&TD 1, 12/14/97 CL&RB 1 Winter Wren 01/04/98 MH&LR 1, 01/04/98 CL 2, 01/04/98 PD 3, 12/14/97 CL&RB 1, 12/26/97 TD&SD 1 Sedge Wren 01/04/98 MH&LR 1, 01/04/98 LD 1, 01/04/98 PD 1, 01/08/98 MH 1, 01/10/98 BSG 8, 01/17/98 CL 10, 12/14/97 CL&RB 5, 12/26/97 TD&SD 11,		UI/M/98 LL I, UI/M/98 MH&LK I, UI/M/98 WX&BH 3, UI/M/98 BSU 3, UI/I/98 LL I, UI/M/98 LI &I D I, UI/M/98 LL, DL,JJ&K I Z, UI/M/98 II &I D I, UI/M/98 LL, DL,JJ&K I Z, UI/M/98 II &I D I, UI/M/98 LL, DL,JJ&K I Z, UI/M/98 II &I D I, UI/M/98 II &I D I I I/M/98 MIBLI D A I/M/98 LL I D A II/M/98 II X I D I I/M/98 II X I D I I I/M/98 II X I D I I I I I/M/98 II X I D I I I I I I I I I I I I I I I
BSG. 1, 01/17/98 CL. 6, 01/19/98 PLH 2, 12/14/97 CL&RB 2, 12/14/97 CL&RB 5, 12/22/97 PLH 2, 12/26/97 TD&SD 4, 12/26/97 TD&SD 1, 12/27/97 BC&TD 2, 12/27/97 TD&TA 4, 12/26/97 TD&SD 1, 12/27/97 BC&TD 2, 12/27/97 TD&TA 4, 12/26/97 TD&SD 1, 12/27/97 BC&TD 2, 12/27/97 BC&TD 2, 12/27/97 TD&SD 1, 12/14/97 CL&RB 1 (01/27/98 HAE/PH 1, 01/16/98 HAE/TD 1, 12/14/97 CL&RB 1, 01/27/98 T&SD 8, 01/04/98 CL 5, 01/10/98 BSG 2, 01/16/98 HAE/TD 1, 12/14/97 CL&RB 1, 12/26/97 TD&SD 1 (01/27/98 HAE/PH 1, 12/14/97 CL&RB 1, 12/26/97 TD&SD 1 (01/27/98 HAE/PH 1, 01/27/98 CL 5, 01/10/98 BSG 3, 01/17/98 CL 5, 01/10/98 BSG 3, 01/17/98 CL 5, 01/10/98 BSG 3, 01/17/98 CL 5, 01/10/98 HAE/TD 1, 12/14/97 CL&RB 1, 12/26/97 TD&SD 1 (01/27/98 CL 5, 01/10/98 CL 5, 01/10/98 CL 5, 01/10/98 CL 5, 01/10/98 BSG 3, 01/17/98 CL 10, 12/14/97 CL&RB 5, 12/26/97 TD&SD 11, 01/27/98 CL 10, 12/14/97 CL&RB 5, 12/26/97 TD&SD 11, 01/27/98 DSG 3, 01/17/98 CL 10, 12/14/97 CL&RB 5, 12/26/97 TD&SD 11, 01/27/98 CL 10, 12/14/97 CL&RB	Carolina Wren	UTIVITYS JICCLU Z, UTIVIJYS MIT I, UTIVIYS ET II, UTIVIYS MITICLER, Q, UTIVIYS MITICLER, Q, UTIVIYS MITICLER, Z, UTIVIYS CL. 13, UTIVIYS 18:30 Y, UTIVIYS 18:30
12/2/97 T&T 4, 12/28/97 CL&SH 1, 12/28/97 PLH 2		DW I, UNIVERSE DEM A, UNIVERSE MET A, UNIVERSE DEM M, UNIVERSE DA, VERGE LA, UNIVERSE UT A, UNIVERSE DE A, UNIVERSE DES A, UNIVERSE DE LA CONTRE DEL CONTRE DE LA CONTRE DEL CONTRE DE LA CONTRE DE
Bewick Wren 01/04/98 MH&LR 1, 01/12/98 HH&PH 1, 01/16/98 HH&TD 1, 12/14/97 CL&RB 1 House Wren 01/01/98 J&TD 1, 01/01/98 J&TD 1, 01/02/98 AB 2, 01/04/98 T&SD 8, 01/04/98 CL 5, 01/10/98 BSG 2, 01/16/98 HH&TD 1, 12/14/97 CL&RB 1, 12/28/97 CL&SH 1 Winter Wren 01/04/98 MH&LR 1, 01/04/98 CL 2, 01/04/98 PD 3, 12/14/97 CL&RB 1, 12/26/97 TD&SD 1 Sedge Wren 01/04/98 MH&LR 1, 01/04/98 J&TD 1, 01/04/98 PD 1, 01/08/98 MH 1, 01/10/98 BSG 8, 01/17/98 CL 10, 12/14/97 CL&RB 5, 12/26/97 TD&SD 11.		
House Wren 01/01/98 J&TD 1, 01/01/98 J&TD 1, 01/02/98 AB 2, 01/04/98 T&SD 8, 01/04/98 CL 5, 01/10/98 BSG 2, 01/16/98 HH&TD 1, 12/14/97 CL&RB 1, 12/28/97 CL&SH 1 Winter Wren 01/01/98 M&LLR 1, 01/04/98 CL 2, 01/04/98 PD 3, 12/14/97 CL&RB 1, 12/26/97 TD&SD 1 Sedge Wren 01/01/98 CL,SD,J,&KT 1, 01/01/98 J&TD 1, 01/04/98 PD 1, 01/08/98 MH 1, 01/10/98 BSG 8, 01/17/98 CL 10, 12/14/97 CL&RB 5, 12/26/97 TD&SD 11,	Remick's Wren	101/1/108 MHAF B 1 01/1/108 HHAPH 1 01/1/16/08 HHAPTO I 12/14/07 CL&RB 1
CL&RB 1, 12/28/97 CL&SH 1 Winter Wren 01/04/98 MH&LR 1, 01/04/98 CL 2, 01/04/98 PD 3, 12/14/97 CL&RB 1, 12/26/97 TD&SD 1 Sedge Wren 01/01/98 CL_SD_1J&KT 1, 01/01/98 JBCTD 1, 01/04/98 PD 1, 01/08/98 MH 1, 01/10/98 BSG 8, 01/17/98 CL 10, 12/14/97 CL&RB 5, 12/26/97 TD&SD 11,		01/01/98 IIA-TD 1 01/02/98 AB 2 01/04/98 TD&SD 8 01/04/98 T&SD 8 01/04/98 CL 5 01/10/98 BSG 2 01/16/98 HH&TD 1 1/2/14/97
Winter Wren 01/04/98 MH&LR 1, 01/04/98 CL 2, 01/04/98 PD 3, 12/14/97 CL&RB 1, 12/26/97 TD&SD 1 Sedge Wren 01/01/98 CL,SD,J,&KT 1, 01/01/98 J&ETD 1, 01/04/98 PD 1, 01/08/98 MH 1, 01/10/98 BSG 8, 01/17/98 CL 10, 12/14/97 CL&RB 5, 12/26/97 TD&SD 11,	AND WIGH	
Sedge Wren 01/01/98 CL, SD, J, J&KT 1, 01/01/98 J, 01/04/98 PD 1, 01/08/98 MH 1, 01/10/98 BSG 8, 01/17/98 CL 10, 12/14/97 CL&RB 5, 12/26/97 TD&SD 11,	Winter Wren	01/04/98 MH&LR 1, 01/04/98 CL 2, 01/04/98 PD 3, 12/14/97 CL&RB 1, 12/26/97 TD&SD 1
		01/01/98 CL,SD,J,EKT 1, 01/01/98 JETD 1, 01/04/98 PD 1, 01/08/98 MH 1, 01/10/98 BSG 8, 01/17/98 CL 10, 12/14/97 CL&RB 5, 12/26/97 TD&SD 11,
	-	

Common Name	Data
Marsh Wren	01/01/98 CL,SD,JJ&KT 1, 01/01/98 J&TD 1, 01/03/98 MH 1, 01/04/98 CL 1, 01/04/98 WS&BH 1, 01/04/98 PD 7, 01/04/98 T&SD 15, 01/04/98 TD&SD 15
Golden-crowned Kinglet	01/10/98 BSG 6, 12/26/97 TD&SD 2 01/01/98 I&TD 1, 01/04/98 T&SD 3, 01/04/98 TD&SD 2, 01/04/98 BW 1, 01/08/98 MH 1, 01/10/98 BSG 6, 01/17/98 CL 15, 12/26/97 TD&SD 7, 12/27/9 BC&TD 2
Ruby-crowned Kinglet	010198 JL&TD 3, 01/01/98 JL&TD 2, 01/01/98 JL&TD 1, 01/01/98 CL_SD_J_J&KT 2, 01/01/98 JL &TD 4, 01/03/98 MH 2, 01/04/98 PD 53, 01/04/98 MH&LR 3 01/04/98 BW 4, 01/04/98 WS&BH 12, 01/04/98 JJ&KT 10, 01/04/98 MH&LR 13, 01/04/98 MH&LR 3, 01/04/98 CL 33, 01/04/98 T&SD 26, 01/08/98 MH 4 01/10/98 BGG 10, 01/11/98 RS_YL&ETT 1, 01/14/98 WS 2, 01/10/98 HH&TD 12, 01/17/98 CL 30, 01/17/98 MH 1, 01/17/98 BGG 1, 01/17/98 HGH 1, 01/17/98 LG 1, 01/17/98
Blue-gray Gnatcatcher Eastern Bluebird	1 01/04/98 TD&SD 10, 01/04/98 WS&BH 27, 01/04/98 CL 4, 01/04/98 T&SD 10, 01/14/98 WS 1 01/01/98 TL 5, 01/04/98 TD 1, 01/01/98 CL, SD,J, EKT 2, 01/01/98 CL, SD,J, EKT 2, 01/03/98 MH&LR 2, 01/04/98 PD 45, 01/04/98 CL 13, 01/04/98 MH&LR 3, 01/04/98 W 4, 01/04/98 MH&LR 15, 01/04/98 J, EKT 6, 01/04/98 PL, JH, ESH 1, 01/04/98 T&SD 3, 01/10/98 BSG 4, 01/10/98 PLH 2, 01/11/98 MM 8, 01/12/9 HH&PH 2, 01/12/98 HH&PH 3, 01/12/98 HH&PH
Hermit Thrush American Robin	01/04/98 MH&LR 3, 01/04/98 MH&LR 1, 01/04/98 MH&LR 4, 01/04/98 MH&LR 1, 01/17/98 CL 3, 01/21/98 HH&PH 1, 12/26/97 TD&SD 1, 12/27/97 BC&TD 1 01/02/98 MH 25, 01/02/98 AB 1, 01/03/98 MH&LR 20, 01/04/98 MH&LR 103, 01/04/98 MH&LR 10, 01/04/98 MH&LR 14, 01/04/98 BW 680, 01/04/98 CL 1 01/04/98 PJ_H,&SH 27, 01/04/98 JJ&KT 187, 01/04/98 PD 42, 01/04/98 MH&LR 217, 01/04/98 WS 2, 01/10/98 WS 2, 01/10/98 PJH 21, 01/12/9 HH&PH 12, 01/12/98 DB 1, 01/12/98 MT 1, 01/16/98 HH&TD 20, 01/17/98 CL 6, 01/19/98 PJH 28, 12/22/97 PJH 100, 12/28/97 PJH 12
Northern Mockingbird	01/01/98 CL_SD_J&KT 1, 01/01/98 I&TD 1, 01/01/98 J&TD 2, 01/01/98 CL_SD_J&KT 1, 01/01/98 I&TD 3, 01/02/98 MH 2, 01/03/98 MH&LR 3, 01/04/98 BW 6, 01/04/98 PL_JH_&SH 7, 01/04/98 MH&LR 1, 01/04/98 MH&LR 5, 01/04/98 MH 2, 01/12/98 IMP 1, 01/12/99
Brown Thrasher	01/01/98 CL,SD,J&KT 1, 01/01/98 II&TD 1, 01/03/98 MH 1, 01/04/98 BW 1, 01/04/98 WS&BH 1, 01/04/98 MH&LR 1, 01/04/98 PD 2, 01/04/98 MH&LR 2 01/04/98 CL 5, 01/04/98 JJ&KT 1, 01/04/98 T&SD 2, 01/04/98 TD&SD 2, 01/07/98 WS 1, 01/17/98 BSG 1, 01/21/98 HH&PH 1, 12/13/97 HH6 1, 12/26/9 TD&SD 1
European Starling	0101/98 CL,SD,J&KT 10, 0101/98 JL &TD 6, 0101/98 JL &TD 250, 01/01/98 CL,SD,JJ&KT 20, 01/02/98 MH 1, 01/04/98 PD 203, 01/04/98 LJ,&KT 25, 01/04/9 BW 20, 01/04/98 T&SD, 7, 01/04/98 EG L. 01/0, 01/01/98 BG 1, 01/01/098 PLH, 4, 01/11/298 HH&PH 50, 01/16/98 HH&PD 250, 01/17/98 BG 10, 01/17/98 CL 20 12/14/97 CL&RB 10, 12/22/97 PLH 10, 12/27/97 BC&TD 20, 12/28/97 CL&SH 500
American Pipit	01/01/98 II.&TD 1, 01/01/98 CL,SD,JJ&KT 6, 01/01/98 II&TD 30, 01/01/98 II&TD 5, 01/04/98 TD&SD 12, 01/04/98 EL,JH,&SH 45, 01/04/98 BW 28, 01/04/9 T&SD 11, 01/04/98 CL 115, 01/04/98 J,&KT 38, 01/04/98 PD 110, 01/16/98 HH&TD 250, 01/17/98 BSG 55, 12/07/97 IT&IT 7, 12/14/97 CL&RB 75, 12/27/9 BC&TD 50, 12/28/97 CL&SH 35
Cedar Waxwing Orange-crowned Warbler	01/01/98 II&TD 45, 01/04/98 JJ&KT 9, 01/04/98 MH&LR 35, 01/04/98 CN 44, 01/10/98 BSG 56, 01/10/98 PLH 8, 01/12/98 HH&PH 45, 01/12/98 HH&PH 12 01/16/98 HH&TD 6, 01/17/98 CL 125, 01/17/98 BSG 40, 01/20/98 PLH 8, 12/22/97 PLH 200, 12/27/97 IT&IT 3, 12/28/97 PLH 8 01/01/98 CL_SD_JJ&KT, 1, 01/01/98 II&TD 3, 01/01/98 II&TD 3, 01/01/98 II &TD 2, 01/01/99 II ATD 3, 01/01/98 II ATD 3, 01/01/98 II ATD 3, 01/01/98 PD 4, 01/04/98 WS&BH 1, 01/04/98 CL 1, 01/04/98 CL 1, 01/04/98 II ATD 3, 01/01/98
-	MH&LR 1, 01/04/98 MH&LR 1, 01/04/98 T&SD 10, 01/04/98 J,&KT 1, 01/08/98 MH 1, 01/10/98 BSG 4, 01/11/98 RS,VL&ET 2, 01/16/98 HH&TD 1, 01/17/9 CL 2, 01/17/98 MH 1, 01/19/98 PLH 1, 12/26/97 TD&SD 6
Yellow Warbler Cape May Warbler	01/04/98 CL 1 01/01/98 JL&TD 1, 01/01/98 CL,SD,J,J&KT 1, 01/03/98 MH 1, 01/08/98 MH 1, 01/10/98 BSG 1, 01/11/98 RS,VL&ET 1, 01/14/98 WS 1, 01/17/98 MH 1, 01/24/9
	MH 1, 12/26/97 TD&SD 1, 12/27/97 JT&JT 1
Yellow-rumped Warbler	010198 CL_SD_J&KT 10, 010198 I&TD 5, 010198 CL_SD_J&KT 15, 010198 I&TD 15, 010198 I&TD 3, 010198 I&TD 4, 010298 AB 5, 010399 MH 3, 010499 MH&IR. 8, 0104998 W&&BH 98, 0104998 MH&IR. 3, 0104998 DD 211, 0104998 CLC 72, 0104998 FESD 48, 010498 J,&KT 11, 010499 MH&IR 14, 0104998 BW 8, 010898 MH 4, 010898 HH6 2, 01/1098 PLH 4, 01/1098 BSG 5, 01/11/98 RS, VL&ET 3, 01/12/98 MT 20, 01/12/98 DB 1, 01/16/9 HH&TD 3, 01/17/98 CL 20, 01/21/98 HH&PH 2, 12/0797 JR&T 3, 12/0797 JT&T 45, 12/14/97 CL&RB 8, 12/14/97 CL&RB 2, 12/22/97 PLH 1, 12/26/9 TD&SD 10, 12/26/97 TD&SD 10, 12/26/97 JR&T 10, 12/27/97 BC&TD 3, 12/27/279 CL&SH 2
Pine Warbler	01/01/98 CL,SD,J,&KT 3, 01/02/98 AB 2, 01/03/98 MH 1, 01/04/98 CL 1, 01/04/98 PD 4, 01/04/98 MH&LR 1, 01/04/98 J,&KT 3, 01/08/98 MH 1, 01/10/98 ESC 1, 01/12/98 DB 3, 01/12/98 GF 2, 01/14/98 WS 1, 01/17/98 CL 25, 01/19/98 PLH 2, 01/20/98 PLH 1, 01/21/98 HH&PH 2, 12/14/97 CL&RB 3, 12/22/97 PLH 2 12/26/97 TD&SD 15, 12/26/97 TD&SD 2, 12/28/97 PLH 2
Palm Warbler Common Yellowthroat	01/04/98 T&SD 2, 01/04/98 TD&SD 2 01/04/98 TD&SD 2, 01/04/98 T&SD 2
Eastern Towhee Chipping Sparrow	01/04/98 MH&LR 1, 01/04/98 CL 1, 01/04/98 MH&LR 1, 01/08/98 MH 1, 01/17/98 CL 1, 01/21/98 HH&PH 1, 01/04/98 MH&LR 5 01/04/98 JJ&KT 10, 01/10/98 PLH 12, 01/12/98 GF 18, 01/16/98 HH&TD 25, 01/17/98 CL 75, 01/19/98 PLH 3, 01/20/98 PLH 6, 12/14/97 CL&RB 15, 12/22/9
Field Sparrow	PLH 1, 12/2697 TD&SD 5, 12/2697 TD&SD 40, 12/27/97 BC&TD 30, 12/2897 PLH 1 01/01/98 II&TD 1, 01/01/98 II&TD 10, 01/04/98 TD&SD 1, 01/04/98 T&SD 1, 01/04/98 MH&LR 2, 01/04/98 PD 2, 01/08/98 MH 10, 01/19/98 PLH 5, 01/20/9 PLH 1, 12/14/97 CL&RB 10, 12/28/97 PLH 2, 12/28/97 CL&SH 6
Vesper Sparrow	01/16/98 HH&TD 2, 12/14/97 CL&RB 25, 12/27/97 BC&TD 8, 12/28/97 CL&SH 2, 12/31/97 HHo 2
Savannah Sparrow	01/01/98 JACTD 15, 01/01/98 JACTD 1, 01/04/98 T&SD 110, 01/04/98 BW 15, 01/04/98 MH&LR 25, 01/04/98 PD 102, 01/04/98 JJ&KT 48, 01/04/98 MH&LR 25 01/04/98 WS&BH 3, 01/04/98 CL 75, 01/12/98 HH&PH 24, 01/12/98 HH&PH 2, 01/16/98 HH&TD 80, 01/17/98 BSG 20, 12/14/97 CL&RB 6, 12/14/97 CL&RI 75, 12/27/97 BC&TD 150, 12/28/97 CL&SH 50
LeConte's Sparrow Nelson's Sharp-tailed Sparrow	01/10/98 BSG 2, 01/17/98 CL 2, 12/26/97 TD&SD 3 01/04/98 PD 8
Fox Sparrow	01/01/98 J.&TD 4, 01/04/98 J.ÆKT 2, 01/04/98 CL 6, 01/04/98 WS&BH 2, 01/04/98 PD 1, 01/04/98 T&SD 3, 01/10/98 PLH 1, 01/16/98 HH&TD 1, 01/17/98 CI 1, 01/17/98 BGG 2, 01/20/98 PLH 1, 01/21/98 HH&PH 2, 12/14/97 CL&RB 5, 12/27/97 BC&TD 3
Song Sparrow	01/01/98 JRATD 5, 01/01/98 JL &TD 5, 01/01/98 CL, SD, JL&KT 10, 01/01/98 JRATD 20, 01/01/98 JRATD 10, 01/02/98 MH 1, 01/03/98 MH 2LR 19, 01/04/98 MH 2LR 2, 01/04/98 JL&KT 26, 01/04/98 LB 50, 01/04/98 WS&BH 35, 01/04/98 MH&LR 2, 01/04/98 DH 6LR 10, 01/04/98 DH 64, 01/04/
Lincoln's Sparrow Swamp Sparrow	01/04/98 BW 2, 01/16/98 HH&TD 1, 01/17/98 CL 2, 01/17/98 BSG 1, 01/19/98 PLH 1, 01/21/98 HH&PH 2, 12/14/97 CL&RB 2 01/01/98 CL_SDJJÆKT 20, 01/01/98 IBÆTD 4, 01/01/98 IBÆTD 6, 01/04/98 BW 15, 01/04/98 MH&LR 5, 01/04/98 PD 6, 01/04/98 CL 10, 01/04/98 IJÆKT 5 01/04/98 WSÆBH 10, 01/04/98 TÆSD 85, 01/10/98 BSG 9, 01/16/98 HH&TD 25, 01/17/98 CL 6, 01/17/98 BSG 2, 12/14/97 CL&RB 10, 12/14/97 CL&RB 4
White-throated Sparrow	12/26/97 TD&SD 30, 12/27/97 JT&TT 2, 12/27/97 BC&TD 30, 12/28/97 CL&SH 2 01/01/98 JA&TD 5, 01/01/98 JJ &TD 15, 01/01/98 JA&TD 50, 01/01/98 CL,SD,JJ&KT 5, 01/01/98 JA&TD 4, 01/01/98 CL,SD,JJ&KT 1, 01/03/98 MH 4, 01/04/98 BW 46, 01/04/98 CL 180, 01/04/98 JJ&KT 39, 01/04/98 WS&BH 12, 01/04/98 MH&LR 10, 01/04/98 PD 98, 01/04/98 PL,HL&SH 9, 01/04/98 MH&LR 1, 01/04/99 T&SD 70, 01/07/98 WS 3, 01/08/98 MH 11, 01/10/98 BSG 12, 01/10/98 PLH 8, 01/12/98 HH&PH 30, 01/12/98 GF 2, 01/16/98 HH&TD 26, 01/17/98 BSG 15 01/17/98 CL 40, 01/19/98 PLH 8, 01/20/98 PLH 8, 01/21/98 HH&PH 30, 01/12/97 CL&RB 6, 12/22/97 PLH 4, 12/26/97 TD&SD 20, 12/27/97 JT&JT 15, 12/27/97 BC&TD 50, 12/28/97 CL&SH 10, 12/28/97 PLH 8
Harris' Sparrow White-crowned Sparrow	01/04/98 CL I, 01/04/98 MH&LR I, 01/16/98 HH&TD 1 01/01/98 II&TD 9, 01/01/98 II&TD 20, 01/03/98 MH&LR 2, 01/04/98 BW 38, 01/04/98 PL,JH,&SH 41, 01/04/98 IJ.&KT 12, 01/04/98 MH&LR 2, 01/04/98 MH&LR 6, 01/04/98 CL 119, 01/04/98 T&SD 3, 01/10/98 PLH 6, 01/12/98 HH&PH 12, 01/12/98 HH&PH 6, 01/16/98 HH&TD 50, 01/17/98 BSG 16, 01/19/91 PLH 3, 01/20/98 PLH 2, 12/14/97 CL&RB 15, 12/22/97 PLH 4, 1227/97 BC&TD 60, 12/28/97 CL&SH 75, 12/28/97 PLH 2
Dark-eyed Junco	PLH 3, 01/20/99 PLH 2, 121/97 CLEARS 1, 12/22/97 PLH 3, 12/27/97 BC&ED 19, 12/28/97 LCASS 17, 12/23/97 PLH 2, 01/20/98 WS 2010/19/8 CL 8, 01/04/98 JL&KT 14, 01/07/98 WS 2010/07/98 MT 7, 01/08/98 MH 12, 01/10/98 BC 18, 01/04/98 MH&LR 5, 01/04/98 MH&LR 5, 01/04/98 H&PLT D, 5, 01/04/98 CL 8, 01/04/98 JL&KT 14, 01/07/98 WS 2010/07/98 MT 7, 01/08/98 MH 1, 01/10/98 BG 10, 01/12/98 GF 4, 01/12/98 H&PLT D, 5, 01/04/98 CL 8, 01/04/98 JL&KT 14, 01/07/98 WS 2010/07/98 MT 7, 01/08/98 MH 1, 1, 1/2/69/07 TD&SD 30, 1/2/69/77 BC&ED 15, 12/28/97 CL&SH 6, 12/29/97 LL&KD 6, 12/29/97
Lapland Longspur	12/27/97 BC&TD 7, 12/28/97 CL&SH 2
Northern Cardinal	01/01/98 JAETD 4, 01/01/98 CL, SD, JJ&KT 2, 01/01/98 JAETD 2, 01/01/98 JAETD 4, 01/01/98 JAETD 1, 01/02/98 AB 2, 01/03/98 MH 2, 01/03/98 MH&LR 2 01/04/98 T&SD 19, 01/04/98 CL 95, 01/04/98 JJ&KT 26, 01/04/98 MH&LR 7, 01/04/98 CN 6, 01/04/98 WS&BH 20, 01/04/98 PL, JH,&SH 21, 01/04/98 PD 33 01/04/98 BW 13, 01/04/98 MH&LR 45, 01/04/98 MH&LR 4, 01/07/98 WS 2, 01/08/98 MH 5, 01/10/98 PLH 10, 01/10/98 BSG 15, 01/11/98 RS, VL&ET 3, 01/12/99 HH&PH 18, 01/12/96 GF 12, 01/12/98 HH&PH 4, 01/16/98 HH&TD 24, 01/17/98 BSG 12, 01/17/98 CL 15, 01/17/98 MH 2, 01/19/98 PLH 14, 01/20/98 PLH 18 01/21/98 HH&PH 3, 12/07/97 JT&JT 6, 12/13/97 HH 5, 12/14/97 CL&RB 6, 12/14/97 CL&RB 6, 12/22/97 PLH 12, 12/26/97 TD&SD 5, 12/27/97 BC&TD 10 12/27/97 JT&JT 6, 12/28/97 CL&SH 8, 12/28/97 PLH 17

Common Name	Data	
Red-winged Blackbird	01/01/98 J&TD 1, 01/01/98 CL,SD,J,J&KT 2, 01/01/98 J&TD 50, 01/01/98 J&TD 20, 01/03/98 MH&LR 1, 01/04/98 PD 1300, 01/04/98 J,J&KT 743, 01/04/98	
	T&SD 235, 01/04/98 WS&BH 10, 01/04/98 MH&LR 41, 01/04/98 CL 2533, 01/04/98 BW 800, 01/04/98 MH&LR 1000, 01/04/98 PL,IH,&SH 325, 01/08/98 MH 3,	
	01/10/98 BSG 1, 01/10/98 PLH 6, 01/12/98 HH&PH 600, 01/12/98 HH&PH 41, 01/16/98 HH&TD 700, 01/17/98 BSG 205, 01/19/98 PLH 4, 12/14/97 CL&RB 200,	
	12/22/97 PLH 12, 12/26/97 TD&SD 50, 12/27/97 BC&TD 6000, 12/28/97 PLH 1, 12/28/97 CL&SH 1500	
Eastern Meadowlark	01/01/98 JI&TD 17, 01/03/98 MH&LR 2, 01/04/98 MH&LR 26, 01/04/98 T&SD 4, 01/04/98 CL 46, 01/04/98 J,I&KT 27, 01/04/98 MH&LR 5, 01/12/98 HH&PH 4,	
	01/12/98 HH&PH 5, 01/16/98 HH&TD 60, 01/17/98 CL 4, 01/19/98 PLH 12, 12/14/97 CL&RB 12, 12/22/97 PLH 22, 12/26/97 TD&SD 7, 12/27/97 BC&TD 100	
Western Meadowlark	12/14/97 CL&RB 3, 12/27/97 BC&TD 3	
Rusty Blackbird	01/04/98 WS&BH 7, 01/04/98 CL 4, 01/04/98 BW 26, 12/27/97 BC&TD 3	
Brewer's Blackbird	01/04/98 CL 269, 01/04/98 MH&LR 200, 01/04/98 WS&BH 1, 01/16/98 HH&TD 65, 12/27/97 BC&TD 4, 12/28/97 CL&SH 40	
Common Grackle	01/01/98 CL,SD,J,J&KT 25, 01/03/98 MH&LR 1, 01/04/98 PD 60, 01/04/98 PL,JH,&SH 96, 01/04/98 J,J&KT 38, 01/04/98 MH&LR 109, 01/04/98 W&BH 5,	
	01/04/98 BW 451, 01/04/98 CL 1620, 01/04/98 MH&LR 7, 01/08/98 MH 1, 01/10/98 BSG 3, 01/16/98 HH&TD 400, 01/17/98 BSG 90, 12/07/97 JT&JT 200,	
	12/14/97 CL&RB 400, 12/22/97 PLH 1, 12/27/97 BC&TD 500, 12/27/97 JT&JT 8, 12/28/97 CL&SH 100	
Brown-headed Cowbird	01/01/98 J&TD 20, 01/04/98 BW 30, 01/04/98 J, J&KT 53, 01/04/98 CL 5, 01/04/98 PL JH, &SH 17, 01/10/98 BSG 10, 01/10/98 PLH 2, 01/16/98 HH&TD 250,	
	01/17/98 BSG 12, 01/19/98 PLH 1, 12/14/97 CL&RB 4, 12/22/97 PLH 8, 12/27/97 BC&TD 4000, 12/28/97 CL&SH 30, 12/28/97 PLH 2	
Purple Finch	01/17/98 CL 1	
House Finch	01/02/98 AB 5, 01/07/98 WS 1, 12/28/97 CL&SH 1, 12/31/97 HHo 2	
American Goldfinch	01/01/98 CL_SD_J_&KT 1, 01/01/98 JI&TD 3, 01/04/98 CN 5, 01/04/98 WS&BH 30, 01/04/98 PD 26, 01/04/98 MH&LR 53, 01/04/98 T&SD 3, 01/04/98 CL 10,	
	01/04/98 JJ&KT 12, 01/07/98 WS 1, 01/08/98 MH 5, 01/10/98 PLH 6, 01/10/98 BSG 5, 01/16/98 HH&TD 14, 01/17/98 CL 12, 01/19/98 PLH 4, 01/20/98 PLH 4,	
	01/21/98 HH&PH 8, 12/14/97 CL&RB 2, 12/22/97 PLH 4, 12/26/97 TD&SD 15, 12/27/97 JT&JT 1, 12/27/97 BC&TD 30, 12/28/97 PLH 2	
House Sparrow	01/01/98 CL.SD.J.J&KT 4. 01/02/98 AB 9. 01/04/98 CL 5. 01/07/98 WS 23. 01/16/98 HH&TD 1	

Printed 1,840 records of 137 species.



Shreveport Society for Nature Study, Inc.
BIRD STUDY GROUP
One University Place
Shreveport, LA 71115-2399

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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

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Shirley Huss	865-5959 H
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Jeff Trahan	869-5217 W, 868-7360 H
Rosemary Seidler	869-5231 W, 424-2972H
Larry Raymond	929-2806W, 929-3117 H
Judy Townes	929-4106 W, 865-7412 H
Jim Ingold	797-5236 W, 742-5067 H
	Will Smolenski Larry Raymond Hubert Hervey Bill Hall Will Smolenski Jim Ingold Louretta Soule June Haynie True Mann Marty Carroll Shirley Huss Jim Ingold Vicki LeFevers Jeff Trahan Rosemary Seidler Larry Raymond Judy Townes

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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

Tohn Darling worked for a number of years in a J 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, cosponsored 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**

ow 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.

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 **Double-crested Cormorant** 10 l **Neotropic Cormorant** 2 **Great Blue Heron** 30 **Great Egret** 400 White Ibis **Turkey Vulture** 400 **Greater White-fronted Goose** 20,000 **Snow Goose** 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 Sandhill Crane 264 125 Killdeer **Greater Yellowlegs** 3 Lesser Yellowlegs 70 Least Sandpiper 15 **Short-billed Dowitcher** 12 Ring-billed Gull **Rock Dove** 80 1 **Mourning Dove**
- April 17, 18 and 19 Atchafalaya Basin Canoe Trip -6 15 30 50 2 1 3
- Belted Kingfisher 1 Red-bellied Woodpecker 1 Yellow-bellied Sapsucker 1 **Eastern Phoebe** Loggerhead Shrike Blue Jay **American Crow** Fish Crow House Wren Sedge Wren **Ruby-crowned Kinglet** 1 Blue-gray Gnatcatcher Eastern Bluebird 1 1 **American Robin** 7 Northern Mockingbird 12 **European Starling**

Barred Owl

1

60	American Pipit
1	Orange-crowned Warble
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.

Use your Kroger Card It helps the BSG

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	Athie 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
Л	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,SCⅅ	L. Raymond, S. Cardiff, & D. Dittn	nan 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,Л	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	Data	
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, 01/21/98 JI&TD 3, 01/21/98 JI&TD 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,SCⅅ 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 3, 02/17/98 JIB/JIB/JIB/JIB/JIB/JIB/JIB/JIB/JIB/JIB/	
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 J. 17, 01/04/98 J. 3, 01/04/98 J. 2, 01/18/98 I&JT 1, 01/24/98 J&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, 02/20/98 HB&RH 3, 02/08/98 M&MH 6, 02/12/98 H&PH 21, 02/14/98 RS 1, 02/14/98 RS 1, 02/17/98 JBCT 0, 02/21/98 TD 20, 02/21/98 HBGD 25, 02/21/98 BSG 25, 02/21/98 BSG 2, 02/22/98 H&PH 4, 02/24/98 H&PH 200	
Great Blue Heron	01/04/98 J. 1, 01/04/98 J. 1, 01/04/98 J. 3, 01/18/98 J&JT 1, 01/24/98 J&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 J&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 J. 4, 01/04/98 J. 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 HSG 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 J&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 HEPH 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 J. 3, 01/04/98 B. 1, 01/18/98 I&T. 8, 01/18/98 L&T. 2, 01/18/98 L&T. 1, 01/19/98 L&R. 1, 01/24/98 I&TD. 1, 01/24/98 I&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, 02/38/98 M&MH 1, 02/10/98 PLA. 2, 02/12/98 H&PH 20, 02/13/98 RS. 2, 02/14/98 RS. 1, 02/24/98 H&PH 1 20/14/98 RS. 1, 02/20/98 TD. 8, 02/21/98 BSG. 5, 02/21/98 BSG. 5, 02/21/98 T&SD. J. 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 JT 1, 01/04/98 JT 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 J&TD 5, 02/17/98 H&PH 4	
Gadwall	01/04/98 Л 12, 01/18/98 Љ.Т 1, 01/31/98 RS 1, 02/07/98 BSG 6, 02/17/98 Л&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, 02/38/98 M&MH 3, 02/12/98 H&PH 25, 02/17/98 H&PH 5	
Ring-necked Duck	01/04/98 II 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, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/17/98 TD 22	
Hooded Merganser	01/31/98 RS 1, 02/07/98 BSG 1	
Ruddy Duck	01/04/98 N 68, 01/18/98 I&IT 3, 01/24/98 N&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	
Bald Eagle	01/04/98 Л 1, 01/31/98 RS 1, 02/12/98 H&PH 1, 02/14/98 RS 1	
Northern Harrier	01/24/98 Л&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,П 1	
Sharp-shinned Hawk	02/18/98 Л 1, 02/21/98 BSG 1, 02/22/98 T&SD,Л 1, 02/22/98 Н&РН 1	
Cooper's Hawk	02/12/98 Н&РН 1, 02/22/98 Т&SD,Л 2	
Red-shouldered Hawk	01/04/98 Л 1, 01/04/98 Л 1, 01/04/98 Л 3, 01/24/98 Л&TD 3, 01/25/98 ННо 1, 01/25/98 TD 1, 01/27/98 TD 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/12/98 Н&РН 1, 02/13/98 RS 2, 02/14/98 RS 2	
Red-tailed Hawk	01/04/98 JI 2, 01/04/98 JI 1, 01/18/98 LRR 1, 01/23/98 TD 2, 01/24/98 J&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 H&R4 I, 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 Л 1, 01/04/98 Л 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,Л 2	
Merlin	02/09/98 H&PH 1, 02/12/98 H&PH 1	
Wild Turkey	01/24/98 T&TD 1	
Virginia Rail	02/20/98 TD 3, 02/21/98 BSG 1	

Common Name	Data
Sora American Coot	02/20/98 TD 1, 02/21/98 BSG 4 01/04/98 П 44, 01/04/98 П 200, 01/04/98 П 9, 01/04/98 П 200, 01/18/98 ННо 6, 01/18/98 L&JT 25, 01/18/98 J&JT 150, 01/24/98 П&TD 200, 01/27/98 TD 13,
American coor	01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 HHo 20, 01/31/98 RS 1, 02/07/98 HB&RH 100, 02/07/98 BSG 40, 02/08/98 M&MH 226, 02/11/98
Killdeer	LRR, SCⅅ 4, 02/12/98 H&PH 200, 02/14/98 RS 1, 02/14/98 RS 1, 02/17/98 H&TD 55, 02/20/98 TD 40, 02/21/98 BSG 300, 02/24/98 H&PH 50 01/04/98 П 1, 01/04/98 П 1, 01/24/98 H&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
Killueer	010-0196 M 1, 010-0196 M 1, 0112-0196 M 21 M 3, 0112-0196 M 21 M 2
Spotted Sandpiper	02/21/98 BSG 1 01/24/98 J\&TD 1, 02/12/98 H\&PH 1, 02/21/98 BSG 20, 02/22/98 T\&SD,JI 105
Common Snipe American Woodcock	01/24/98 1RE 10 1, 02/12/98 H&PT1 1, 02/21/98 BSO 20, 02/22/98 1&SD,J1 105 01/16/98 1RE 1 02/17/98 H&PT1
Bonaparte's Gull	02/12/98 H&PH 1
Ring-billed Gull Forster's Tern	01/04/98 Л 2, 01/31/98 RS 1, 01/31/98 RS 1, 02/12/98 H&PH 2, 02/17/98 Л&TD 5, 02/20/98 TD 5, 02/21/98 BSG 2, 02/22/98 T&SD,Л 202, 02/24/98 H&PH 5 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
Mourning Dove	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 01/04/98 II 5, 01/04/98 II 3, 01/18/98 HH6 20, 01/18/98 I&IT 2, 01/23/98 TD 14, 01/23/98 II 4, 01/24/98 MT 1, 01/25/98 TD 15, 01/31/98 RS 1, 01/31/98 RS 1, 02/24/98 HB 2, 02/22/98 HB 2, 02/24/98 RS 1, 02/18/98 II 2, 02/20/98 HD 15, 02/21/98 BSG 8, 02/21/98 BSG 8, 02/21/98 TSD, II 6, 02/23/98 II 2
Inca Dove Greater Roadrunner	01/23/98 П 2, 02/18/98 П 2, 02/22/98 T&SD,П 3, 02/23/98 Л 4 01/25/98 J,I&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 Barred Owl	01/04/98 Л 1 01/18/98 LRR 1, 02/24/98 H&PH 1
Belted Kingfisher	01/04/98 HZ, 01/23/98 TD 1, 01/24/98 JETD 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, 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, 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, 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, 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, 01/31/98 RS 1, 02/19/98 TD 1, 02/19/98 TD 1, 01/31/98 RS 1, 02/19/98 TD 1, 02/19/98 TD 1, 01/31/98 RS 1, 02/19/98 TD 1, 02/19/
n 11 1 1 1 1 1 1	02/21/98 BSG 1, 02/21/98 BSG 2
Red-headed Woodpecker Red-bellied Woodpecker	01/18/98 LRR 1, 01/24/98 IJ 5, 01/04/98 IJ 0, 01/04/98 IJ 2, 01/04/98 IJ 1, 01/04/98 IJ 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, 01/18/98 LRR 1, 01/18/98 J&JT 2, 01/18/
Yellow-bellied Sapsucker	01/04/98 JI 1, 01/18/98 J&JT 1, 01/23/98 TD 1, 01/24/98 JJ&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
Downy Woodpecker	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 01/04/98 II 2, 01/04/98 II, 0/11/98 BLET 1, 0/11/98 BLET 1, 01/12/98 BLET 1, 01/12/98 TD 3, 01/23/98 IT 0, 01/24/98 II&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
Hairy Woodpecker	T&SD,II 1 01/04/98 JI 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, 01/04/98 II 1, 01/04/98 II 3, 01/04/
Pileated Woodpecker	01/04/98 Л 1, 01/04/98 Л 1, 01/04/98 Л 1, 01/04/98 Л 1, 01/04/98 Л 2, 01/24/98 Л&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 JI 1, 01/04/98 JI 1, 01/04/98 JI 2, 01/23/98 TD 4, 01/24/98 JACTD 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, 02/24/98 RS 2, 0
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,П 7
Blue-headed Vireo Blue Jay	01/04/98 Л 1 01/04/98 Л 2, 01/04/98 Л 3, 01/04/98 Л 7, 01/04/98 Л 2, 01/15/98 ННо 2, 01/18/98 Ј&JT 2, 01/18/98 Ј&JT 2, 01/20/98 АВ 3, 01/23/98 TD 12, 01/24/98 МТ 1,
Dide 7ay	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, 01/31/98 RS 1, 02/02/98 GF 6, 02/04/98 WHS 5, 02/05/98 MT 2, 02/10/98 HB&RH 3, 02/10/98 FL 1, 02/20/98 TD 3, 02/10/98 FL 1, 02/20/98 TD 4, 02/21/98 FL 3, 02/10/98 FL 3, 02/10/98 FL 3, 02/10/98 FL 3, 02/20/98 FL 3, 02/20/20 FL 3
American Crow	6)/04/98 N 4, 0)/04/98 N 3, 0)/04/98 N 7, 0)/04/98 N 3, 0)/04/98 N 1, 0)/04/98 N 1, 0)/04/98 N 19, 0)/18/98 L&T 1, 0)/18/98 L&T 3, 0)/18/98 L&
Fish Crow	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 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 Northern Rough-winged Swallow	02/09/98 J&JT 1, 02/20/98 TD 2, 02/23/98 JI 2 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 7, 01/18/98 I&PT 5, 01/18/98 L&PT 2, 01/18/98 L&PT 2, 01/18/98 L&PT 3, 01/25/98 II 2, 01/24/98 II 2, 01/24/98 II 3, 01/25/98 II D1, 01/25/98 II D2, 01/25/98 II D1, 01/
Tufted Titmouse	01/04/98 JL 4, 01/04/98 JL 3, 01/15/98 HHG 3, 01/18/98 J&JT 1, 01/18/98 J&JT 2, 01/18/98 LRT 1, 02/10/98 LLT 3, 02/10/98 LLT 3, 02/10/98 LLT 1, 02/10/98 LLT 3, 02/10/98 LLT 1, 02/10/98 LLT 1, 02/10/98 LLT 1, 02/10/98 LLT 1, 02/14/98 LLT 1
Red-breasted Nuthatch	2 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
White-breasted Nuthatch	1, 02/15/98 LRR 2, 02/16/98 TD&DLH 1 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 ННо 1, 01/19/98 TD 2, 01/24/98 Л&TD 1, 01/31/98 RS 1, 02/02/98 GF 2, 02/07/98 НВ&RH 1, 02/12/98 Н&PH 2, 02/15/98 LRR 1, 02/16/98 TD&DLH 1
Brown Creeper Carolina Wren	01/24/98 I&TD 2, 02/14/98 RS 2 01/04/98 II 1, 01/04/98 II 2, 01/04/98 II 5, 01/04/98 II 2, 01/18/98 I&II 1, 01/18/98 I&II 1, 01/21/98 HHo 2, 01/22/98 LRR 1, 01/23/98 TD 10, 01/24/98 J&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,
House Wren	02/24/98 H&PH 1 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,П 1
Winter Wren	01/27/98 TD 1, 02/17/98 TD 1, 02/20/98 TD 4
Sedge Wren	01/24/98 JL&TD 4, 01/25/98 TD 1, 02/14/98 RS 6
Marsh Wren Golden-crowned Kinglet	02/20/98 TD 12, 02/21/98 BSG 1 01/18/98 J&TT 5, 01/24/98 J&TD 6, 02/14/98 RS 1
Ruby-crowned Kinglet	01/04/98 J. 1, 01/04/98 J. 4, 01/04/98 J. 2, 01/04/98 J. 2, 01/04/98 J. 2, 01/04/98 J. 3, 01/18/98 LEJT 2, 0
Blue-gray Gnatcatcher	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 02/14/98 RS 2, 02/14/98 RS 2, 02/14/98 TD 12
Eastern Bluebird	01/04/98 Л 10, 01/04/98 Л 7, 01/04/98 Л 4, 01/04/98 Л 1, 01/20/98 АВ 1, 01/24/98 Л&TD 4, 01/31/98 RS 1, 01/31/98 RS 1, 01/31/98 RS 1, 02/05/98 ННо 2,
Hermit Thrush	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 01/04/98 Л 1, 01/04/98 Л 1, 01/04/98 Л 1, 01/04/98 Л 1, 01/23/98 TD 3, 01/24/98 Л&TD 2, 02/14/98 RS 1, 02/14/98 RS 1
American Robin	01/04/98 II 4, 01/04/99 II 5, 01/18/98 I&E/IT 5, 01/20/98 AB II, 01/23/98 ITD 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 WHIS 2, 02/05/98 MT, 02, 02/16/98 LRR 1, 02/18/98 II 15, 02/20/98 TD 2, 02/21/98 BCS 10, 02/21/98 LRR 1, 02/21/98 II 5, 02/20/98 II 15, 02/20/98 II 16, 01/20/20/98 II 16, 01/

Common Name	Data
Northern Mockingbird	01/04/98 II 7, 01/04/98 II 1, 01/04/
Brown Thrasher	01/04/98 FI, 01/23/98 TD 4, 01/24/98 R&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,II 1
Europèan Starling	01/04/98 П 3, 01/23/98 TD 8, 01/23/98 П 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 П 7, 02/20/98 TD 3, 02/21/98 BSG 4, 02/22/98 H&PH 6, 02/22/98 T&SD Л 200, 02/23/98 П 3, 02/24/98 H&PH 12
American Pipit	02/20/98 TD 3, 02/21/98 BSG 4, 02/22/98 T&SD,Л 1
Cedar Waxwing Orange-crowned Warbler	01/04/98 IT 38, 01/18/98 L&IT 3, 01/18/98 L&IT 3, 01/20/98 AB 1, 01/23/98 IT 14, 01/23/98 TD 25, 01/25/98 HHb 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 IT 1, 02/22/98 T&BPH 17, 02/24/98 H&PH 17, 02/
Cape May Warbler	02/14/98 RS 1, 02/19/98 TD 1, 02/20/98 TD 7, 02/22/98 T&SD,Π 1, 02/24/98 H&PH 2 01/18/98 J&Π 1, 01/24/98 J&TD 1, 01/31/98 RS 1, 02/07/98 HB&RH 1, 02/08/98 M&MH 1, 02/11/98 LRR,SCⅅ 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 II 2, 01/04/98 II 3, 01/04/98 II 3, 01/04/98 II 4, 01/18/98 LRR 7, 01/20/98 AB 10, 01/23/98 TD 60, 01/24/98 II&TD 15, 01/25/98 Hb 12, 01/25/98 TD 180, 01/27/98 TD 2, 01/31/98 RS 1, 01/31/98 RS 1, 02/14/98 RS 3, 02/14/98 RS 1, 02/14/98 RS 3, 02/14/98 RS
Pine Warbler	01/04/98 Л 1, 01/04/98 Л 3, 01/04/98 Л 7, 01/19/98 TD 2, 01/19/98 LRR 1, 01/22/98 LRR 1, 01/24/98 J&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, II 2 01/04/98 II 35, 01/04/98 II 7, 01/04/98 II 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,
Chipping Sparrow	01/04/96 II. 3, 01/04/96 II. 3, 01/04/96 II. 3, 01/04/96 II. 3, 01/04/96 IR. 4, 02/22/98 T&SD, II. 02/22/98 H&PH 26, 02/14/98 IS. 16, 02/14/98 IS. 6, 02/15/98 LRR 4, 02/22/98 T&SD, II. 02/22/98 H&PH 26 01/04/98 II. 01/04/98 II. 01/04/98 II. 01/14/98 LRR 1, 01/23/98 TD 21, 01/24/98 IMCTD 14, 02/10/98 PLH 1, 02/20/98 TD 5, 02/22/98 T&SD, II. 5 02/22/98 H&PH 2
Field Sparrow Vesper Sparrow	01/04/95 11, (10/04/95 11, (10/16/95 EER 1, 01/25/96 EER 1, 01/25/96 EER 1, 02/25/96 EER 1, 02/25/96 EER 1, 02/25/96 EER 2 02/21/98 BSG 2, 02/21/98 BSG 1
Lark Sparrow	02/21/98 BSG 4
Savannah Sparrow	01/04/98 JJ 1, 01/24/98 JJ&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,JJ 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 Л 2, 01/04/98 Л 1, 01/25/98 TD 8, 02/20/98 TD 3, 02/22/98 T&SD,Л 6
Song Sparrow	01/04/98 II 30, 01/04/98 II 2, 01/04/98 II 1, 01/18/98 LRR 8, 01/23/98 TD 2, 01/24/98 I&TD 26, 01/25/98 TD 19, 01/27/98 TD 2, 01/31/98 RS 1, 01/31/98 RS 1, 02/10/98 RS 1, 02/10/98 PLH 2, 02/12/98 H&PH 1, 02/13/98 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,II 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 J&TD 12, 01/31/98 RS 1, 02/14/98 RS 1, 02/17/98 J&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 II 1, 01/04/98 II 31, 01/04/98 II 8, 01/04/98 II 8, 01/04/98 II 11, 01/15/98 HHo 3, 01/18/98 LRT 8, 01/18/98 LRT 2, 01/23/98 TD 55, 01/22/98 LRR 2, 01/23/98 TD 57, 01/24/98 MT 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 3, 02/14/98 MT 3, 02/16/98 TD 50, 02/24/98 MT D 52, 02/21/98 BSG 2, 02/21/98 BSG 5, 02/22/98 H&PH 56, 02/22/98 T&SD,II 33, 02/23/98 II 1, 02/24/98 H&PH 76
White-crowned Sparrow	02/10/98 PLH 6, 02/21/98 BSG 1, 02/22/98 T&SD,N 47, 02/22/98 H&PH 4
Dark-eyed Junco	01/04/98 J. 5, 01/04/98 J. 25, 01/04/98 J. 15, 01/04/98 J. 1, 01/04/98 J. 25, 01/18/98 L&T 2,
Lapland Longspur	02/21/98 BSG 1 01/04/98 Л 13, 01/04/98 Л 9, 01/04/98 Л 5, 01/04/98 Л 4, 01/04/98 Л 8, 01/04/98 Л 2, 01/04/98 Л 6, 01/15/98 ННо 8, 01/18/98 J&JT 8, 01/18/98 J&JT 1, 01/18/98
Northern Cardinal	J&JT 4, 01/20/98 AB 2, 01/22/98 LRR 4, 01/23/98 JJ 2, 01/23/98 TD 15, 01/24/98 MT 2, 01/25/98 TD 15, 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 1, 02/14/98 HB 14, 02/14/98 RS 1, 02/14/98 RS 1, 02/14/98 RS 18, 02/16/98 TD&DLH 2, 02/18/98 JJ 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 JZ, 02/24/98 HB 83 18, 02/16/98 TD&DLH 2, 02/18/98 JJ 4, 02/20/98 TD 9, 02/21/98 HB 3, 02/20/98 JZ 1, 02/24/98 HB 2, 02/24/
Dickcissel '	02/22/98 Tex.SD, II.) 02/23/98 II. 1
Red-winged Blackbird	01/04/98 II 25, 01/04/98 II 12, 01/23/98 II 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, 02/21/98 BSG 75, 02/21/98 BSG 215, 02/22/98 T&SD,II 811, 02/22/98 H&PH 14, 02/23/98 II 1, 02/24/98 H&PH 4, 02/23/98 II 1, 02/24/98 II 1,
Eastern Meadowlark	01/24/98 J&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 JT 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, 02/14/98 RS 19, 02/
Brown-headed Cowbird Purple Finch	01/23/98 11 I.Q. 01/31/98 KS 1, 02/03/98 M1 1, 02/13/98 KS 1, 02/17/98 ILE 1D 9, 02/18/98 ILE 1D 9, 02/18/98 EAST 9, 02/22/98 ILE 3D, 17 90, 02/23/98
House Finch	01/1976 LR I, 01/21/98 LR I, 01/22/98 RT 9, 01/23/98 IT 9, 01/23/9
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, 02/02/98 GF 2, 02/04/98 WHS 2, 02/05/98 HH0 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
House Sparrow	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, II 7, 02/22/98 H&PH 36, 02/23/98 II 1 01/20/98 B 10, 01/23/98 II 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 II 17, 02/22/98 T&SD, II 8, 02/23/98 II 8, 02/23

Printed 1,316 records of 121 species



BIRD STUDY GROUP NEWSLETTER

Volume 12, Number 8 March 26, 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

April 14, 1998

6:30 p.m.

WATCHING WARBLERS

A Video Guide to the Warblers of Eastern North America

Michael Male and Judy Fieth LOUISIANA STATE UNIVERSITY

FIELD TRIPS

Soda Lake - April 4

Atchafalaya Basin Canoe Trip - April 17-19

LOS Annual Spring Meeting - April 24-26

Barksdale Air Force Base Canoe Trail Trip - May 2

North American Migration Count - May 9

BOARD OF DIRECTORS

1997-1998

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President	Jean Trahan (3)	869-5719 W, 868-7360 H
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Open Seat (1)	

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

COMMITTEE CHAIRPERSONS BIRD REPORT Donna Burney 742-6829 H

BIRD REPORT	Donna Burney	742-6829 H
	Will Smolenski	865-2938 H
BIRD HOT SPOTS	Larry Raymond	929-2806W, 929-3117 H
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NEWSLETTER	Jim Ingold	797-5236 W, 742-5067 H
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	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

April 4 - Soda Lake. Contact person: Larry Raymond.

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

April 24, 25, 26 - LOS Annual Spring meeting.

May 2 - Barksdale Air Force Base Canoe Trail trip. Contact: TBA

May 9 - North American Migration Count. Contact: Hubert Hervey

Editors note: For details on these trips, see Outings for the Remainder of the Birding Year 1997-1998 on this page of the newsletter.

Hubert Hervey: 925-9249 Vernon Miller: 865-0152 Larry Raymond: 929-2806

ABOUT THE PROGRAM

Our April program is a video presentation of a film by Michael Male and Judy Fieth. Entitled, "Watching Warblers: A Video Guide to the Warblers of Eastern North America," it has been getting rave reviews. The video shows all 39 wood warblers found in the eastern United States and for most, includes nests and young. All species are represented by close-ups of males and females and includes habitat and range information. Both Siskel and Ebert gave it two thumbs up ③.

BANDING RESULTS

DICKSON DEER FARM

On Saturday, 28 February 1998, the Bird Study Group had their annual trek to Paul Dickson's deer farm for the banding of the birds. Seventy-four individuals of nine species were mist-netted and banded:

Field Sparrow	1
Song Sparrow	13
Lincoln's Sparrow	2
Swamp Sparrow	6
White-throated Sparrow	1
White-crowned Sparrow	42
Dark-eyed Junco	. 2
Northern Cardinal	3
Red-winged Blackbird	4

Of the White-crowned Sparrows, 30 of the 42 (71%) were juvenile birds and the rest were adults, or birds at least in their third year of life. No birds that had been banded in previous years were recaptured. Species seen but not banded included: Cinnamon Teal, Eastern Bluebird, and Great Blue Heron plus many other species, which can be found in the bird report at the end of this newsletter.

OUTINGS FOR THE REMAINDER OF THE BIRDING YEAR 1997-1998

By Hubert Hervey

Special Note: Some of the outings I was scheduled to lead will need to have volunteers to take my place. I have a job that starts on the 15th of April that will allow very little free time. I need volunteers for the following outings:

May 2- Barksdale Air Force Base Canoe Trail trip.

May 23- A Survey of North LA Breeding Warblers.

June 6- Kisatchie National Forest - Longleaf Pine Vista.

June 20 - Barksdale Air Force Base Waterbird Rookery.

June 27 - Clark's Island on the Red River.

If you feel you can lead any of these trips, please contact me ASAP at 925-9249, or some of these great trips will be in danger of being cancelled.

I think I will be able to lead the following trips:

April 17, 18 and 19 - Atchafalaya Basin Canoe Trip May 9 - North American Migration Count.

April 4 - Soda Lake. Resident woodland species should be returning and late wintering birds should still be present along with some migrants. The habitat is woods and water, and some years, a wading bird rookery is in use here. Leave the N. Market St. WhatABurger at 7:00 a.m. Leader: Larry Raymond.

April 24, 25, 26 - LOS Annual Spring Meeting. This is the most popular of the LOS meetings with a usual count of over 200 species including many beautiful warblers. Unusual birds are always expected and Sunday is usually spent chasing down the best birds of Saturday that you missed seeing. You could go to Cameron Parish for 20 years of LOS meetings and still discover new areas to bird.

May 2 - Barksdale Air Force Base Canoe Trail Trip. Mark Norris Canoe Outfitters has agreed to furnish canoes again for this trip into the wild, flooded wetlands of BAFB where 'gators and deer abound. The trail passes through the center of the BAFB rookery where you will get as close to nesting egret, heron, Anhinga and White Ibis, as you desire. Tricolored Heron nested and raised 2 young here last year. Meet at the Shreve Island Shopping Center in front of the Video Store at 7:00 a.m. Expect the usual hassle getting into the base. All participants must have a picture ID. Drivers must have current license, registration and insurance, in order to enter the base. This is an easy half-day trip with a picnic at the end. Provide your own food and drink. Leader: TBA

May 9 - North American Migration Count. We have participated in this count since its start. New members are always welcome. See the article "Outings and Warblers" in the April Newsletter for more details. Feeder watchers are needed. Contact Hubert Hervey for area assignments. We cover all of Caddo Parish, and occasionally spill over into other neighboring parishes. Larry, can we please meet at your home for the count tally? Coordinator: Hubert Hervey.

May 16 - Bayou Dorcheat Natural Scenic Waterway. We look forward to returning to this beautiful stream, and hope for better weather for this trip. Mark Norris Canoe Outfitters has agreed to furnish the canoes. This trip takes a little over half a day, so provide your own food and drinks accordingly. Meet at Bayou Inn Catfish Restaurant in Dixie Inn at 7:30 a.m. Leader: Roy Henderson.

May 23 - A Survey of North LA Breeding Warblers. We will go to the woods where we hope the warblers are. Special effort will be made to locate Hooded, Kentucky, Swainson's, and Worm-eating Warblers, and Louisiana Waterthrush. The participants can choose what warblers they want us to locate and we will try to do so. This is an all day trip, carpooling is suggested. See the special article titled "Outings and Warblers" in the April Newsletter for full details. Leave from LSUS parking lot at 6:00 a.m. For the dedicated birder or those wanting to learn more about warblers. Leader: TBA.

June 6 - Kisatchie National Forest - Longleaf Pine Vista. We will try to locate the specialties of the area; Red-cockaded Woodpecker and Bachman's Sparrow. This is an all day trip, with picnic planned if we can find the picnic area. The scenery is delightful and the birding usually produces what we expect. Leader: TBA.

June 20 - BAFB Rookery. Drive in trip (sometimes we walk). Thousands of waterbirds and waders can be seen on the nest at the most raucous time. No walking to moderate walking, depending upon the powers that be. Bring drink and snacks for a half day. Leader: TBA.

June 27 - Clark's Island on the Red River. Meet at Clark's Marina, south of McDade, off US 71 in Bossier Parish at 7:30 a.m. Bring a boat or canoe if you have one. We will attempt to get all members out to the island whether or not you have water transport. That doesn't mean you will have to swim. We hope the Least Terns and Black-necked Stilts will be nesting again at this location, as they did so successfully last year. Leader: TBA. Paul Dickson, could you please help me out on this one?

More information can be obtained from the trip leaders at these numbers:

Terry Davis: 741-1115
Paul Dickson: 798-1000
Hubert Hervey: 925-9249
Mac Hardy: 797-5338
Jim Ingold: 797-5236
Charles Lyon: 865-2674
Larry Raymond: 929-2806

BOARD MEMBERS NEEDED

Are you interested in making decisions on how the Bird Study Group functions? Then become a board member! Let any of the officers know that you are interested in playing an important role in the functioning of the Bird Study Group.

OUTINGS AND WARBLERS

By Hubert Hervey

In keeping with the theme of this month's program, which is warblers, we have several outings on which you are likely to see these colorful birds. Our area has fourteen species of nesting warblers. Wouldn't it be something to find most of these in one day? That is the object of the "Warbler Day".

- (1) Warbler Day May 23, 1998. This is our club's first ever outing intended to showcase the warblers breeding in northwestern Louisiana. The possibility of seeing many of these fourteen warblers, should enhance the enjoyment of this daylong outing. Northern Parula, Yellow-throated Warbler, Pine Warbler, Prairie Warbler, Black-and-White Warbler, American Redstart, Prothonotary Warbler, Worm-eating Warbler, Swainson's Warbler, Louisiana Waterthrush, Kentucky Warbler, Common Yellowthroat, Hooded Warbler, and Yellow-breasted Chat, would be a colorful memory!
- (2) North American Migration Count May 10, 1998. I am always surprised by how many warblers are turned in on the NAMC day of counting birds. We counted 139 species of birds in 1997, an increase of twelve over 1996. Is it too much to expect around 140 species this year? All the regular participants have located favorite areas, and look forward to this big day. In fact, I think we could replace the defunct official "big day" with the new title "NAMC Big Day", because I think more species are counted on this outing than on any other. In order for you to participate, contact me at 925-9249 and I will assign an area to you or put you in touch with an existing group.
- (3) All other outings. Of course, we see warblers on every outing we take. The spring dates are more productive for migrating warblers than the fall dates. And the warblers are easier to identify too. Our best warbler locations include C. Bickham-Dickson Park, Walter B. Jacobs Nature Park, Soda Lake, and the woodlands along the Red River (boat launch area). I am looking for a vacant day to squeeze in this last location for an outing. But nonetheless, warblers are where you find them. Profound, I know! Where might the best warbler locations be?

Two of my favorite warbler habitats are pecan orchards (especially when in bloom with catkins dangling), and the woodlands that border many of our area lakes and streams. The insects, produced by the water areas, and the insects attracted to blooming trees such as black willow, seem to act like warbler magnets. The successful over-wintering of the Cape May Warbler on Cross Lake illustrates this point. Area lakes, particularly, Wallace Lake, the north end of Toledo Bend, Bodcau Bayou, Caddo Lake and Lake Bistineau, all have good warbler habitat. So get out

and have a good time warbling? Warblering? Yellow bird watching!

NEXT BOARD MEETING

The next meeting of the Board of Director of the Bird Study Group is scheduled for Tuesday 7 April 1998. We will meet at 7:00 p.m. in the Museum of Life Sciences. The agenda will include filling vacancies on the board and the candidate selection for board members for 1998-1999.

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

PROGRAM: The speaker was John Darling who spoke about birding while on his trips to Spain and the far east. The title of his presentation was "Boleros, Buddhas, and Binoculars."

COMMITTEE REPORTS

Treasurer's Report: The balance at Hibernia reported on February 10 was \$981.74. Since that time the club has had income of \$153.88 which includes the check from Kroger for \$100.88 reported last month. Expenses were \$504.85. This leaves a balance in the bank of \$630.77.

Programs: Larry Raymond reported that in April we will view a warbler video. In May Roger Breedlove will speak on birds on the Louisiana review list.

Membership: Shirley Huss reported that the club has about 130 members on record.

Field Trips: Hubert Hervey said that the canoe trip in the Atchafalaya Basin has been changed to April 17, 18, and 19. Terry Davis will lead the trip to Loggy Bayou on March 28, and Larry Raymond will lead the outing to Soda Lake on April 4.

Use your Kroger Card It helps the BSG

BIRD NOTES – MARCH

Compiled March 24, 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	Athie Bell	02/20/98 Shreveport, Residence, 709 Hyde Park
BSG	Bird Study Group	02/21/98 SW Bossier Parish, 02/28/98 Dickson Deer Farm
CL&HJ	Charles Lyon and Horace Jeter	02/18/98 Gilliam and Hwy 71 North, 02/22/98 North Cross Lake & Hwy 71 N., 02/25/98 Lock & Dam No. 5
CL&RB	Charles Lyon and Roger Breedlove	02/16/98 Yearwood Road area, 02/28/98 North Lakeshore, Walter Jacobs Park, 02/28/98 Red River Experimental Station, 03/01/98 Ramsey Farm off Hwy. 71, north of Shreveport
E&SH	Ed & Shirley Huss	02/21/98 LSU Soccer Fields, 03/08/98 Hwy #71 & Lock&Dam #5
H&PH H&PH&GW	Hubert and Pat Hervey Hubert &Pat Hervey &Greg Warren	02/26/98 1-49, Evelyn Exit and Crow Road, 03/03/98 Stonewall, Hervey Farm, 03/06/98 1-49, near Ajax Exit, 03/06/98 1-49, Stonewall Exit, 03/06/98 Lock and Dam No. 4, 03/09/98 Clear Lake Dam, 03/12/98 Stonewall, Hervey Farm, 03/17/98 Stonewall, Hervey Farm 01/04/98 Elm Grove area, Blackie Snyder Farm
HHo	Helen Hood	02/17/98 Shreveport, Residence: 3237 Green Terrace, 02/22/98 Shreveport, Residence: 3237 Green Terrace, 02/22/98 Shreveport, South Lakeshore Drive Boat Launch, 02/25/98 Shreveport, Residence: 3237 Green Terrace, 03/07/98 Shreveport, Residence: 3237 Green Terrace
J&JT	Jeff and Jean Trahan	02/14/98 Harts Island Road (Robson-Ellerbe), 03/01/98 Walter B. Jacobs Nature Park, 03/08/98 I-49 South to Carmel, 03/08/98 Smithport Lake
Л	Jim Ingold	02/24/98 Lock & Dam No. 5, 02/24/98 US Hwy 71 from Jimmy Davis Hwy to Lock & Dam No. 5, 03/01/98 Clark's Landing Marina, 03/01/98 Lock & Dam No. 5, 03/01/98 US Hwy 71 from Jimmy Davis Hwy to Lock & Dam No. 5, 03/03/98 Residence, Bossier City, 03/04/98 Shreveport, Marie Hamel Memorial Park and Champion Lake overflow, 03/06/98 Shreveport, C. Bickham-Dickson Park, 03/06/98 Shreveport, Marie Hamel Memorial Park and Champion Lake overflow, 03/05/98 Shreveport, Marie Hamel Memorial Park and Champion Lake overflow, 03/10/98 Shreveport, C. Bickham-Dickson Park, 03/15/98 I-49 @ Evelyn Exit, 03/15/98 I-49 @ Powhatan Exit and Barrow Pits, 03/15/98 I-49 @ Stonewall Exit, 03/17/98 Residence, Bossier City
JI&ML PD	Jim Ingold and Marc Lukens Paul Dickson	03/01/98 Residence, Bossier City 03/02/98 Farm on Leonard Rd, 03/03/98 S.Bossier Pr, 03/03/98 W.Bienville Pr, 03/04/98 Farm
		on Leonard Rd, 03/06/98 Farm on Leonard Rd, 03/16/98 Farm on Leonard Rd
RS	Rosemary Seidler	02/27/98 Highway 71 Catfish Ponds, 02/28/98 Hart's Island Road, 02/28/98 Highway 1 between Leonard Rd. and Lock & Dam No. 5, 02/28/98 Lock & Dam No. 5, 02/28/98 Yearwood Road, 03/01/98 Centenary College
SH	Shirley Huss	02/28/98 Shreveport, LSUS Soccer Field, 03/15/98 Shreveport, LSUS Soccer Field
SH&CN	Shirley Huss & Cindy Norgard	03/08/98 Residence on Capilano Ln.
TD,PD,E&SH,	T.Davis, P.Dickson, E&S.Huss,	01/29/98 Dickson Farm on Leonard Rd
RS,&JT	R.Seidler, J.Trahan	
		RECORDS
Common Name	01/04/00 118 DITE CIVI 14 00/14/00	Data
Common Name Pied-billed Grebe	RS 4, 02/28/98 RS 4, 02/28/98 CI F&SH 4, 03/09/98 H&PH 2, 03/15	Data 8 CL&RB 3, 02/18/98 CL&HJ 3, 02/22/98 CL&HJ 6, 02/24/98 Л 4, 02/24/98 Л 6, 02/25/98 CL&HJ 6, 02/26/98 H&PH 9, 02/27/98 L&RB 1, 02/28/98 CL&RB 4, 02/28/98 BSG 1, 03/01/98 Л 1, 03/01/98 Л 9, 03/01/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 1/89 Л 5 03/15/98 Л 3
	RS 4, 02/28/98 RS 4, 02/28/98 C E&SH 4, 03/09/98 H&PH 2, 03/15 01/04/98 H&PH&GW 265, 02/21/	Data 8 CL&RB 3, 02/18/98 CL&HJ 3, 02/22/98 CL&HJ 6, 02/24/98 Л 4, 02/24/98 Л 6, 02/25/98 CL&HJ 6, 02/26/98 H&PH 9, 02/27/98 L&RB 1, 02/28/98 CL&RB 4, 02/28/98 BSG 1, 03/01/98 Л 1, 03/01/98 Л 9, 03/01/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 /98 E&SH 3, 02/21/98 BSG 84, 02/22/98 CL&HJ 2, 02/24/98 Л 1, 02/25/98 CL&HJ 8, 02/28/98 RS 2, 03/01/98 Л 10, 03/01/98 Л
Pied-billed Grebe	RS 4, 02/28/98 RS 4, 02/28/98 CI E&SH 4, 03/09/98 H&PH 2, 03/15 01/04/98 H&PH&GW 265, 02/21/ 15, 03/04/98 II.5, 03/08/98 E&SH 01/04/98 H&PH&GW 51, 02/16/9 02/28/98 RS 7, 02/28/98 CL&RB	Data 8 CL&RB 3, 02/18/98 CL&HJ 3, 02/22/98 CL&HJ 6, 02/24/98 II 4, 02/24/98 II 6, 02/25/98 CL&HJ 6, 02/26/98 H&PH 9, 02/27/98 L&RB 1, 02/28/98 CL&RB 4, 02/28/98 BSG 1, 03/01/98 II 1, 03/01/98 II 9, 03/01/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 1/98 E&SH 3, 02/21/98 BSG 84, 02/22/98 CL&HJ 2, 02/24/98 II 1, 02/25/98 CL&HJ 8, 02/28/98 RS 2, 03/01/98 II 10, 03/01/98 II 14 14 18 CL&RB 12, 02/18/98 CL&HJ 1, 02/22/98 CL&HJ 500, 02/24/98 II 325, 02/24/98 II 12, 02/25/98 CL&HJ 750, 02/27/98 RS 3, 15, 02/28/98 CL&RB 25, 02/28/98 BSG 200, 03/01/98 II 278, 03/01/98 II 10, 03/01/98 II 6, 03/01/98 I
Pied-billed Grebe American White Pelican	RS 4, 0278/98 RS 4, 02728/98 CI E&SH 4, 01/09/98 H&PH 2, 03/15 01/04/98 H&PH&GW 265, 02/21/ 15, 03/04/98 H5, 91/08/98 E&SH 01/04/98 H&PH&GW 51, 02/16/5 02/28/98 RS 7, 02/28/98 CL&RB 03/06/98 H8, 03/06/98 H&PH 22, 01/04/98 H&PH&GW 2 01/04/98 H&PH&GW 02/16/9	Data 8 CL&RB 3, 02/18/98 CL&HJ 3, 02/22/98 CL&HJ 6, 02/24/98 Л 4, 02/24/98 Л 6, 02/25/98 CL&HJ 6, 02/26/98 H&PH 9, 02/27/98 L&RB 1, 02/28/98 CL&RB 4, 02/28/98 BSG 1, 03/10/98 Л 3, 03/10/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 /98 I. 3, 03/21/98 BSG 84, 02/22/98 CL&HJ 2, 02/24/98 Л 1, 02/25/98 CL&HJ 8, 02/28/98 RS 2, 03/01/98 Л 10, 03/01/98 Л 14 88 CL&RB 12, 02/18/98 CL&HJ 1, 02/22/98 CL&HJ 500, 02/24/98 Л 325, 02/24/98 Л 12, 02/25/98 CL&HJ 750, 02/27/98 RS 3, 15, 02/28/98 CL&RB 25, 02/28/98 BSG 200, 03/01/98 Л 278, 03/01/98 Л 10, 03/01/98 Л 6, 03/01/98 CL&RB 1, 03/04/98 Л 6, 03/01/98 CL&HJ 50, 03/05/98 CL&HJ 8, 02/28/98 RS 3, 03/01/98 Л 6, 03/01/98 Л 6, 03/01/98 Л 6, 03/01/98 Л 6, 03/01/98 CL&HJ 1, 03/05/98 CL&HJ 1, 03/05/98 CL&HJ 1, 02/25/98 CL&HJ 1, 02/25
Pied-billed Grebe American White Pelican Double-crested Cormorant Anhinga	RS 4, 0/28/98 RS 4, 0/2/8/98 C 1 E&SH 4, 01/09/98 H&PH 2, 03/15 01/04/98 H&PH&GW 265, 02/21/ 15, 03/04/98 H5, 19/08/98 E&SH 01/04/98 H&PH&GW 51, 02/16/5 02/28/98 RS 7, 02/28/98 CL&RB 03/06/98 H8, 03/06/98 H&PH 2, 01/04/98 H&PH&GW 10, 02/16/9 H&PH 2, 02/27/99 RS 2, 02/28/98 03/06/98 H&PH 5, 03/06/98 H5, 0 01/04/98 H&PH&GW 9, 02/16/98 02/27/98 RS 7, 02/26/98 RS 18, 0 03/06/98 RS 7, 02/26/98 RS 18, 0	Data 8 CL&RB 3, 02/18/98 CL&HJ 3, 02/22/98 CL&HJ 6, 02/24/98 Л 4, 02/24/98 Л 6, 02/25/98 CL&HJ 6, 02/26/98 H&PH 9, 02/27/98 L&RB 1, 02/28/98 CL&HJ 6, 02/26/98 H&PH 9, 02/27/98 L&RB 1, 02/28/98 CL&RB 4, 02/28/98 BSG 1, 03/10/98 Л 1, 03/01/98 Л 9, 03/01/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 13, 93/15/98 L3 93/16/98 Л 3, 03/21/98 BSG 84, 02/22/98 CL&HJ 2, 02/24/98 Л 1, 02/25/98 CL&HJ 8, 02/28/98 RS 2, 03/01/98 Л 10, 03/01/98 Л 14 88 CL&RB 12, 02/18/98 CL&HJ 1, 02/22/98 CL&HJ 500, 02/24/98 Л 325, 02/24/98 Л 12, 02/25/98 CL&HJ 750, 02/27/98 RS 3, 15, 02/28/98 CL&RB 2, 02/28/98 BSG 200, 03/01/98 Л 278, 03/01/98 Л 10, 03/01/98 Л 6, 03/01/98 Л 6, 03/01/98 Л 5, 02/28/98 CL&BJ 2, 03/01/98 Л 6, 03/01/98 Г 6, 03/01/98 Г 6, 03/01/98 CL&RB 2, 03/06/99 Л 3, 03/15/98 SG 1 Л 6, 03/01/98 CL&RB 2, 03/06/99 Л 3, 03/15/98 BSG 1, 03/06/98 Г Л 6, 03/01/98 CL&RB 1, 03/06/98 Л 3, 03/15/98 SG 1 Л 6, 03/01/98 Г 1, 02/26/98 П 5, 03/08/98 ESG 1, 03/01/98 Г 1, 03/06/98 Л 3, 03/06/
Pied-billed Grebe American White Pelican Double-crested Cormorant Anhinga Great Blue Heron Great Egret Snowy Egret	RS 4, 02/28/98 RS 4, 02/28/98 C 10/28/98 C 10/28/98 C 10/28/98 G 10/29/98 H&PH 2, 03/15 01/04/98 H&PH&GW 265, 02/21/15, 03/04/98 B 15, 03/06/98 B 18, 03/06/98 RS 7, 02/28/98 C L&RB 03/06/98 RS 7, 02/28/98 C L&RB 03/06/98 B 18, 03/06/98 H&PH&CW 2 01/04/98 H&PH&GW 2 01/04/98 H&PH&GW 2 01/04/98 H&PH&GW 2 03/06/98 H&PH 3, 03/06/98 J 5, 01/04/98 H&PH 5, 03/06/98 J 5, 01/04/98 H&PH&GW 9, 03/06/98 O2/27/98 RS 7, 02/28/98 RS 18, 03/06/98 H&PH 2, 03/08/98 J 5, 03/06/98 H&PH&GW 2, 03/16/98	Data 8 CL&RB 3, 02/18/98 CL&HJ 3, 02/22/98 CL&HJ 6, 02/24/98 Л 4, 02/24/98 Л 6, 02/25/98 CL&HJ 6, 02/26/98 H&PH 9, 02/27/98 L&RB 1, 02/28/98 CL&RB 4, 02/28/98 BSG 1, 03/01/98 Л 1, 03/01/98 Л 9, 03/01/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 13, 03/16/98 IJ 3, 03/01/98 BSG 84, 02/22/98 CL&HJ 2, 02/24/98 Л 1, 03/01/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 I/8 CL&RB 12, 02/18/98 CL&HJ 1, 02/22/98 CL&HJ 2, 02/24/98 Л 12, 02/24/98 Л 12, 02/28/98 RS 2, 03/01/98 Л 10, 03/01/98 Л 18 CL&RB 12, 02/18/98 CL&HJ 1, 02/22/98 CL&HJ 500, 02/24/98 Л 325, 02/24/98 Л 12, 02/25/98 CL&HJ 750, 02/27/98 RS 3, 15, 02/28/98 E&SH 44, 03/15/98 Л 5, 03/15/98 Л 1, 03/01/98 Л 6, 03/01/98 Л 6, 03/01/98 CL&RB 1, 03/04/98 Л 6, 03/08/98 E&SH 44, 03/15/98 Л 2, 03/224/98 CL&HJ 4, 02/22/98 HH6 8, 02/24/98 Л 7, 02/24/98 Л 1, 02/25/98 CL&HJ 1, 02/26/98 RS 1, 03/08/98 E&SH 42, 03/08/98 E&SH 43, 03/08/98 E&SH 1, 03/08/98 HBC 2, 03/218/98 HH6 22, 02/24/98 RJ 3, 03/06/98 Л 3, 03/06/98 Л 3, 03/06/98 Л 1, 03/08/98 E&SH 1, 03/08/98 E&SH 2, 03/18/98 RJ 1, 03/08/98 E&SH 2, 03/18/98 RJ 1, 03/08/98 E&SH 2, 03/18/98 RJ 3, 03/06/98 Л 3,
Pied-billed Grebe American White Pelican Double-crested Cormorant Anhinga Great Blue Heron Great Egret	RS 4, 02/28/98 RS 4, 02/28/98 CL E&SH 4, 01/09/98 HæPH 2, 03/15 01/04/98 HæPH&GW 265, 02/21/ 15, 03/04/98 IJ 5, 03/08/98 E&SH 01/04/98 HæPH&GW 51, 02/16/9 02/28/98 RS 7, 02/28/98 CL&RB 03/06/99 IB, 03/06/98 HæPH 22, 01/04/98 HæPH&GW 10, 02/16/9 HæPH 2, 02/27/98 RS 2, 02/28/98 03/06/98 HæPH 5, 03/06/98 IJ 6, 01/04/98 HæPH&GW 9, 02/16/9 02/27/98 RS 7, 02/28/98 RS IS, 03/06/98 HæPH 2, 03/08/98 J&IT 01/04/98 HæPH&GW 2, 03/16/98 01/04/98 HæPH&GW 2, 03/16/98 01/04/98 HæPH&GW 2, 03/16/98	Data 8 CL&RB 3, 02/18/98 CL&HJ 3, 02/22/98 CL&HJ 6, 02/24/98 Л 4, 02/24/98 Л 6, 02/25/98 CL&HJ 6, 02/26/98 H&PH 9, 02/27/98 L&RB 1, 02/28/98 CL&RB 4, 02/28/98 BSG 1, 03/01/98 Л 1, 03/01/98 Л 9, 03/01/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 /98 E&SH 3, 02/21/98 BSG 84, 02/22/98 CL&HJ 2, 02/24/98 Л 1, 02/25/98 CL&HJ 8, 02/28/98 RS 2, 03/01/98 Л 10, 03/01/98 Л 8 CL&RB 12, 02/18/98 CL&HJ 1, 02/22/98 CL&HJ 500, 02/24/98 Л 325, 02/24/98 Л 12, 02/25/98 CL&HJ 750, 02/27/98 RS 3, 15, 02/28/98 CL&RB 25, 02/28/98 BSG 200, 03/01/98 Л 278, 03/01/98 Л 10, 03/01/98 Л 6, 03/01/98 CL&RB 1, 03/04/98 Л 6, 03/08/98 E&SH 4, 03/15/98 Л 5, 03/15/98 Л 1 8 CL&RB 4, 02/18/98 CL&HJ 2, 02/22/98 CL&HJ 4, 02/22/98 HH6 8, 02/24/98 Л 7, 02/24/98 Л 1, 02/25/98 CL&HJ 1, 02/26/98 RS 1, 03/08/98 E&SH 4, 03/15/98 CL&RB 2, 03/08/98 E&SH 1, 03/09/98 H&PH 1, 03/15/98 Л 3, 03/15/98 Л 1, 03/01/98 Л 2, 03/01/98 CL&RB 2, 03/06/98 Л 3, 03/08/98 E&SH 1, 03/08/98 H&PH 1, 03/15/98 Л 3, 03/16/98 Л 3, 03/06/98 Л 3, 0
Pied-billed Grebe American White Pelican Double-crested Cormorant Anhinga Great Blue Heron Great Egret Snowy Egret Little Blue Heron Tricolored Heron Cattle Egret	RS 4, 0278/98 RS 4, 0278/98 CI E&SH 4, 03/09/98 H&PH 2, 03/15 01/04/98 H&PH&GW 265, 0272/1 15, 03/04/98 H5, 03/16/98 E&SH 01/04/98 RS 7, 0278/98 CL&RB 03/06/98 H8, 03/06/98 H&PH 22, 01/04/98 H&PH&GW 2 01/04/98 H&PH&GW 10, 02/16/9 H&PH 2, 02/27/98 RS 2, 02/28/98, 03/06/98 H&PH 5, 03/06/98 HS, 18, 03/06/98 H&PH 5, 03/06/98 RS 18, 03/06/98 H&PH 5, 03/06/98 RS 18, 03/06/98 H&PH&GW 2, 03/16/98 03/06/98 H&PH&GW 2, 03/16/98 01/04/98 H&PH&GW 9, 03/16/98 01/04/98 H&PH&GW 19, 03/16/98 01/04/98 H&PH&GW 19, 03/16/98	Data 8 CL&RB 3, 02/18/98 CL&HJ 3, 02/22/98 CL&HJ 6, 02/24/98 Л 4, 02/24/98 Л 6, 02/25/98 CL&HJ 6, 02/26/98 H&PH 9, 02/27/98 L&RB 1, 02/28/98 CL&RB 4, 02/28/98 BSG 1, 03/01/98 Л 1, 03/01/98 Л 9, 03/01/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 J98 LS, 03/15/98 LJ 8, 03/01/98 LJ&RB 1, 03/06/98 H&PH 24, 03/08/98 J98 LS, 03/01/98 BSG 84, 02/22/98 CL&HJ 2, 02/24/98 Л 1, 02/25/98 CL&HJ 8, 02/28/98 RS 2, 03/01/98 Л 10, 03/01/98 Л 14 86 CL&RB 12, 02/18/98 CL&HJ 1, 02/22/98 CL&HJ 500, 02/24/98 Л 325, 02/24/98 Л 12, 02/25/98 CL&HJ 750, 02/27/98 RS 3, 15, 02/28/98 E&SH 44, 03/15/98 Л 3, 03/01/98 Л 278, 03/01/98 Л 10, 03/01/98 Л 6, 03/01/98 CL&RB 1, 03/04/98 Л 6, 03/01/98 CL&RB 1, 03/04/98 Л 6, 03/03/98 E&SH 44, 03/15/98 Л 3, 03/15/98 Л 1 86 CL&RB 4, 02/18/98 CL&HJ 2, 02/22/98 CL&HJ 4, 02/22/98 HHG 8, 02/24/98 Л 7, 02/24/98 Л 1, 02/25/98 CL&HJ 1, 02/26/98 RS 1, 02/28/98 RS 5, 03/08/98 E&SH 44, 03/15/98 Л 3, 03/08/98 LB SH 3, 03/18/98 LB SH 3, 03/18/98 LB SH 3, 03/0
Pied-billed Grebe American White Pelican Double-crested Cormorant Anhinga Great Blue Heron Great Egret Snowy Egret Little Blue Heron Tricolored Heron	RS 4, 0/28/98 RS 4, 0/2/8/98 CL E&SH 4, 01/09/98 HæPH 2, 03/15 01/04/98 HæPH&GW 265, 02/21/ 15, 03/04/98 IT 5, 03/08/98 E&SH 01/04/98 HæPH&GW 51, 02/16/9 02/28/98 RS 7, 02/28/98 CL&RB 03/06/98 IR, 03/06/98 HæPH 22, 01/04/98 HæPH&GW 12 01/04/98 HæPH&GW 10, 02/16/9 HæPH 2, 02/27/98 RS 2, 02/28/98 03/06/98 HæPH 5, 03/06/98 IT, 5, 01/04/98 HæPH&GW 9, 02/16/98 02/27/98 RS 7, 02/28/98 RS 18, 1 03/06/98 HæPH 2, 03/06/98 IS, 1 03/06/98 HæPH&GW 2, 03/16/98 01/04/98 HæPH&GW 10, 03/16/98 01/04/98 HæPH&GW 18, 03/16/98 01/04/98 HæPH&GW 18, 03/16/98 01/04/98 HæPH&GW 18, 03/16/98 01/04/98 HæPH&GW 18, 03/16/98 01/04/98 HæPH&GW 19, 02/28/99 01/04/98 HæPH&GW 18, 03/16/98 02/24/98 IT, 02/28/98 CL&BH 02/18/98 CL&HI 6, 02/21/98 E&S L&TT 4 03/09/98 H&PH2 E&S	Data 8 CL&RB 3, 02/18/98 CL&HJ 3, 02/22/98 CL&HJ 6, 02/24/98 JI 4, 02/24/98 JI 6, 02/25/98 CL&HJ 6, 02/26/98 H&PH 9, 02/27/98 L&RB 1, 02/28/98 CL&RB 4, 02/28/98 BSG 1, 03/01/98 JI 1, 03/01/98 JI 9, 03/01/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 J98 JS 3, 03/01/98 CL&RB 3, 02/28/98 RS 2, 03/01/98 JI 10, 03/01/98 JI 14 98 CL&RB 12, 02/18/98 CL&HJ 1, 02/22/98 CL&HJ 500, 02/24/98 JI 1, 02/25/98 CL&HJ 8, 02/28/98 RS 2, 03/01/98 JI 10, 03/01/98 JI 15, 02/28/98 CL&RB 25, 02/28/98 BSG 200, 03/01/98 JI 278, 03/01/98 JI 10, 03/01/98 JI 6, 03/01/98 CL&RB 1, 03/04/98 JI 5, 02/28/98 CL&RB 25, 02/28/98 BSG 200, 03/01/98 JI 278, 03/01/98 JI 10, 03/01/98 JI 6, 03/01/98 CL&RB 1, 03/04/98 JI 6, 03/01/98 CL&RB 1, 03/08/98 BSG 200, 03/01/98 JI 278, 03/01/98 JI 10, 03/01/98 JI 6, 03/01/98 CL&RB 1, 03/08/98 BSG 1, 03/08/98 ES 5, 02/28/98 CL&RB 2, 03/28/98 CL&RB 2, 03/08/98 JB 3, 03/08/98 BSG 1, 03/01/98 JI 4, 03/08/98 JB 3, 03/08
Pied-billed Grebe American White Pelican Double-crested Cormorant Anhinga Great Blue Heron Great Egret Snowy Egret Little Blue Heron Tricolored Heron Cattle Egret Black-crowned Night-Heron	RS 4, 0/28/98 RS 4, 0/2/8/98 CL E&SH 4, 01/09/98 HæPH 2, 03/15 01/04/98 HæPH&GW 265, 02/21/15, 03/04/98 IT 5, 03/08/98 E&SH 01/04/98 HæPH&GW 51, 02/16/9 02/28/98 RS 7, 02/28/98 CL&RB 03/06/98 IR 3, 03/06/98 HæPH 22, 01/04/98 HæPH&GW 10, 02/16/9 HæPH 2, 02/27/98 RS 2, 02/28/98 03/06/98 HæPH 5, 03/06/98 IT 5, 01/04/98 HæPH 26 GW 10, 02/16/9 02/27/98 RS 7, 02/28/98 RS 18, 10 03/06/98 HæPH 5, 03/06/98 IS 18, 10 03/06/98 HæPH 2, 03/06/98 IS 18, 10 03/06/98 HæPH 2, 03/06/98 IS 18, 10 03/06/98 HæPH&GW 2, 03/16/98 01/04/98 HæPH&GW 12, 03/16/98 01/04/98 HæPH&GW 18, 03/15/9 02/24/98 IT, 02/28/98 CL&RB 6 02/18/98 CL&H 16, 02/21/98 E&S JæIT 4, 03/09/98 HæPH 01/04/98 HæPH&GW 1, 02/14/98 10/14/98 R&PH&GW 1, 02/14/98 10/14/98 HæPH&GW 1, 02/14/98 10/14/98 R&PH&GW 1, 02/14/98 10/14/98 R&PH&GW 1, 02/14/98 02/27/98 RS 1, 02/28/98 RS 1, 0 HæPH 2, 03/08/98 J&IT 2, 03/08/98	Data 8 CL&RB 3, 02/18/98 CL&HJ 3, 02/22/98 CL&HJ 6, 02/24/98 JI 4, 02/24/98 JI 6, 02/25/98 CL&HJ 6, 02/26/98 H&PH 9, 02/27/98 L&RB 1, 02/28/98 CL&RB 4, 02/28/98 BSG 1, 03/01/98 JI 1, 03/01/98 JI 9, 03/01/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 J98 II 3, 03/01/98 BSG 84, 02/22/98 CL&HJ 2, 02/24/98 JI 1, 02/25/98 CL&HJ 8, 02/28/98 RS 2, 03/01/98 JI 10, 03/01/98 JI 14 88 CL&RB 12, 02/18/98 CL&HJ 1, 02/22/98 CL&HJ 500, 02/24/98 JJ 325, 02/24/98 JI 12, 02/25/98 CL&HJ 750, 02/27/98 RS 3, 15, 02/28/98 CL&RB 25, 02/28/98 BSG 200, 03/01/98 JI 278, 03/01/98 JI 10, 03/01/98 JI 6, 03/01/98 CL&RB 1, 03/04/98 JI 6, 03/08/98 ES 5, 02/28/98 ES 200, 03/01/98 JI 278, 03/01/98 JI 10, 03/01/98 JI 6, 03/01/98 CL&RB 1, 03/04/98 JI 6, 03/08/98 ES 5, 02/28/98 CL&RB 2, 03/08/98 ES 5, 02/28/98 CL&RB 1, 03/08/98 ES S JI 1, 03/08/98 E& S JI 1
Pied-billed Grebe American White Pelican Double-crested Cormorant Anhinga Great Blue Heron Great Egret Snowy Egret Little Blue Heron Tricolored Heron Cattle Egret Black-crowned Night-Heron Black Vulture Turkey Vulture Greater White-fronted Goos	RS 4, 0278/98 RS 4, 0278/98 CI E&SH 4, 03/09/98 H&PH 2, 03/15 01/04/98 H&PH&GW 265, 0272/1 15, 03/04/98 H,5, 01/04/98 H&SH 01/04/98 H&PH&GW 51, 02716/5 02728/98 RS 7, 0278/98 CL&RB 03/06/98 H8, 03/06/98 H&PH 22, 01/04/98 H&PH&GW 10, 02716/9 H&PH 2, 03/27/98 RS 2, 02728/98 03/06/98 H&PH 5, 03/06/98 H,5, 01/04/98 H&PH&GW 9, 02716/98 0227/98 RS 7, 02728/98 RS 18, 03/16/98 0227/98 RS 7, 02728/98 RS 18, 03/16/98 01/04/98 H&PH&GW 2, 03/16/98 01/04/98 H&PH&GW 9, 03/16/99 01/04/98 H&PH&GW 19, 03/21/98 01/04/98 H&PH&GW 19, 03/21/98 0272/98 RS 1, 02728/98 CL&RB 6 0218/98 CL&H 6, 10/21/98 CL&RB 6 0218/98 CL&H 6, 10/21/98 E&S 18.TT 4, 03/09/98 H&PH 2 01/04/98 H&PH&GW 1, 02/16/98 0272/98 RS 1, 02728/98 RS 1, 03 04,0498 H&PH&GW 1, 02/16/98 02/27/98 RS 1, 0278/98 RS 1, 03 04,0498 H&PH&GW 1, 02/14/98 02/27/98 RS 1, 02/28/98 RS 1, 03 04,0498 H&PH&GW 1, 02/24/98	Data 8 CL&RB 3, 02/18/98 CL&HJ 3, 02/22/98 CL&HJ 6, 02/24/98 JI 4, 02/24/98 JI 6, 02/25/98 CL&HJ 6, 02/26/98 H&PH 9, 02/27/98 L&RB 1, 02/28/98 CL&RB 4, 02/28/98 BSG 1, 03/01/98 JI 1, 03/01/98 JI 9, 03/01/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 J98 JS 0, 15/98 JS 0, 35/98 SL 48 JB 1, 03/06/98 H&PH 24, 03/08/98 J98 LS 44, 02/21/98 BSG 24, 02/21/98 LB 1, 02/25/98 CL&HJ 8, 02/28/98 RS 2, 03/01/98 JI 10, 03/01/98 JI 14 86 CL&RB 12, 02/18/98 CL&HJ 1, 02/22/98 CL&HJ 500, 02/24/98 JJ 325, 02/24/98 JI 12, 02/25/98 CL&HJ 750, 02/27/98 RS 3, 15, 02/28/98 CL&RB 25, 02/28/98 BSG 200, 03/01/98 JJ 278, 03/01/98 JI 10, 03/01/98 JI 6, 03/01/98 JI 7, 03/08/98 E&SH 9, 03/01/98 JI 7, 03/08/98 E&SH 9, 03/01/98 JI 7, 03/08/98 E&SH 9, 03/01/98 JI 7, 03/08/98 J&JT 1, 03/08/98 L&JT 1, 03/08/98 L&JT 1, 03/08/98 J&JT 1, 03/08/98 J&JT 1, 03/08/98 L&JT 1, 03/08/98 L&JT 1, 03/08/98 J&JT 1, 03/08/98 J&JT 1, 03/08/98 L&JT 1, 03/08/98 L&JT 1, 03/08/98 J&JT 1, 03/08/98 L&JT 1, 03/08/98 L&JT 1, 03/08/98 J&JT 1,
Pied-billed Grebe American White Pelican Double-crested Cormorant Anhinga Great Blue Heron Great Egret Snowy Egret Little Blue Heron Tricolored Heron Cattle Egret Black-crowned Night-Heron Black Vulture Turkey Vulture	RS 4, 0/28/98 RS 4, 0/28/98 CL E&SH 4, 01/09/98 HæPH 2, 03/15 01/04/98 HæPH&GW 265, 02/21/ 15, 03/04/98 IT 5, 03/08/98 E&SH 01/04/98 HæPH&GW 51, 02/16/5 02/28/98 RS 7, 02/28/98 CL&RB 03/06/98 IR, 03/06/98 HæPH 22, 01/04/98 HæPH&GW 10, 02/16/9 HæPH 2, 02/27/98 RS 2, 02/28/98 03/06/98 HæPH 5, 03/06/98 IT, 5, 01/04/98 HæPH&GW 9, 02/16/98 02/27/98 RS 7, 02/28/98 RS 18, 4, 03/06/98 HæPH 2, 03/08/98 IS, 18, 03/06/98 HæPH 2, 03/08/98 IS, 18, 03/06/98 HæPH 2, 03/08/98 IS, 18, 03/06/98 HæPH&GW 2, 03/16/98 01/04/98 HæPH&GW 19, 02/28/9 01/04/98 HæPH&GW 19, 02/28/9 01/04/98 HæPH&GW 10, 02/16/98 10/16/98 HæPH&GW 10, 02/16/98 10/16/98 HæPH&GW 1, 02/16/98 10/16/98 HæPH&GW 1, 02/16/98 02/27/98 RS 1, 02/28/98 RS 1, 0 HæPH 2, 03/08/98 I&IT 2, 03/08/98 01/04/98 HæPH&GW 1, 02/14/98 01/04/98 HæPH&GW 3, 02/28/98	Data 8 CL&RB 3, 02/18/98 CL&HJ 3, 02/22/98 CL&HJ 6, 02/24/98 JI 4, 02/24/98 JI 6, 02/25/98 CL&HJ 6, 02/26/98 H&PH 9, 02/27/98 L&RB 1, 02/28/98 CL&RB 4, 02/28/98 BSG 1, 03/01/98 JI 1, 03/01/98 JI 9, 03/01/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 J98 JS 13, 03/05/98 J3 93 E&SH 3, 02/28/98 BSG 84, 02/22/98 CL&HJ 2, 02/24/98 JI 1, 02/25/98 CL&HJ 8, 02/28/98 RS 2, 03/01/98 JI 10, 03/01/98 JI 14 88 CL&RB 12, 02/18/98 CL&HJ 1, 02/22/98 CL&HJ 500, 02/24/98 JJ 325, 02/24/98 JI 12, 02/25/98 CL&HJ 750, 02/27/98 RS 3, 15, 02/28/98 CL&RB 25, 02/28/98 BSG 200, 03/01/98 JI 278, 03/01/98 JI 10, 03/01/98 JI 6, 03/01/98 JI 6, 03/01/98 JI 5, 02/28/98 CL&HJ 500, 02/27/98 RS 3, 15, 02/28/98 CL&BB 2, 02/28/98 BSG 200, 03/01/98 JI 10, 03/01/98 JI 10, 03/01/98 JI 1, 02/25/98 CL&HJ 1, 02/26/98 JI 1, 02/28/98 RS 5, 02/28/98 CL&HJ 2, 02/28/98 CL&RJ 1, 03/04/98 JI 7, 02/24/98 JI 1, 02/25/98 CL&HJ 1, 02/26/98 JI 1, 02/28/98 RS 5, 02/28/98 CL&HJ 1, 03/06/98 JI 2, 03/01/98 JI 3, 03/06/98 JI 3, 03/
Pied-billed Grebe American White Pelican Double-crested Cormorant Anhinga Great Blue Heron Great Egret Snowy Egret Little Blue Heron Tricolored Heron Cattle Egret Black-crowned Night-Heron Black Vulture Turkey Vulture Greater White-fronted Goos Snow Goose Wood Duck Green-winged Teal Mallard	RS 4, 0/2/8/98 RS 4, 0/2/8/98 CL E&SH 4, 01/09/98 HæPH 2, 03/15 01/04/98 HæPH&GW 265, 02/21/ 15, 03/04/98 IT 5, 03/08/98 E&SH 01/04/98 HæPH&GW 51, 02/16/9 02/28/98 RS 7, 02/28/98 CL&RB 03/06/98 IR, 03/06/98 HæPH 22, 01/04/98 HæPH&GW 1, 02/16/9 HæPH 2, 02/27/98 RS 2, 02/28/98 03/06/98 HæPH 5, 03/06/98 IT, 5, 01/04/98 HæPH&GW 9, 02/16/98 02/27/98 RS 7, 02/28/98 RS 18, 19 03/06/98 HæPH 2, 03/06/98 IS, 18, 03/06/98 HæPH&GW 2, 03/16/98 01/04/98 HæPH&GW 2, 03/16/99 01/04/98 HæPH&GW 18, 03/15/99 01/04/98 HæPH&GW 18, 03/15/99 02/24/99 IT, 02/28/98 CL&RB 6 02/18/98 CL&RB 6, 02/21/98 E&S JæIT 4, 03/09/98 HæPH 01/04/98 HæPH&GW 1, 02/21/99 02/27/98 RS 1, 02/28/98 RS 1, 02/28/99 01/04/98 HæPH&GW 1, 02/21/99 02/27/98 RS 1, 02/28/98 RS 1, 02/28/99 01/04/98 HæPH&GW 1, 02/24/99 01/04/98 HæPH&GW 1, 02/24/98 01/04/98 HæPH&GW 13, 02/21/96 01/04/98 CL&RB 6, 02/22/98 CL	Data 8 CL&RB 3, 007898 CL&HJ 3, 027298 CL&HJ 6, 0274/98 JJ 4, 0274/98 JJ 6, 02725/98 CL&HJ 6, 0276/98 H&PH 9, 0277/98 L&RB 1, 027898 CL&RB 4, 02728/98 BSG 1, 03/01/98 JJ 1, 03/01/98 JJ 9, 03/01/98 CL&RB 1, 03/06/98 H&PH 9, 0277/98 L&RB 1, 0278/98 CL&RB 4, 02728/98 BSG 1, 03/01/98 JJ 1, 03/01/98 JJ 9, 03/01/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 98 E&SH 3, 02718/98 BSG 84, 02722/98 CL&HJ 50, 02/24/98 JJ 1, 02725/98 CL&HJ 8, 0278/98 RS 2, 03/01/98 JJ 10, 03/01/98 JJ 14 88 CL&RB 12, 02718/98 CL&HJ 1, 02722/98 CL&HJ 500, 02/24/98 JJ 125, 02724/98 JJ 12, 02725/98 CL&HJ 175, 02727/98 RS 3, 15, 02728/98 BSG 20, 03/01/98 JJ 278, 03/01/98 JJ 10, 03/01/98 JJ 6, 03/01/98 CL&RB 1, 03/04/98 JJ 6, 03/08/98 E&SH 44, 03/15/98 JJ 5, 03/15/98 JJ 1 88 CL&RB 4, 02/18/98 CL&HJ 2, 02722/98 CL&HJ 4, 02722/98 HH6 8, 02/24/98 JJ 7, 02724/98 JJ 1, 02725/98 CL&HJ 1, 02725/98 CL&RB 3, 02728/98 RS 5, 02728/98 CL&RB 2, 02728/98 CL&RB 5, 02728/98 BSG 2, 03/01/98 JJ 2, 03/01/98 JJ 2, 03/01/98 JJ 2, 03/08/98 JJ 3, 03/08/98 JB 1, 03/01/98 JJ 2, 03/01/98 JJ 2, 03/01/98 JJ 3, 03/01/98 JJ 2, 03/01/98 JJ 2, 03/08/98 JB 1, 03/04/98 JJ 3, 03/05/98 JB 3, 03/05/98 JB 3, 03/05/98 JJ 3, 03/05/98 JJ 3, 03/05/98 JJ 3, 03/05/98 JB 3, 03/05/98 JJ
Pied-billed Grebe American White Pelican Double-crested Cormorant Anhinga Great Blue Heron Great Egret Snowy Egret Little Blue Heron Tricolored Heron Cattle Egret Black-crowned Night-Heron Black Vulture Turkey Vulture Greater White-fronted Goos Snow Goose Wood Duck Green-winged Teal	RS 4, 0278/98 RS 4, 0278/98 CL E&SH 4, 03/09/98 H&PH 2, 03/15 01/04/98 H&PH&GW 265, 0272/1 15, 03/04/98 H,5, 01/04/98 H&SH 01/04/98 H&PH&GW 51, 02716/5 02728/98 RS 7, 0278/98 CL&RB 03/06/98 HB, 03/06/98 H&PH 22, 01/04/98 H&PH&GW 10, 02716/9 H&PH 2, 03/27/98 RS 2, 02728/98 03/06/98 H&PH&GW 9, 02716/98 0227/98 RS 7, 02728/98 RS 18, 18, 03/06/98 H&PH 2, 03/08/98 RS 18, 03/06/98 H&PH 2, 03/08/98 RS 18, 03/06/98 H&PH&GW 9, 03/16/98 01/04/98 H&PH&GW 9, 03/16/98 01/04/98 H&PH&GW 19, 03/16/98 01/04/98 H&PH&GW 19, 03/16/98 01/04/98 H&PH&GW 19, 03/16/98 01/04/98 H&PH&GW 1, 03/16/98 0277/98 RS 1, 02728/98 CL&RB 6 0218/98 CL&RB 6, 02721/98 E&S 18.TT 4, 03/09/99 H&PH 2 01/04/98 H&PH&GW 1, 02/14/98 0227/98 RS 1, 02728/98 RS 1, 0 H&PH 2, 03/08/98 I&PH 2 01/04/98 H&PH&GW 1, 01/29/98 01/04/98 H&PH&GW 1, 01/29/98 01/04/98 H&PH&GW 1, 01/29/98 01/04/98 H&PH&GW 1, 01/29/98 01/04/98 H&PH&GW 13, 02724/98 01/04/98 H&PH&GW 13, 03/04/99 01/04/98 H&PH&M&W 14/04/99 01/04/98 H&PH&M&W 14/04/99 01/04/98 H&PH&W 14/04/99 01/04/98 H&PH&W	Data 8 CL&RB 3, 02/18/98 CL&HJ 3, 02/22/98 CL&HJ 6, 02/24/98 JJ 4, 02/24/98 JJ 6, 02/25/98 CL&HJ 6, 02/26/98 H&PH 9, 02/27/98 L&RB 1, 02/28/98 CL&RB 4, 02/28/98 BSG 1, 03/01/98 JJ 9, 03/01/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 J98 J5, 03/15/98 JJ 3, 03/15/98 JJ 8, 03/01/98 CL&RB 1, 03/06/98 J&PH 24, 03/08/98 J98 L5, 03/01/98 LB BSG 34, 02/22/98 CL&HJ 2, 02/24/98 JJ 1, 02/25/98 CL&HJ 8, 02/28/98 RS 2, 03/01/98 JJ 10, 03/01/98 JJ 14 86 CL&RB 12, 02/18/98 CL&HJ 1, 02/22/98 CL&HJ 500, 02/24/98 JJ 125, 02/24/98 JJ 12, 02/25/98 CL&HJ 750, 02/27/98 RS 3, 03/01/98 JJ 13, 0
Pied-billed Grebe American White Pelican Double-crested Cormorant Anhinga Great Blue Heron Great Egret Snowy Egret Little Blue Heron Tricolored Heron Crattle Egret Black-crowned Night-Heron Black Vulture Greater White-fronted Goos Snow Goose Wood Duck Green-winged Teal Mallard Northern Pintail Blue-winged Teal Cinnamon Teal	RS 4, 0/2/8/98 RS 4, 0/2/8/98 CL E&SH 4, 01/0/998 HæPH 2, 03/15 01/04/98 HæPH&GW 265, 02/21/15, 03/04/98 IT 5, 03/08/98 E&SH 01/04/98 HæPH&GW 51, 02/16/5 02/28/98 RS 7, 02/28/98 CL&RB 03/06/98 IR, 03/06/98 HæPH 22, 01/04/98 HæPH&GW 10, 02/16/9 HæPH 2, 02/27/98 RS 2, 02/28/98 03/06/98 HæPH 5, 03/06/98 IT, 5, 01/04/98 HæPH&GW 9, 02/16/98 02/27/98 RS 7, 02/28/98 RS 18, 4, 03/06/98 HæPH 2, 03/08/98 IS, 18, 03/06/98 HæPH 2, 03/08/98 IS, 18, 03/06/98 HæPH&GW 9, 03/16/98 01/04/98 HæPH&GW 10, 03/16/98 01/04/98 HæPH&GW 18, 03/16/98 01/04/98 HæPH&GW 18, 03/16/98 01/04/98 HæPH&GW 19, 02/28/9 01/04/98 HæPH&GW 10, 02/28/9 01/04/98 HæPH&GW 1, 02/14/98 02/27/98 RS 1, 02/28/98 RS 10, 02/27/98 RS 1, 02/28/98 RS 10, 01/04/98 HæPH&GW 1, 02/14/98 01/04/98 HæPH&GW 15, 03/03/ 03/01/98 CL&RB 2, 03/08/98 I&I 01/04/98 HæPH&GW 13, 03/03/ 01/29/98 CL&RB 2, 03/08/98 I&I 01/04/98 HæPH&GW 13, 03/03/ 01/29/98 TDP_D&SHRS,&TT 1 03/06/98 H&PH 3, 03/15/98 IR, 8, 01/59/98 IR, 8, 01/59/98 H&PT 3, 03/15/98 IR, 8, 01/59/98 IR, 90/59/98 IR	Data 8 CL&RB 3, 02/18/98 CL&HJ 3, 02/22/98 CL&HJ 6, 02/24/98 JJ 4, 02/24/98 JJ 6, 02/25/98 CL&HJ 6, 02/26/98 H&PH 9, 02/27/98 L&RB 1, 02/28/98 CL&RB 4, 02/28/98 BSG 1, 03/01/98 JJ 9, 03/01/98 CL&RB 1, 03/06/98 H&PH 9, 02/27/98 JJ 3, 03/15/98 JJ 39 E&BH 3, 02/21/98 BSG 84, 02/22/98 CL&HJ 2, 02/24/98 JJ 19, 03/01/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 J9 E&BH 3, 02/21/98 BSG 84, 02/22/98 CL&HJ 5, 02/24/98 JJ 12, 02/24/98 JJ 12, 02/25/98 CL&HJ 750, 02/27/98 RS 3, 15, 02/28/98 RS 2, 03/01/98 JJ 10, 03/01/98 JJ 14 18 CL&RB 12, 02/18/98 CL&HJ 1, 02/22/98 CL&HJ 500, 02/24/98 JJ 125, 02/24/98 JJ 12, 02/25/98 CL&HJ 750, 02/27/98 RS 3, 15, 02/28/98 BSG 200, 03/01/98 JJ 278, 03/01/98 JJ 10, 03/01/98 JJ 6, 03/01/98 CL&RB 1, 03/05/98 JB 15, 03/15/98 JJ 1 18 CL&RB 4, 03/15/98 JJ 5, 03/15/98 JJ 1 18 CL&RB 4, 02/18/98 CL&HJ 2, 02/22/98 CL&HJ 4, 02/22/98 HH6 8, 02/24/98 JJ 7, 02/24/98 JJ 1, 02/25/98 CL&HJ 1, 02/26/98 J3/06/98 JJ 1, 03/06/98 JZ 2, 03/01/98 JZ 2, 03/01/98 JB 1, 03/06/98 JZ 2, 03/01/98 JZ 2, 03/
Pied-billed Grebe American White Pelican Double-crested Cormorant Anhinga Great Blue Heron Great Egret Snowy Egret Little Blue Heron Tricolored Heron Crattle Egret Black-crowned Night-Heron Black Vulture Turkey Vulture Greater White-fronted Goos Snow Goose Wood Duck Green-winged Teal Mallard Northern Pintail Blue-winged Teal	RS 4, 0278/98 RS 4, 0278/98 CL E&SH 4, 03/09/98 H&PH 2, 03/15 01/04/98 H&PH&GW 265, 0272/1 15, 03/04/98 H&PH&GW 265, 0272/1 15, 03/04/98 H&PH&GW 51, 02716/9 02728/98 RS 7, 0278/98 CL&RB 63/06/98 H&PH 22, 01/04/98 H&PH&GW 10, 02/16/9 H&PH 2, 02727/98 RS 2, 02728/98 03/06/98 H&PH&GW 9, 02/16/98 03/06/98 H&PH 5, 03/06/98 H.5, 1 01/04/98 H&PH&GW 9, 02/16/98 0227/98 RS 7, 0278/98 RS 18, 1 03/06/98 H&PH 2, 03/08/98 J&TT 01/04/98 H&PH&GW 9, 03/16/98 01/04/98 H&PH&GW 9, 03/16/98 01/04/98 H&PH&GW 19, 02724/98 01/04/98 H&PH&GW 19, 02724/98 027/18/98 CL&RB 6, 02716/98 E&S J&TT 4, 03/09/98 H&PH 2 01/04/98 H&PH&GW 11, 02/14/99 027/18/98 CL&RB 1, 02724/98 01/04/98 H&PH&GW 11, 02/14/99 02727/98 RS 1, 02728/98 RS 1, 0 01/04/98 H&PH&GW 11, 02/14/99 02727/98 RS 1, 02728/98 RS 1, 0 01/04/98 H&PH&GW 11, 02/24/98 01/04/98 H&PH&GW 17, 02/24/98 01/04/98 H&PH&GW 17, 02/24/98 01/04/98 H&PH&GW 17, 02/24/98 01/04/98 H&PH&GW 13, 03/15/98 II 8, 01/29/98 TD,PD,E&SH,RS,&TT 1 03/06/98 H&PH&GW 123, 02/16/ 01/04/98 H&PH&GW 123, 02/16/ 01/04/98 H&PH&GW 123, 02/16/	Data 8 CL&RB 3, 02/18/98 CL&HJ 3, 02/22/98 CL&HJ 6, 02/24/98 JI 4, 02/24/98 JI 6, 02/25/98 CL&HJ 6, 02/24/98 H&PH 9, 02/27/98 L&RB B, 02/28/98 CL&RB 4, 02/28/98 BSG 1, 03/01/98 JI 1, 03/01/98 JI 9, 03/01/98 CL&RB 1, 02/26/98 H&PH 9, 02/27/98 JI 3, 03/01/98 CL&RB 4, 02/28/98 BSG 1, 03/01/98 JI 1, 03/01/98 JI 9, 03/01/98 CL&RB 3, 02/28/98 RS 2, 03/01/98 JI 10, 03/08/98 J98 LSS H3, 02/21/98 BSG 84, 02/22/98 CL&HJ 10, 02/24/98 JI 1, 02/25/98 CL&HJ 8, 02/28/98 RS 2, 03/01/98 JI 10, 03/01/98 JI 14 88 CL&RB 12, 02/18/98 CL&HJ 1, 02/22/98 CL&HJ 500, 02/24/98 JI 10, 03/01/98 JI 12, 02/25/98 CL&HJ 1750, 02/27/98 RS 3, 15, 03/01/98 RS 3, 03/01/98 JI 10, 03/01/98 JI 12, 02/25/98 CL&HJ 1750, 02/27/98 RS 3, 03/01/98 JI 10, 03/01/98 JI 10, 03/01/98 RS 3, 03/01/98 JI 13, 03/01/98 JI 1, 03/01/98 JI 2, 03/
Pied-billed Grebe American White Pelican Double-crested Cormorant Anhinga Great Blue Heron Great Egret Snowy Egret Little Blue Heron Tricolored Heron Cattle Egret Black-crowned Night-Heron Black Vulture Turkey Vulture Greater White-fronted Goos Snow Goose Wood Duck Green-winged Teal Mallard Northern Pintail Blue-winged Teal Northern Shoveler Gadwall American Wigeon	RS 4, 0/2/8/98 RS 4, 0/2/8/98 CL E&SH 4, 01/0/998 HæPH 2, 03/15 01/04/98 HæPH&GW 265, 02/21/15, 03/04/98 IT 5, 03/08/98 E&SH 01/04/98 HæPH&GW 51, 02/16/5 02/28/98 RS 7, 02/28/98 CL&RB 03/06/98 IR, 03/06/98 HæPH 22, 01/04/98 HæPH&GW 1, 02/16/9 03/06/98 HæPH 5, 03/06/98 IT 5, 01/04/98 HæPH 26, W 12/27/98 RS 2, 02/28/98 03/06/98 HæPH 5, 03/06/98 IT 5, 01/04/98 HæPH 26, W 2, 03/16/98 02/27/98 RS 7, 02/28/98 RS IS, 1, 03/06/98 HæPH 2, 03/08/98 IS, 11/20/06/98 HæPH 2, 03/08/98 IS, 10/04/98 HæPH&GW 1, 03/16/98 01/04/98 HæPH&GW 1, 03/16/98 01/04/98 HæPH&GW 18, 03/16/98 01/04/98 HæPH&GW 18, 03/16/98 01/04/98 HæPH&GW 18, 03/16/98 02/28/98 IT, 02/28/98 CL&RB 6 02/18/98 CL&HI 6, 02/21/98 E&S 1æT 4, 03/09/98 HæPT 2, 03/08/98 01/04/98 HæPH&GW 1, 02/14/98 01/04/98 HæPH&GW 1, 02/14/98 01/04/98 HæPH&GW 36, 02/16/ 03/01/98 CL&RB 6, 02/28/98 RS 1, 07 01/04/98 HæPH&GW 1, 02/28/98 01/04/98 HæPH&GW 1, 02/28/98 01/04/98 HæPH&GW 15, 03/03/99 01/04/98 HæPH&GW 153, 03/03/91 01/04/98 HæPH&GW 123, 02/16/98 01/04/98 HæPH&GW 123, 02/16/99 01/04/98 HæPH&GW 123, 02/16/99 01	Data 8 CL&RB 3, 02/18/98 CL&HJ 3, 02/22/98 CL&HJ 6, 02/24/98 JI 4, 02/24/98 JI 6, 02/25/98 CL&HJ 6, 02/24/98 H&PH 9, 02/27/08 L&RB 1, 02/28/98 CL&RB 4, 02/28/98 BSG 1, 03/01/98 JI 1, 03/01/98 JI 9, 03/01/98 CL&RB 1, 03/06/98 H&PH 9, 02/27/08 JI 1, 03/05/98 JI 3, 03/01/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 JI 3, 03/01/98 CL&RB 1, 02/28/98 RS 2, 03/01/98 JI 10, 03/01/98 JI 14 18 CL&RB 12, 02/18/98 CL&HJ 1, 02/22/98 CL&HJ 500, 02/24/98 JI 1, 02/25/98 CL&HJ 8, 02/28/98 RS 2, 03/01/98 JI 10, 03/01/98 JI 15, 02/28/98 BSG 20, 03/01/98 JI 35, 02/28/98 JI 12, 02/25/98 CL&HJ 1750, 02/27/98 RS 3, 15, 03/01/98 JI 15, 03/01/98 JI 13, 03/01/98 JI 1, 03/01/98 JI 2, 03/01/98 JI 3, 03/05/98 JI 3,
Pied-billed Grebe American White Pelican Double-crested Cormorant Anhinga Great Blue Heron Great Egret Snowy Egret Little Blue Heron Tricolored Heron Cratle Egret Black-crowned Night-Heron Black Vulture Turkey Vulture Greater White-fronted Goos Snow Goose Wood Duck Green-winged Teal Mallard Northern Pintail Blue-winged Teal Cinnamon Teal Northern Shoveler Gadwall	RS 4, 02/28/98 RS 4, 02/28/98 CL E&SH 4, 03/09/98 HæPH 2, 03/15 01/04/98 HæPH&GW 265, 02/21/15, 03/04/98 IT 5, 03/08/98 E&SH 01/04/98 HæPH&GW 51, 02/16/5 02/28/98 RS 7, 02/28/98 CL&RB 03/06/98 IR, 03/06/98 HæPH 22, 01/04/98 HæPH&GW 10, 02/16/9 HæPH 2, 02/27/98 RS 2, 02/28/98 03/06/98 HæPH 5, 03/06/98 IT, 5, 01/04/98 HæPH&GW 9, 02/16/98 02/27/98 RS 7, 02/28/98 RS 18, 1 03/06/98 HæPH 2, 03/08/98 IS, 18, 1 03/06/98 HæPH 2, 03/08/98 IS, 18, 1 01/04/98 HæPH&GW 9, 03/16/98 01/04/98 HæPH&GW 19, 02/28/9 01/04/98 HæPH&GW 19, 02/28/9 01/04/98 HæPH&GW 19, 02/28/9 01/04/98 HæPH&GW 19, 02/28/9 01/04/98 HæPH&GW 10, 03/16/98 02/27/98 RS 1, 02/28/98 RS 1, 0 HæPH 2, 03/08/98 I&IT 2, 03/08/98 01/04/98 HæPH&GW 1, 02/14/98 02/27/98 RS 1, 02/28/98 RS 1, 0 HæPH 2, 03/08/98 I&IT 2, 03/08/98 01/04/98 HæPH&GW 1, 02/14/98 01/04/98 HæPH&GW 1, 02/14/98 01/04/98 HæPH&GW 13, 03/03/ 01/04/98 HæPH&GW 13, 03/03/ 01/04/98 HæPH&GW 133, 03/03/ 01/04/98 HæPH&GW 133, 03/03/ 01/04/98 HæPH&GW 133, 03/03/ 01/04/98 HæPH&GW 133, 03/03/ 01/04/98 HæPH&GW 123, 02/21/98 01/04/98 HæPH&GW 123, 02/21/98 02/28/98 B&G 30, 03/01/98 IT 4, 03/22/98 CL&H 12, 02/22/98 CL& 02/18/98 CL&HH 2, 02/22/98 CL& 02/18/98 CL&H	Data 8 CL&RB 3, 02/18/98 CL&HJ 3, 02/22/98 CL&HJ 6, 02/24/98 JI 4, 02/24/98 JI 6, 02/25/98 CL&HJ 6, 02/24/98 H&PH 9, 02/27/08 L&RB 1, 02/28/98 CL&RB 4, 02/28/98 BSG 1, 03/01/98 JI 1, 03/01/98 JI 9, 03/01/98 CL&RB 1, 03/06/98 H&PH 9, 02/27/08 JI 1, 03/05/98 JI 3, 03/01/98 CL&RB 1, 03/06/98 H&PH 24, 03/08/98 JI 3, 03/01/98 CL&RB 1, 02/28/98 RS 2, 03/01/98 JI 10, 03/01/98 JI 14 18 CL&RB 12, 02/18/98 CL&HJ 1, 02/22/98 CL&HJ 500, 02/24/98 JI 1, 02/25/98 CL&HJ 8, 02/28/98 RS 2, 03/01/98 JI 10, 03/01/98 JI 15, 02/28/98 BSG 20, 03/01/98 JI 35, 02/28/98 JI 12, 02/25/98 CL&HJ 1750, 02/27/98 RS 3, 15, 03/01/98 JI 15, 03/01/98 JI 13, 03/01/98 JI 1, 03/01/98 JI 2, 03/01/98 JI 3, 03/05/98 JI 3,

Common Name	Data
Greater Scaup	03/01/98 Л 2
Lesser Scaup	02/18/98 CL&HJ 4, 02/22/98 CL&HJ 10, 02/24/98 Л 51, 02/25/98 CL&HJ 20, 02/28/98 CL&RB 15, 03/01/98 CL&RB 12, 03/01/98 Л 79, 03/01/98 Л 27, 03/06/98 Л 1, 03/06/98 Н&PH 26, 03/08/98 E&SH 22
Bufflehead	11 1, 03/00/98 EART 12, 03/03/98 EART 12 02/22/98 HH6 5, 02/22/98 CL&H 7
Hooded Merganser	02/27/98 RS 8
Ruddy Duck	01/04/98 H&PH&GW 1, 02/22/98 CL&HJ 4000, 03/01/98 Л 2, 03/01/98 Л 4 02/22/98 CL&HJ 1
Bald Eagle Northern Harrier	0021998 CLEARD 1 01/04/98 H&PH&GW 4, 02/16/98 CL&RB 1, 02/25/98 CL&HJ 3, 02/26/98 H&PH 3, 02/28/98 RS 2, 03/01/98 CL&RB 2, 03/08/98 E&SH 3
Sharp-shinned Hawk	02/16/98 CL&RB 1, 03/03/98 H&PH 1
Cooper's Hawk	03/06/98 H&PH 1
Red-shouldered Hawk Red-tailed Hawk	02/26/98 H&PH 3, 02/27/98 RS 1, 02/28/98 CL&RB 2, 02/28/98 BSG 1, 03/01/98 J&JT 1, 03/08/98 J&JT 2 01/04/98 H&PH&GW 7, 02/14/98 J&JT 4, 02/16/98 CL&RB 16, 02/18/98 CL&HJ 2, 02/22/98 CL&HJ 2, 02/24/98 JI 7, 02/25/98 CL&HJ 2, 02/26/98 H&PH 8,
Rod-tailed Hawk	02/27/98 RS 2, 02/28/98 RS 2, 02/28/98 RS 1, 02/28/98 RS 11, 02/28/98 CL&RB 3, 02/28/98 SH 1, 02/28/98 BSG 4, 03/01/98 Л&ML 1, 03/01/98 Л 5, 03/01/98
	CL&RB 3, 03/02/98 CL&PD 1, 03/06/98 H&PH 2, 03/08/98 J&IT 2, 03/08/98 E&SH 4, 03/09/98 H&PH 1, 03/15/98 П 1, 03/15/98 П 4
American Kestrel	01/04/98 H&PH&GW 6, 02/14/98 J&JT 1, 02/16/98 CL&RB 8, 02/18/98 CL&HJ 4, 02/22/98 CL&HJ 1, 02/24/98 J 3, 02/25/98 CL&HJ 2, 02/26/98 H&PH 4, 02/28/98 RS 1, 02/28/98 RS 3, 02/28/98 CL&RB 1, 03/01/98 J 1, 03/01/98 J 1, 03/01/98 J 1, 03/03/98 H&PH 1, 03/06/98 H&PH 1, 03/08/98 E&SH 7
Northern Bobwhite	02/17/98 HAPH 1
Virginia Rail	02/21/98 BSG 1
Sora	02/21/98 BSG 4, 02/25/98 CL&HI 2, 03/01/98 JI 1
American Coot	01/04/98 H&PH&GW 199, 02/16/98 CL&RB 6, 02/22/98 CL&HJ 400, 02/22/98 HHo 8, 02/24/98 Л 124, 02/24/98 Л 75, 02/25/98 CL&HJ 150, 02/26/98 H&PH 200, 02/28/98 RS 60, 02/28/98 CL&RB 150, 03/01/98 CL&RB 10, 03/01/98 Л 105, 03/01/98 Л 112, 03/01/98 Л 10, 03/04/98 Л 12, 03/06/98 Л 29, 03/06/98 Н&PH 60,
	03/08/98 E&SH 73, 03/15/98 IT 58
Sandhill Crane	01/04/98 H&PH&GW 1
Killdeer	01/04/98 H&PH&GW 34, 02/16/98 CL&RB 200, 02/18/98 CL&HJ 250, 02/21/98 BSG 256, 02/24/98 II 2, 02/25/98 CL&HJ 4, 02/27/98 RS 97, 02/28/98 RS 1, 02/28/98 RS 1
	JR 8, 03/06/98 JT 5, 03/08/98 E&SH 5, 03/10/98 JI 12
American Avocet	01/04/98 H&PH&GW 3
Greater Yellowlegs	01/04/98 <u>H&PH&GW</u> 9, 02/28/98 RS 3, 03/08/98 <u>E&SH</u> 14
Spotted Sandpiper Least Sandpiper	03/01/98 JI 1, 03/04/98 JI 1 01/04/98 H&PH&GW 12, 01/29/98 TD,PD,E&SH,RS,&JT 1, 02/28/98 BSG 12
Common Snipe	01/04/98 H&PH&GW 488, 01/29/98 TD,PD,E&SH,RS,&JT 1, 03/01/98 JJ 140
Bonaparte's Gull	01/04/98 H&PH&GW 2
Ring-billed Gull	01/04/98 H&PH&GW 7, 021/6/98 CL&RB 10, 02/22/98 CL&H 6, 02/24/98 J. 5, 02/25/98 CL&H 2, 02/28/98 CL&RB 2, 02/28/98 CL&RB 3, 02/28/98 RS 2,
Forster's Tern	03/01/98 Л 2, 03/01/98 Л 8, 03/04/98 Л 14, 03/06/98 Л 12, 03/10/98 Л 27, 03/15/98 SH 2 01/04/98 Н&РН&GW 7, 02/22/98 CL&HJ 1, 02/24/98 Л 1, 03/01/98 Л 1
Rock Dove	02/16/98 CL&RB 4, 02/18/98 CL&HJ 10, 02/22/98 CL&HJ 50, 02/24/98 JI 80, 02/26/98 H&PH 34, 02/27/98 RS 20, 02/28/98 CL&RB 30, 02/28/98 CL&RB 20,
	03/01/98 Л 53, 03/01/98 Л 113, 03/08/98 L&JT 15, 03/08/98 E&SH 36, 03/15/98 Л 18
Mourning Dove	01/04/98 H&PH&GW 16, 02/14/98 J&T 4, 02/16/98 CL&RB 30, 02/18/98 CL&HJ 20, 02/20/98 AB 5, 02/22/98 CL&HJ 2, 02/25/98 CL&
	03/01/98 RS 1, 03/01/98 CL&RB 10, 03/02/98 CL&RD 2, 03/04/98 II 2, 03/06/98 II 5, 03/08/98 E&SIH 8, 03/08/98 FH&CN 2, 03/10/98 II 7, 03/17/98 II 3
Inca Dove	03/01/98 Л&ML 6, 03/17/98 Л 2
Greater Roadrunner	03/06/98 H&PH 1, 03/08/98 J&JT 1
Barn Owl Eastern Screech-Owl	01/04/98 H&PH&GW 1, 02/16/98 CL&RB 4 01/04/98 H&PH&GW 3, 03/01/98 II 1
Great Horned Owl	01/04/98 H&PH&GW 1
Barred Owl	01/04/98 H&PH&GW 1, 02/26/98 H&PH 1
Belted Kingfisher	01/04/98 H&PH&GW 5, 02/22/98 CL&H 1, 02/24/98 J 1, 02/25/98 L&H 1, 02/25/98 H&PH 2, 02/27/98 RS 1, 02/28/98 RS 1, 03/01/98 CL&RB 2, 03/01/98 J
Red-headed Woodpecker	1, 03/01/98 Л 1, 03/06/98 Л 1, 03/06/98 Н&РН 3, 03/08/98 E&SH 2, 03/10/98 Л 1 01/04/98 Н&РН&GW 2
Red-bellied Woodpecker	01/04/98 H&PH&GW 8, 02/16/98 CL&RB 6, 02/17/98 HHo 2, 02/20/98 AB 1, 02/22/98 CL&HJ 1, 02/25/98 CL&HJ 1, 02/26/98 H&PH 3, 02/27/98 RS 1, 02/28/98
-	CL&RB 1, 02/28/98 CL&RB 2, 02/28/98 RS 1, 02/28/98 RS 1, 02/28/98 RS 1, 02/28/98 BSG 2, 03/01/98 J&JT 1, 03/01/98 RS 2, 03/01/98 CL&RB 2, 03/06/98
Vallow hallied Sangucker	H&PH 2, 03/09/98 H&PH 1 01/04/98 H&PH&GW 2, 02/16/98 CL&RB 4, 02/22/98 CL&HJ 2, 02/28/98 CL&RB 2, 02/28/98 RS 2, 02/28/98 RS 1, 02/28/98 RS 1, 02/28/98 BSG 1, 03/01/98 RS
Yellow-bellied Sapsucker	1,03/01/98 1&JT 1,03/09/98 1&PH 1
Downy Woodpecker	01/04/98 H&PH&GW 4, 02/14/98 J&JT 1, 02/16/98 CL&RB 4, 02/28/98 CL&RB 1, 02/28/98 CL&RB 1, 02/28/98 BSG 3, 03/01/98 J&JT 1
Hairy Woodpecker	01/04/98 H&PH&GW 5, 02/22/98 CL&HJ 1, 02/28/98 BSG 1 01/04/98 H&PH&GW 9, 02/16/98 CL&RB 1, 02/22/98 CL&HJ 1, 02/26/98 H&PH 15, 02/28/98 BSG 1, 03/01/98 JI 1, 03/01/98 J&JT 1, 03/06/98 H&PH 2, 03/06/98
Northern Flicker	11. 03/08/98 I&IT 2, 03/09/98 I&PH 1
Pileated Woodpecker	01/04/98 H&PH&GW 1, 02/22/98 CL&HJ 1, 02/24/98 Л 1, 02/28/98 BSG 2, 02/28/98 CL&RB 1, 03/01/98 J&JT 1, 03/01/98 Л 1, 03/06/98 H&PH 1, 03/09/98
	H&PH 2
Eastern Phoebe Loggerhead Shrike	01/04/98 H&PH&GW 6, 02/16/98 CL&RB 3, 02/26/98 H&PH 4, 02/28/98 RS 2, 02/28/98 RS 1, 02/28/98 BSG 1, 03/09/98 H&PH 1 01/04/98 H&PH&GW 4, 02/14/98 J&IT 3, 02/16/98 CL&RB 12, 02/18/98 CL&HJ 8, 02/22/98 CL&HJ 4, 02/24/98 JI 1, 02/25/98 CL&HJ 2, 02/26/98 H&PH 4,
Loggerhead Shrike	02/27/98 RS 4, 02/28/98 CL&RB 3, 02/28/98 RS 2, 02/28/98 RS 1, 02/28/98 RS 1, 02/28/98 BSG 2, 03/01/98 CL&RB 4, 03/08/98 E&SH 1
White-eyed Vireo	03/06/98 PD 1
Blue-headed Vireo Blue Jav	02/28/98 CL&RB 1 01/04/98 H&PH&GW 16, 02/14/98 I&JT 4, 02/16/98 CL&RB 6, 02/17/98 HHo 6, 02/18/98 CL&HJ 1, 02/20/98 AB 3, 02/22/98 CL&HJ 1, 02/24/98 JI 1, 02/26/98
Бие лау	H&PH 2, 02/27/98 RS 1, 02/28/98 CL&RB 4, 02/28/98 CL&RB 3, 02/28/98 RS 1, 02/28/98 RS 6, 02/28/98 RS 1, 02/28/98 BGG 3, 03/01/98 II 2, 03/01/98 RS 1,
	03/01/98 L&IT 5 03/01/98 CL&RB 2 03/03/98 JI 1 03/08/98 J&JT 1
American Crow	01/04/98 H&PH&GW 7, 02/14/98 I&IT 10, 02/16/98 CL&RB 20, 02/18/98 CL&HJ 25, 02/22/98 CL&HJ 25, 02/24/98 J 3, 02/26/98 H&PH 30, 02/27/98 RS 4, 02/28/98 CL&RB 10, 02/28/98 CL&RB 2, 02/28/98 CL&RB 10, 02/28/98 CL&RB 2, 02/28/98 RS 1, 02/28/98 BSG 7, 03/01/98 J 8, 03/01/98 J 3, 03/01/98 RS 1, 03/01/98 J 3, 03/01/98 RS 1, 03/01/98 L&RB 2, 02/28/98 CL&RB 2, 02/28/98 RS 1, 02/28/98 BSG 7, 03/01/98 J 8, 03/01/98 J 8, 03/01/98 RS 1, 03/01/98 RS 1, 03/01/98 J 8, 03/01/98 RS 1, 03/01/98 RS 1, 03/01/98 L&RB 2, 03/01/9
	0272898 CLERIS 10, 0272898 CLERIS 2, 0272898 KS, 1, 022898 KS, 1, 0272898 ESD 7, 0501798 13, 0501798 13, 0501798 ES 1, 0501798 E
Fish Crow	02/16/98 CL&RB 3, 02/26/98 H&PH 2, 02/28/98 CL&RB 6, 02/28/98 BSG 2, 03/01/98 J&JT 1, 03/09/98 H&PH 2
Horned Lark	02/28/98 RS 2, 03/01/98 JI 2
Purple Martin	02/22/98 CL&HJ 2, 02/27/98 RS 3, 02/28/98 CL&RB 1, 02/28/98 CL&RB 8, 02/28/98 BSG 1, 03/01/98 RS 2, 03/01/98 CL&RB 1, 03/03/98 PD 10, 03/04/98 JI 2 01/29/98 TD.PD.E&SH.RS.&JT 15, 02/24/98 JI 1, 03/03/98 PD 1
Tree Swallow Northern Rough-winged Swallow	01/2996 ID: Description 3.01 13, 022476 II 1, 03/03/76 ID 1 03/04/98 PD 6, 03/06/98 H&PH 4
Barn Swallow	03/02/98 PD 1 03/06/98 H&PH 2 03/08/98 F&SH 1
Carolina Chickadee	01/04/98 H&PH&GW 10, 02/14/98 J&IT 4, 02/16/98 CL&RB 6, 02/17/98 HHo 2, 02/18/98 CL&HJ 1, 02/20/98 AB 2, 02/22/98 CL&HJ 2, 02/24/98 II 1, 02/25/98
	CL&HJ 1, 02/27/98 RS 3, 02/28/98 RS 5, 02/28/98 CL&RB 4, 02/28/98 RS 1, 02/28/98 RS 1, 02/28/98 BSG 1, 03/01/98 Л 2, 03/01/98 J&JT 2, 03/01/98 RS 2, 03/01/98 CL&RB 6, 03/04/98 Л 2, 03/08/98 SH&CN 2, 03/09/98 H&PH 5, 03/17/98 Л 2
Tufted Titmouse	02/17/98 HHo 3, 02/20/98 AB 2, 02/22/98 CL&HJ 4, 02/28/98 CL&RB 2, 02/28/98 RS 2, 03/01/98 J&JT 8, 03/01/98 JI 2, 03/09/98 H&PH 2
Red-breasted Nuthatch	03/01/98 RS 1, 03/01/98 J&JT 1
White-breasted Nuthatch Brown-headed Nuthatch	03/01/98 I&IT 1, 03/01/98 RS 4, 03/07/98 HHo 1, 03/08/98 SH&CN 1 02/22/98 HHo 1
Carolina Wren	01/04/98 H&PH&GW 9, 02/14/98 J&JT 3, 02/16/98 CL&RB 1, 02/22/98 HHo 2, 02/22/98 CL&HJ 2, 02/24/98 JI 1, 02/26/98 H&PH 4, 02/27/98 RS 1, 02/28/98
	CL&RB 3, 02/28/98 RS 4, 02/28/98 RS 1, 02/28/98 BSG 1, 03/01/98 II 1, 03/01/98 J&JT 1, 03/01/98 CL&RB 1, 03/08/98 J&JT 3, 03/09/98 H&PH 2
House Wren	02/14/98 J&JT 1, 02/25/98 CL&HJ 1, 02/26/98 H&PH 1, 03/01/98 CL&RB 1, 03/02/98 CL&PD 1
Winter Wren Marsh Wren	02/28/98 CL&RB 1, 03/01/98 JI 2 02/25/98 CL&HJ 3
Golden-crowned Kinglet	02/28/98 CL&RB 3, 03/08/98 J&JT 5
Ruby-crowned Kinglet	01/04/98 H&PH&GW 8, 02/14/98 J&T 1, 02/16/98 CL&RB 3, 02/12/98 CL&HB 8, 02/22/98 CL HB 0, 2, 02/25/98 HB 0, 2, 02/25/98 HB, 0, 02/25/98 HB,
Blue-gray Gnatcatcher	02/28/98 BSG 3, 03/01/98 II 1, 03/01/98 II 1, 03/01/98 J&IT 1, 03/01/98 CL&RB 5, 03/08/98 J&IT 5, 03/09/98 H&PH 2 02/16/98 CL&RB 1, 02/22/98 CL&HJ 1, 02/24/98 II 1
Dies Bis Onsonoiti	

	RECORDS
Common Name	Data
Eastern Bluebird	01/04/98 H&PH&GW 7, 02/14/98 J&JT 5, 02/16/98 CL&RB 25, 02/26/98 H&PH 4, 02/28/98 RS 1, 02/28/98 CL&RB 2, 02/28/98 RS 1, 02/28/98 BSG 9, 03/01/98 JI 1, 03/01/98 JI 1, 03/08/98 J&JT 4, 03/09/98 H&PH 3
Hermit Thrush	02/28/98 CL&RB 1, 02/28/98 RS 1, 02/28/98 BSG 1, 03/09/98 H&PH 1
American Robin	01/04/98 H&PH&GW 287, 02/14/98 I&IT 15, 02/16/98 CL&RB 75, 02/18/98 CL&HJ 2, 02/20/98 AB 4, 02/22/98 HHo 7, 02/22/98 CL&HJ 4, 02/26/98 H&PH 2, 02/28/98 RS 8, 02/28/98 CL&RB 2, 03/01/98 RS 1, 03/01/98 RB 1, 03/03/98 R 3, 03/04/98 R 1, 03/06/98 R 3, 03/08/98 I&IT 2, 03/10/98 R 9
Northern Mockingbird	01/04/98 H&PH&GW 6, 02/14/98 J&JT 4, 02/16/98 CL&RB 8, 02/18/98 CL&HJ 4, 02/20/98 AB 3, 02/22/98 CL&HJ 2, 02/24/98 月 1, 02/25/98 CL&HJ 1, 02/25/98 CL&HJ 1, 02/25/98 CL&HJ 1, 02/25/98 CL&HJ 2, 02/28/98 LB 1, 02/28/9
Brown Thrasher	01/04/98 H&PH&GW 3, 02/14/98 J&JT 1, 02/16/98 CL&RB 3, 02/22/98 HHo 1, 02/28/98 RS 2, 02/28/98 RS 1, 02/28/98 CL&RB 1, 02/28/98 CL&RB 1, 02/28/98 BSG 2, 03/01/98 CL&RB 1
European Starling	01/04/98 H&PH&GW 6, 02/14/98 J&JT 2, 02/16/98 CL&RB 100, 02/18/98 CL&HJ 20, 02/20/98 AB 1, 02/22/98 CL&HJ 100, 02/26/98 H&PH 28, 02/27/98 RS 70, 02/28/98 RS 1, 02/28/98 CL&RB 20, 03/02/98 CL&PD 50, 03/04/98 JI 6, 03/06/98 JI 3, 03/06/98 JI 7, 03/08/98 E&SH 9
American Pipit	01/04/98 H&PH&GW 26, 01/29/98 TD,PD,E&SH,RS,&IT 12, 02/16/98 CL&RB 6, 02/18/98 CL&HJ 75, 02/25/98 CL&HJ 12, 02/26/98 H&PH 6, 02/27/98 RS 26, 02/28/98 RS 1, 02/28/98 RS 3, 02/28/98 BSG 2, 03/01/98 II 53, 03/02/98 CL&PD 1, 03/04/98 II 10, 03/06/98 II 35, 03/10/98 II 1
Cedar Waxwing	02/14/98 J&JT 125, 02/16/98 CL&RB 10, 02/18/98 CL&HJ 6, 02/20/98 AB 25, 02/22/98 CL&HJ 50, 02/26/98 H&PH 30, 02/28/98 CL&RB 10, 02/28/98 CL&RB 20, 03/01/98 RS 30, 03/03/98 II 5, 03/04/98 II 18, 03/09/98 H&PH 13
Orange-crowned Warbler	02/22/98 CL&HJ 1, 02/28/98 CL&RB 1
Cape May Warbler	02/22/98 CL&HJ 1, 02/28/98 CL&RB 1
Yellow-rumped Warbler	01/04/98 H&PH&GW 22, 02/14/98 1&JT 3, 02/16/98 CL&RB 10, 02/20/98 AB 6, 02/22/98 CL&HI 25, 02/24/98 II 21, 02/25/98 CL&HI 4, 02/25/98 Hh 7, 02/26/98 H&PH 8, 02/27/98 RS 7, 02/28/98 RS 3, 02/28/98 RS 1, 02/28/98 CL&RB 2, 02/28/98 CL&BB 10, 02/28/98 BSG 2, 03/01/98 II 11, 03/01/98 CL&RB 5, 03/01/98 RS 2, 03/01/98 I&JT 1, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 15, 03/09/98 HA 15, 03/09/98 HA 15, 03/04/98 II 27, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 15, 03/09/98 HA 15, 03/09/98 HA 15, 03/04/98 II 27, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/06/98 II 80, 03/08/98 I&JT 16, 03/04/98 II 26, 03/
Pine Warbler	01/04/98 H&PH&GW 2, 02/16/98 CL&RB 2, 02/22/98 CL&HJ 3, 02/28/98 CL&RB 3, 03/01/98 J&JT 2
Common Yellowthroat	02/21/98 BSG I
Eastern Towhee Chipping Sparrow	03/08/98 J&JT 1 01/04/98 H&PH&GW 3, 02/14/98 J&JT 1, 02/20/98 AB 3, 02/22/98 HHo 8, 02/26/98 H&PH 32, 03/03/98 PD 150, 03/08/98 SH&CN 1, 03/08/98 J&JT 50, 03/12/98
Field Community	H&PH 2 01/04/98 H&PH&GW 2, 02/26/98 H&PH 4, 02/28/98 BSG 1, 03/01/98 J&JT 1
Field Sparrow Vesper Sparrow	01/09/98 TD.PD.E&SH.RS.&FT 1, 02/16/98 CL&RB 1, 02/21/98 BSG 3, 02/28/98 CL&RB 12, 02/28/98 BSG 1, 03/02/98 CL&PD 6
Lark Sparrow	02/21/98 BSG 4, 02/28/98 CL&RB 12
Savannah Sparrow	01/24/98 H&FH&GW 2, 02/14/98 J&IT 10, 02/16/98 CL&RB 100, 02/18/98 CL&HJ 50, 02/21/98 BSG 150, 02/25/98 CL&HJ 10, 02/26/98 H&PH 143, 02/28/98 RS
Savannan Spariow	1, 02/28/98 RS 1, 02/28/98 BSG 8, 03/01/98 Л 72, 03/01/98 CL&RB 30, 03/02/98 CL&PD 10, 03/06/98 Л 2, 03/15/98 Л 7
Henslow's Sparrow	03/03/98 H&PH 1
LeConte's Sparrow	03/03/98 H&PH 2
Fox Sparrow	02/16/98 CL&RB 20, 02/25/98 CL&HJ 1, 02/28/98 RS 2, 02/28/98 RS 3, 03/06/98 JJ 1
Song Sparrow	01/04/98 H&PH&GW 40, 02/14/98 I&IT 2, 02/16/98 CL&BB 40, 02/18/98 CL&HJ 10, 02/22/98 CL&HJ 1, 02/24/98 II 1, 02/25/98 CL&HJ 12, 02/26/98 H&PH 12, 02/27/98 RS 5, 02/28/98 RS 5, 02/28/98 CL&RB 3, 02/28/98 CL&RB 4, 02/28/98 BG 13, 03/01/98 II 2, 03/01/98 II 10, 03/01/98 CL&RB 10, 03/01/98 J&JT 1, 03/01/98 II 1, 03/02/98 CL&PD 10, 03/06/98 II I, 03/02/98 CL&PD 10, 03/06/98 II I, 03/08/98 II I, 03/02/98 CL&PD 10, 03/06/98 II I, 03/02/98 II II I, 03/02/98 II II I, 03/02/98 II II I, 03/02/98 II
Lincoln's Sparrow	01/04/98 H&PH&GW 2, 02/16/98 CL&RB 1, 02/28/98 BSG 2, 03/02/98 CL&PD 1
Swamp Sparrow White-throated Sparrow	01/04/98 H&PH&GW 2, 02/16/98 CL&RB 5, 02/25/98 CL&HJ 8, 02/26/98 H&PH 8, 02/28/98 RS 1, 02/28/98 BSG 8, 03/01/98 II 2, 03/01/98 II 7, 03/08/98 I&IT 1 01/04/98 H&PH&GW 31, 02/14/98 I&IT 2, 02/16/98 CL&RB 25, 02/20/98 AB 3, 02/22/98 CL&HJ 10, 02/26/98 H&PH 30, 02/27/98 RS 4, 02/28/98 CL&RB 2, 02/28/98 RS 1, 02/28/98 RS 1, 02/28/98 RS 1, 02/28/98 CL&RB 10, 02/28/98 BSG 3, 03/01/98 CL&RB 10, 03/01/98 I&IT 18, 03/02/98 CL&PD 6, 03/03/98 II 1, 03/04/98 II 3, 03/07/98 HHo 5, 03/08/98 I&IT 6, 03/09/98 H&PH 16
White-crowned Sparrow	01/04/98 H&PH&GW 123, 02/14/98 I&IT 6, 02/16/98 CL&RB 100, 02/26/98 H&PH 40, 02/27/98 RS 18, 02/28/98 RS 1, 02/28/98 RS 1, 02/28/98 BSG 42, 03/01/98 II 7, 03/01/98 CL&RB 1, 03/02/98 CL&PD 25
Dark-eyed Junco	02/20/98 AB 6, 02/22/98 HHo 6, 02/22/98 CL&HJ 20, 02/26/98 H&PH 15, 02/27/98 RS 9, 02/28/98 CL&RB 2, 02/28/98 BSG 18, 03/01/98 J&JT 4, 03/08/98 SH&CN 4
Lapland Longspur	02/21/98 BSG 1
Northern Cardinal	01/04/98 H&PH&GW 41, 02/14/98 J&JT 3, 02/16/98 CL&RB 50, 02/17/98 HHo 5, 02/18/98 CL&RH 3, 02/20/98 AB 2, 02/22/98 CL&H 8, 02/24/98 JI 1, 02/26/98 H&PH 30, 02/27/98 RS 8, 02/28/98 RS 1, 02/28/98 RS 1, 02/28/98 CL&RB 10, 02/28/98 CL&RB 4, 02/28/98 BSG 6, 03/01/98 CL&RB 14, 03/01/98 JG 10, 03/01/98 JG 12, 03/01/98 RS 1, 03/02/98 CL&PD 2, 03/03/98 JR 4, 03/04/98 JR 3, 03/06/98 JR 2, 03/08/98 J&JT 4, 03/09/98 H&PH 1, 03/10/98 JR 3, 03/15/98 JR 4, 03/17/98 JR 2
Dickcissel	03/01/98 Л&МL 1, 03/03/98 Л 1, 03/04/98 Л 1, 03/17/98 Л 1
Red-winged Blackbird	01/04/98 H&PH&GW 3094, 02/14/98 L&IT 550, 02/16/98 CL&RB 2000, 02/18/98 CL&HJ 500, 02/22/98 CL&HJ 500, 02/24/98 II 60, 02/24/98 II 200, 02/25/98 HHo 1, 02/25/98 CL&HJ 50, 02/26/98 H&PH 80, 02/27/98 RS 300, 02/28/98 RS 1, 02/28/98 RS 1, 02/28/98 RS 1, 02/28/98 CL&RB 30, 02/28/98 CL&RB 20, 02/28/98 BSG 50, 03/01/98 II 6, 03/01/98 CL&RB 50, 03/01/98 II 41, 03/01/98 II 6, 03/02/98 CL&PD 100, 03/06/98 H&PH 200, 03/06/98 II 2, 03/10/98 II 2, 03/10/98 II 1
Eastern Meadowlark	01/04/98 H&PH&GW 54, 02/16/98 CL&RB 8, 02/18/98 CL&HJ 40, 02/22/98 CL&HJ 6, 02/24/98 П 2, 02/26/98 H&PH 23, 02/27/98 RS 12, 02/28/98 RS 1, 02/28/98 CL&RB 3, 02/28/98 BSG 4, 03/01/98 П 3, 03/01/98 П 4, 03/06/98 H&PH 3, 03/15/98 П 11, 03/15/98 П 1
Western Meadowlark	02/16/98 CL&RB 1, 02/21/98 BSG 2, 02/27/98 RS 2, 02/28/98 CL&RB 1, 03/01/98 CL&RB 40, 03/01/98 Л 1
Rusty Blackbird	01/04/98 H&PH&GW 41, 02/16/98 CL&RB 6, 02/18/98 CL&HJ 3, 02/28/98 CL&RB 1
Brewer's Blackbird	01/04/98 H&PH&GW 381, 02/16/98 CL&RB 30, 02/18/98 CL&HJ 350, 02/28/98 RS 1, 03/01/98 JI 26 01/04/98 H&PH&GW 32, 02/14/98 J&T 56, 02/18/98 CL&HJ 150, 02/22/98 CL&HJ 200, 02/25/98 CL&HJ 100, 02/27/98 RS 200, 02/28/98 RS 1, 02/28/98 RS 1,
Common Grackle	01/04/95 Res 1, 02/28/98 CL&RB 5000, 02/28/98 CL&RB 20, 02/28/98 BSG 30, 03/01/98 II 3, 03/01/98 II&ML 12, 03/01/98 II 30, 03/01/98 II 1, 03/04/99 II 8, 03/07/98 HHo-4, 03/10/98 II 1, 03
Brown-headed Cowbird	01/04/98 H&PH&GW 120, 02/16/98 CL&RB 30, 02/25/98 CL&HJ 5, 02/27/98 RS 25, 02/28/98 RS 1, 02/28/98 RS 1, 02/28/98 CL&RB 10, 02/28/98 BSG 50, 03/01/98 M&ML 3, 03/02/98 CL&PD 250, 03/03/98 П 12, 03/04/98 П 9, 03/17/98 П 5
Purple Finch	03/12/98 H&PH 1
House Finch	02/20/98 АВ 7, 02/25/98 ННо 2, 03/01/98 Л&ML 3, 03/03/98 Л 3, 03/04/98 Л 3, 03/17/98 Л 5
Pine Siskin	02/28/98 CL&RB 4, 03/01/98 J&JT 5
American Goldfinch	01/04/98 H&PH&GW 4, 02/16/98 CL&RB 3, 02/20/98 AB 3, 02/25/98 HHo 5, 02/28/98 RS 1, 02/28/98 CL&RB 2, 02/28/98 BSG 1, 03/01/98 J&JT 1, 03/12/98 H&PH 32
House Sparrow	01/04/99 H&PH&GW 25, 02/14/98 J&IT 2, 02/16/98 CL&RB 10, 02/20/98 AB 6, 02/28/98 RS 1, 02/28/98 BSG 6, 03/01/98 RS 1, 03/01/98 П&ML 12, 03/03/98 Л 15, 03/04/98 Л 12, 03/17/98 Л 10

Printed 1,128 records of 136 species



BIRD STUDY GROUP NEWSLETTER

Volume 12, Number 9 April 30, 1998

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

NEXT MEETING

May 12, 1998

6:30 p.m.

LSUS Museum of Life Sciences

BIRDS ON THE LOUISIANA REVIEW LIST

Roger Breedlove

Pineville, Louisiana

Refreshments will be available at 6:30 p.m. Come early to visit, relax and enjoy fellowship.

FIELD TRIPS

North American Migration Count - May 9

Bayou Dorcheat Natural Scenic Waterway - May 16

A Survey of North Louisiana Breeding Warblers - May 23

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

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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

May 9 - North American Migration Count. Contact: Hubert Hervey

May 16 - Bayou Dorcheat Natural Scenic Waterway. Contact: Roy Henderson

May 23 - A Survey of North LA Breeding Warblers. Contact: Terry Davis.

Editors note: For details on these trips, see Outings Update on Page 6.

Terry Davis: 741-1115 Roy Henderson: 861-7449 Hubert Hervey: 925-9249

ABOUT THE PROGRAM

Our speaker for the May meeting is Roger Breedlove. He has been a birder for 9 years and is a past-president of the Louisiana Ornithological Society. He supports his birding habit by being an Assistant District Attorney for the city of Alexandria, a post he has held for 15 years.

Has your membership expired? Check your address label.

SINGING MYSTERY BIRD

BY TERRY DAVIS

Something interesting happened to me on the morning of 11 April 1998 while driving through C. Bickham-Dickson Park looking for returning sandpipers and other shorebirds. As I drove down the hill into the park, I noted that the water had fallen at least a foot since I was in the park a few days earlier. The emerging muddy shoreline looked primed for shorebirds! Here, in the front portion of the park, the trees are tall and line the water's edge, or sometimes they are in the water when the park is flooded. I usually get Solitary Sandpiper along this stretch, though they are often found in open areas as well in other parts of the park. But the Solitary Sandpiper is the only shorebird I have ever found consistently in thick woods at the edge of a dirt road, rut or puddle. On their breeding grounds the Solitary Sandpiper nests high in conifers, which is an odd behavior for sandpipers. A likely guess would be that this possibly has something to do with their habitat selection during migration.

On this day there were no Solitary Sandpipers among the trees, so I drove farther into the park, and stopped for a couple of minutes along the willows and listened for warblers. Nothing but yellow-rumps ®, now singing more than chipping and putting on their breeding plumage, ready to head out any day now. I drove on and as I approached the area just before the stables, I noticed two shorebirds in the distance on the left, and two on the right. The two on the left were foraging within 5 feet of each other on a muddy flat. One was a Solitary Sandpiper and the other a Lesser Yellowlegs. I did not think anything about it until I looked at the birds the right and saw the same combination. They were almost touching one another. I thought this was strange, but I drove on making a right turn onto the loop road that was just emerging from the floodwaters. On my left and right were a few more Solitary Sandpipers and a group of four Lesser Yellowlegs. On to the back of the park!

I went around the loop and as I was approaching the boat ramp area I noticed a lone American Pipit on my left, at the edge of the water. I thought this would make a great photo,. Earlier in the day, I had missed an excellent opportunity to photograph a Spotted Sandpiper because of an exhausted camera battery. This time I was ready! I crossed my fingers, rolled down the window, killed the motor, coasted up slowly, right beside the bird, and stopped. The bird flinched but remained stooped down at the water's edge, camouflaged quite nicely by the muddy, recently emerged grass. The pipit was about 5 feet from my truck door. I held my breath, reached for my camera and slowly lifted the lens up to the window. The bird flinched again, fluttered about three feet, and then started foraging along the edge of the water. I exposed one frame

of film and then the bird walked out of my field of view, toward the front of the truck. My attention was then diverted to a pair of **Blue-winged Teal** that had quietly descended on the water 50 feet away.

I heard a distant sweet warbling, sounding as if it were drifting over the water. I knew it was not the jerky. squeaky, whistles of the teal, but I also realized that I had never heard it before. It sounded to me like a cross between a Winter Wren and a Painted Bunting, but sweeter. The mystery song was sweet sounding like the wren, but a little slower and rambling like the bunting. There were a few problems with this. There were not any trees or bushes for about 150 yards and the wind had picked up enough to drown out any clarity of song from that distance. It occurred to me that maybe a bird had flown over the truck singing a flight song with which I was not familiar. Puzzled, I was about to roll up the window and move on, when I heard it again. Quiet and low, yet very musical and clear. I looked down again at the pipit that had walked back toward the truck. It was so close I could almost reach out and touch him. He stopped and looked up at me as I looked down at him. I thought to myself, "Does'nt he wish he could sing like that." Almost as if he read my thoughts, he shuffled a little, ruffled his feathers slightly and softly whispered his sweet song again. Has anyone else ever heard an American Pipit sing?

NEWS FROM THE LIBRARY

Two new books have been added to the Bird Study Group Library. A Stillness in the Pines: The Ecology of the Red-cockaded Woodpecker by Robert W. McFarlane and Beyond Birding: Field Projects for Inquisitive Birders, by Thomas C. Grubb, Jr.

The book by McFarlane is written for the non-scientist. It is very readable and has many illustrations. Dr. Grubb's book gives ideas for projects that the general birder can do to move beyond just listing birds and begin studying them. Maybe even adding important information to our knowledge of birds.

All books in the Bird Study Group Library are available for checking out to members. Come and visit the library and see what wonderful things await you!

WARBLER WATCH

Cornell Laboratory of Ornithology and the National Audbon Society are cosponsoring a Warbler Watch this spring (1998). This endeavor will be used to monitor migratory movements and breeding distribution of American wood warblers. There is no sign-up or fee. It

does require Internet access. Go to the Warbler Watch web page (http://birdsource.cornell.edu) and place your information in a ready to use form. Results will be posted on the same web page as animated maps that will show migratory movements of all warbler species. The site will also have pictures and sounds.

WEB PAGES OF INTEREST

Louisiana Ornithological Society web page: http://www4.linknet.net/loste/lospage.htm

A site for Louisiana river stage information: http://wwwdlabrg.er.usgs.gov (Note: no period (.) after the www)

A collection of bird sounds: http://www.Earthlings.org

Species profiles for threatened, endangered, and sensitive species of the southeastern United States: http://www.wes.army.mil/el/tes/

Latin names and citations for all bird species: http://zoonomen.net/avtax/frame.html

Cornell Laboratory of Ornithology's Bird Source web page:

http://birdsource.cornell.edu

CHOO-CHOOING AROUND THE ATCHAFALAYA

By Hubert Hervey

Eighteen members of the Bird Study Group and the Bayou Chapter of the Ozark Society had a rewarding experience on the Atchafalaya Basin Canoe Trip, led by Charles Fryling. We saw some really good birds and were treated to a down south swamp experience by our leader. But the ones who probably enjoyed it the least, were Mark Norris of Mark Norris Canoe Outfitter fame and Roy Henderson. Neither of these good men deserved the fate that happened to them. The rest of the story now unfolds.

On the way down I-49, with a full load of canoes, Mark had radiator trouble. He had to leave his borrowed truck with a mechanic in Ville Platte, who agreed to have it repaired by Sunday afternoon. Roy came up from Butte LaRose and towed the canoes from Ville Platte to the campground. Thanks to Roy, the canoe trip came off on schedule.

Six hours of paddling a canoe brought new muscles into use for many of us. I can now hold my binoculars steadier than ever because of that muscle-building exercise, called rowing. Can the Bird Study Group please buy a rowing machine for us to work out on? Or maybe a health club membership would be cheaper.

A favorite childhood story of mine was *The Little Engine That Could.* I liken the paddling of a canoe into a steady north wind against a slow moving current to the Little Engine, as it was pulling a heavy load up a steep hill. It kept repeating: "I think I can. I think I can." Then a stronger puff of wind mixed with the drizzle caused us all to hold on to bushes until the gust passed. When the Little Engine reached the top of the hill, it heaved with a sigh of relief: "I knew I could! I knew I could!" I felt the same way when the current and the north wind combined to make the return trip easier.

We passed a **Bald Eagle** nest, from which two eaglets had already fledged. We admired the two beautiful adults a mile or two away. At times, the birding was all we could have asked for. All the canoes gathered around a **Barred Owl**. It was a Kodak moment. The owl would look at our group and quickly look away. I finally figured out that the owl thought that when it looked away, we weren't there. This happened several times before it got the message that we were really there, and flew to another tree a short distance away.

But Mother Nature had a final trick to play. With the dock just minutes away, the rain came down in earnest. All the canoers were prepared for rain and no one got their engine stalled due to running out of water in the boiler for making steam power. I could have used some "loco-motion" myself.

Most of us were still around the launch area when the treat of the trip occurred. A pair of **Swallow-tailed Kites** came gracefully circling over us. The sight brought "oohs and ahhs" from the appreciative viewers. The Little Engine was tooting his whistle as the kites easily climbed the air currents and soared out of sight.

Several of our folks celebrated in the Cajun fashion, by enjoying the dining and dancing at Mulates in Breaux Bridge. Little boys and little girls, dressed up and dancing together, proved to be a most endearing moment. This famous restaurant offers a uniquely Cajun experience to those of us who were not raised in south Louisiana. Surprisingly, no one wanted to canoe on a beautiful Sunday morning, when the weather was perfect. Mississippi Kites were flitting around the trees at Roy's camping area, when Pat and I arrived to tow Mark's canoes to Ville Platte. Prothonotary Warblers and Northern Parulas were singing all around. Things could not have looked better, or gone worse. All children's stories have a happy ending, and I guess this one does too. But if a comparison is to be made between the struggles of the Little Engine and Roy and Mark, then a derailment is about to happen. The Ville Platte mechanic conferred with Mark upon our arrival. He said the overheating problem was easy to solve, by removing the thermostat. That was an easy job for him to do. Mark left Ville Platte, at 1:30 p.m., towing a full load of canoes and carrying three extra gallons of water. Roy was following behind in his truck towing his camper in case of trouble. Thinking the problem had been solved, Pat and I headed for home, not imagining that it would be twelve more hours before Mark and Roy arrived at home. The following misadventures unraveled: Mark's truck overheated every fifteen or twenty miles. Soon, all the reserve water was gone. North of Alexandria, at Tioga, the engine caught on fire. The truck had to be towed to Shreveport. I think this story could have been called, *The Little Engine That Couldn't* or *The Truck Engine That Didn't*.

Added Note: Mark pulled <u>more</u> canoes than were needed because of no shows and last minute cancellations..

Eurasian Collared-Dove Identification

by Mac Hardy

ver the past several years the Eurasian Collared-Over the past several years and analysis over the United States from its probable point of origin in Florida. It is now common in many localities in southern Louisiana. Hubert and Pat Hervey first reported Eurasian Collared-Doves for our area on 15 June 1997. Terry Davis recently reported two Eurasian Collared-Doves coming to his feeder in Bossier City on 10 April 1998. Based on records from Gordon Blackman on 27 May 1990 (2 birds) and 17 June 1990 (1 bird) and Norma Cobb on 15 January 1992 we had already listed Ringed Turtle-Dove as a member of our local avifauna (current check list). Because of Hubert's and Pat's and Terry's reports and the likelihood that the Eurasian Collared-Dove is in our area and should be added to our local list I examined some of the background in order to determine if we were dealing with one species or two.

The American Ornithologists' Union checklist (including the last supplement) recommends that the two species be recognized. Few field guides provide sufficient information to distinguish the two species and most do not even include both species. The characteristics used are usually subjective and confusing. However, an excellent review of the two species was written by William Smith (American Birds 41:1371-1379, 1987). Smith provides an interesting history of the expansion of both species and an excellent comparison of characteristics.

Four characteristics are most consistent and dependable for distinguishing these two species. Six other characteristics are distinctive, but they are variable enough that none can be used alone to identify either species.

The best and most dependable characteristics are as follows (Eurasian Collared-Dove listed first followed by the characteristic of the Ringed Turtle-Dove, RTD): 1) Call: Unrolled "kuk-kooooooó-kook," often in series with brief pauses between phrases; RTD, rolled "kooeek-krrrrooooo(aw)," usually longer pauses between phrases. 2) Note: Harsh screaming mew, like muffled peafowl or loud catbird, given in flight or while alighting; RTD, soft jeering laugh, "heh-heh-heh-heh," usually given only at rest. 3) Vent and undertail coverts: gray, much like rest of underparts; RTD, whitish, often contrasting with rest of underparts. 4) Tail: Outer web of outer tail feather mostly dark; RTD, outer web of outer tail feather mostly white.

Other, characteristics, not diagnostic by themselves are: 1) Size: Much larger and more robust than Mourning Dove; RTD, variable, but usually smaller and daintier than ECD but still larger than Mourning Dove. 2) Color: Pale sandy brown with buffy gray neck, head, underparts; RTD, variable, but often creamier or pinker, lacking the gray tones. 3) Wings: Primaries obviously darker than rest of wing; RTD, primaries often not much darker than rest of wing. 4) Tail shape: Long, rounded or squarish; RTD, often shorter, often looks pointed, but some very long. 5) Tail color: Dark basal underside roughly reaches tip of undertail coverts; RTD, dark basal underside just over half way to tip of undertail coverts. 6) Behavior: Usually sly; may seem confiding until one tries to approach; RTD, meek, usually quite approachable, can sometimes be picked up.

So, if you see a dove that might be one of these species be sure to observe the **undertail coverts** (gray or white) and the **outer web of the outer tail feather** (dark or white). If you hear the call or note remember the details. Also notice the primary contrast and the position of the dark band under the tail.

LOS 1999 WINTER MEETING TO BE HELD IN SHREVEPORT

The Bird Study Group will be hosting the Louisiana Ornithological Society winter meeting. The meeting will be held 29-31 January 1999. We will need to form a steering committee soon.

OUTINGS UPDATE

By Hubert Hervey

May 2 - CANCELLED - Barksdale Air Force Base Canoe Trail Trip. Due to no water in the trail, the canoes would not float, and, thus would be very hard to paddle.

MAY 9 - NAMC - North American Bird Migration Count. I am always surprised by how many warblers are turned in on the NAMC day. We counted 139 species of birds in 1997, an increase of twelve over 1996. We can get 140 species in 1998! Let us consider calling this the NAMC BIG DAY. I will get your information packet to you before count day, if you are a regular participant, or indicated you desire to participate at the April meeting. If your wish to participate is not known to me, please contact me and I will sign you up. The count tally is after dark, at Larry Raymond's home in Blanchard. Call Larry if you plan to attend, so he will know how many to prepare for. If you cannot get to Larry's, please phone in your results to his home, so we will have a final total that evening.

MAY 16 – BAYOU DORCHEAT NATURAL SCENIC WATERWAY - We look forward to returning to this beautiful stream, and hope for better weather this time. Mark Norris Canoe Outfitters has graciously agreed to furnish the canoes for this trip. This trip takes a little over a half day, so provide your own food and drink. All the paddling will be downstream. You should call Roy Henderson a couple of days ahead of time so he can tell Mark how many canoes we need. Meet at Bayou Inn Catfish Restaurant (in the parking lot) in Dixie Inn at 7:30 a.m. Leader: Roy Henderson.

MAY 23 – A SURVEY of NORTH LOUISIANA BREEDING WARBLERS – We will go to the woods where we hope the warblers will be. Special effort will be made to locate Hooded, Kentucky, Swainson's, and Worm-eating Warblers, and Louisiana Waterthrush. The participants can choose what warblers they want us to locate and we will try to do so. This is an all day trip for the dedicated birder. Leave from LSUS parking lot at 6:00 a.m. Leader: Terry Davis.

JUN 6 - CANCELLED - Kisatchie - No leader is available and without a leader you might become lost. With one, you probably would get lost too. If I were the leader you would surely get lost.

JUN 20 – BAFB ROOKERY – We need a leader for this. I will be working out of the base Conservation Office and will do all I can to help you get in the gate, if you will agree to lead it. Watch the June Newsletter for details.

JUL 18 - CLARK'S ISLAND on the RED RIVER - Paul Dickson has agreed to take all bird watchers out in his boat. He needs to know by Wednesday, July 15th how

many are going so he will know which boat to bring. So, you will have to call Paul if you plan to go. Some early shorebird migrants are likely to be around. We will not get out and walk on the island if the Interior Least Terns nested there, as they are endangered. This is our first ever July outing, and future mid-summer outings will depend on your response.

More information can be obtained from the trip leaders at these numbers:

Terry Davis: 741-1115 Paul Dickson: 798-1000 Roy Henderson: 861-7449 Hubert Hervey: 925-9249 Jim Ingold: 797-5236 Larry Raymond: 929-2806

AN INCREDIBLE SIGHT

By Hubert Hervey

ateline Barksdale Air Force Base: 16 April 98. The Data of insects (probably southern pine beetles), leaving the huge, dead pine tree was just beginning, when I discovered it about 12:00 noon. Actually, a pair of Summer Tanagers discovered the insects, and I discovered the bright red male tanager. He was feeding on the bugs as they emerged from old woodpecker holes in the tree. Thousands of the white-winged insects were drifting up, up and away on the gentle breeze. Soon, I observed other birds flitting about or gleaning insects from nearby trees. Yellow-rumped Warblers were content to fly out a few feet and catch all they could eat. Blue-gray Gnatcatchers were doing the same, but staying a little farther from the source of the bounty. Pine Warblers and one Orange-crowned Warbler were kept busy because the lunch counter was open for business.

Partaking from the smorgasbord that had settled on nearby living trees were some unlikely diners. Blue Jays and Northern Cardinals joined with the Red-eyed Vireos and Tufted Titmice, creeping from limb to limb and leaf to leaf, eating with gusto.

About 12:45 p.m., at the height of the swarm, the slick surface of the tree was covered with emerging beetles, waiting their chance to join the throng in the sky. The sky was filled with gossamer-winged insects, drifting with the vagaries of the wind. I will use a number like, a million, because there were surely more insects than that on their way to find other pine trees to feast upon. So we see, that a dead tree offers more than just a cavity for nesting birds. It is a source of nourishing food for almost every bird fortunate enough to get to the diner during lunch hour. Both residents and migrant birds made real pigs of

themselves. The insect flight was completely over by 1:00 p.m. and the diner closed its doors.

MINUTES OF MEETINGS

MINUTES OF THE APRIL MEETING April 14, 1998, 7:00 p.m. Museum of Life Sciences at

PROGRAM: The group watched the video "Watching Warblers."

ANNOUNCEMENTS

Betty Speairs announced the joint meeting of the Arkansas and Oklahoma Ornithological Societies in Mena, Arkansas.

Jim Ingold announced "Teaming With Wildlife." This Federal Aid in Wildlife and Sport Fish Restoration is a funding proposal through special taxes that will benefit bird conservation with increased money for such things as habitat management, education, research, wildlife facilities and programs to promote bird observation and appreciation.

Mac Hardy reminded everyone the LOS will meet in Cameron on April 24, and 25. He said that the club will be able to use the Rockefeller facilities for \$10 per night per person.

COMMITTEE REPORTS

Nominating Committee: The Nominating Committee needs volunteers.

Field Trips: Hubert Hervey said that the Atchafalaya canoe trip is the weekend of April 17 and 18. About 25 people will attend. The North American Migration Count (NAMC) is May 9. Call Hubert Hervey if you would like to participate and have not been a regular participant. The Clark's island field trip will be July 18. Paul Dickson will lead. He will meet participants at Clark's Landing, but members must call him one week ahead of time so that he can make plans. Hubert announced that the Barksdale canoe trail field trip on May 2, needs a leader. Roy Henderson volunteered to lead the trip. Roy Henderson will lead Bayou Dorcheat canoe trip on May 16. Terry Davis will lead the May 23 survey of North Louisiana breeding warblers. The June 6 trip to Kisatchie needs a leader. The field trip to the Barksdale rookery needs a leader on June 20. Hubert will lead this if necessary.

MINUTES OF THE BOARD MEETING April 7, 1998 Museum of Life Sciences at LSUS

Board Members Present: Mac Hardy, Hubert Hervey, Shirley Huss, Larry Raymond, Jeff Trahan, Jean Trahan, Will Smolenski.

NEW BUSINESS:

Jean Trahan said that we had to form a nominating committee to fill positions for next year. Hubert Hervey will chair the committee.

COMMITTEE REPORTS:

Field Trips: Hubert Hervey said that we need some replacements for leaders for some of the field trips. Terry Davis will take the survey of breeding warblers (May 23). We still need help on the May 2, Barksdale canoe trip; the field trip to Kisatchie National Forest on June 6; and the June 20, trip to Barksdale to see the rookery. Paul Dickson will lead the trip to Clark's island on July 18. This outing will begin at 8:00 a.m. from Clark's Landing. Anyone interested in the Clark's Island trip should call Paul a week ahead of time. The Atchafalaya canoe trip will be well attended on April 17, 18, and 19. Hubert says that he needs An impromptu outing phone tree, in order that an outing can be organized quickly in case of a rare bird sighting or if an outing is rescheduled.

Membership: Shirley Huss reported an approximate 135 paid members.

Programs: Larry Raymond reported that we need someone to do the June meeting.

OTHER BUSINESS:

Larry Raymond said that the club must decide if we want to participate in Earth Camp. Earth Camp is an environmental day camp sponsored by Caddo Parish. The board voted to give \$100 to the cause. Hubert asked if the club would pay Mark Norris' camping fee for the Atchafalaya canoe outing. The fee will be about \$32. The board voted to do this.

Mac Hardy said that he had requested the guesthouse at Rockefeller Wildlife Refuge for the spring LOS meeting. He says that the rules have changed that they require \$10 per person per night for participants over 18 years of age. Payment must be made in advance. Everyone 16 to 59 years of age must have a valid fishing, hunting, or wildlife license.

Use your Kroger Card It helps the BSG

BIRD NOTES - APRIL

Compiled April 28, 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
BSG	Bird Study Group	03/28/98 Jimmy Davis Bridge and Hamel Memorial Park, 03/28/98 Lock & Dam 5 and LA 515,
		Rookery area, 03/28/98 Loggy Bayou WMA, and Poole Road, 04/04/98 Soda Lake Wildlife
		Refuge.
BW	Bill Wood	03/25/98 Shreveport, Hamel Memorial Park and Clyde Fant Parkway
BW&KM	Bill Wood and Kurt Mellen	03/15/98 Cross Lake
BWOOD&S	Bill Wood and nephew Sterling	03/22/98 North Toledo Bend, Jolly Rogers Marina
CL	Charles Lyon	04/15/98 Shreveport, C. Bickham-Dickson Park
CL&HJ	Charles Lyon and Horace Jeter	04/19/98 C. Bickham-Dickson Park and south Caddo Parish, 04/19/98 North side, Cross Lake,
		04/19/98 Powhatan area and I-49 borrow pits
CL&SD	Charles Lyon and Susan Derives	04/12/98 I-49 borrow pits, 04/12/98 Yearwood Road, Ellerbe Road
ET	Ellen Tippett	03/22/98 Catfish Ponds on LA 71, 03/23/98 Loggy Bayou
Н&РН	Hubert and Pat Hervey	03/25/98 Grand Cane to Stanley to Toledo Bend - Oak Ridge Park, 04/15/98 Barksdale Air
		Force Base
HH	Hubert Hervey	03/29/98 Stonewall, Hervey Dairy Farm, 03/30/98 Stonewall, Hervey Dairy Farm, 03/31/98
		Stonewall, Hervey Dairy Farm, 04/01/98 Stonewall, Hervey Dairy Farm, 04/06/98 Stonewall,
		Hervey Dairy Farm, 04/07/98 Stonewall, Hervey Dairy Farm, 04/08/98 Stonewall, Hervey
		Dairy Farm, 04/16/98 Barksdale Air Force Base, 04/17/98 Barksdale Air Force Base, 04/20/98
		Barksdale Air Force Base
HH&TD	Hubert Hervey and Terry Davis	03/20/98 C. Bickham-Dickson Park, 03/20/98 Champion Lake area, 03/20/98 Elm Grove area,
	•	03/20/98 LA 515 Rookery, 03/20/98 Lock & Dam No. 5 and Poole Rd, 03/20/98 Loggy Bayou
		WMA, 03/20/98 Marie Hamel Park to Jimmie Davis Bridge

OBSERVERS

	Name	Date and Place
J&JT Je&JT JI	Jeff & Jean Trahan Jean and Jeff Trahan	03/14/98 I-49 and Smithport Lake Road., 03/14/98 I-49 at Carmel (mile marker 191)., 03/14/98 LA 1 south to LA 509., 03/14/98 LA 509., 03/14/98 Shreveport: North Lakeshore Dr. 03/14/98 Shreveport: North Lakeshore Dr. (Brewster's Landing), 03/14/98 Smithport Lake. 03/14/98 Walter B. Jacobs Memorial Nature Park., 03/17/98 Shreveport: 505 Americana (residence)., 03/18/98 Shreveport: 505 Americana (residence)., 03/24/98 Shreveport residence, 03/24/98 LA 1 south to LA 509, 03/28/98 Shreveport: Clyde Fant Parkway. 03/28/98 Wallace Lake Dam., 04/10/98 Richard Fleming Park., 04/11/98 Noah Tyson Park. 03/29/98 Robson Road., 03/29/98 Wallace Lake Dam.
	Jim Ingold	03/18/98 C. Bickham Dickson Park, Shreveport, 03/18/98 Residence, Bossier City, 03/22/98 Bossier City, Residence, 03/24/98 Shreveport: Hamel Memorial Park and Clyde Fant Parkway, 03/25/98 Bossier City, Residence, 03/21/98 Bossier City, Residence, 03/29/98 Bossier City, Residence, 03/29/98 Bossier City, Residence, 03/29/98 Brewster's Landing and Cross Lake, 04/14/98 Shreveport: C. Bickham Dickson Park, 04/17/98 C. Bickham-Dickson Park, 04/17/98 Marie Hamel Memorial Park, 04/17/98 Stoner Ave. Boat Ramp, 04/20/98 Shreveport: downtown., 04/23/98 Shreveport: C. Bickham Dickson Park., 04/23/98 Shreveport: Stoner Ave. boat launch woods.
JI&ML	Jim Ingold and Marc Lukens	04/01/98 Bossier City: residence.
JI&TD	Jim Ingold & Terry Davis	04/19/98 Shreveport: woods at Stoner Ave. boat launch.
JI,JT&GSs	J. Ingold, Jeff Trahan & Girl Scouts	03/21/98 Shreveport, Girl Scout Headquarters, Jewella Ave.
JT 	Jeff Trahan	03/21/98 Shreveport, Jimmie Davis Bridge 02/17/98 Earl G. Williamson Park., 02/17/98 Walter B. Jacobs Memorial Nature Park., 02/26/98
LRR	Larry R. Raymond	Walter B. Jacobs Memorial Nature Park., 03/09/98 Walter B. Jacobs Memorial Nature Park., 03/11/98 Walter B. Jacobs Memorial Nature Park., 03/11/98 Walter B. Jacobs Memorial Nature Park., 03/18/98 Walter B. Jacobs Memorial Nature Park., 03/18/98 Walter B. Jacobs Memorial Nature Park., 03/18/98 Walter B. Jacobs Memorial Nature Park., 03/19/98 Walter B. Jacobs Memorial Nature Park., 04/01/98 Walter B. Jacobs Memorial Nature Park., 04/01/98 Walter B. Jacobs Memorial Nature Park.
MW,VC,JC,&VN	Marg Walker, Vickie Camp, Janelle Camp&Velda Neilson	03/19/98 Brewster's Landing, Cross Lake
PLH	Patricia L. Hervey	03/25/98 Stonewall, Hervey Dairy Farm, 03/29/98 Stonewall, Hervey Dairy Farm, 03/31/98 Stonewall, Hervey Dairy Farm, 04/01/98 Stonewall, Hervey Dairy Farm, 04/08/98 Stonewall, Hervey Dairy Farm, 04/21/98 Stonewall, Hervey Dairy Farm, 04/26/98 Stonewall, Hervey Dairy Farm
RS	Rosemary Seidler	03/15/98 I-49, Mile #181, 03/24/98 Shreveport, Stoner Boat Launch, 03/25/98 Shreveport, Clyde Fant and Preston, 03/27/98 Soda Lake, 03/28/98 Highway from Leonard Road to Lock & Dam No. 5, 04/11/98 I-49 barrow pits
RS&ET	Rosemary Seidler and Ellen Tippett	03/21/98 Greenwood, Boothill Speedway, 03/21/98 Richard Fleming Park, 03/21/98 South Lakeshore - west end, 03/21/98 Walter Jacob Park, 03/26/98 Catfish Ponds, Sentell Rd, 03/26/98 Oil City, Williamson Park, 03/26/98 Soda Lake area
RS&LC TD	R. Seidler and Lori Cunningham Terry Davis	04/10/98 C. Bickham-Dickson Park, foot of 70th St. Bridge 03/12/98 Soda Lake WMA, 03/15/98 Richard Fleming Park, Cross Lake, 03/15/98 Soda Lake WMA, 03/17/98 Shreveport, near I-20 and Monkhouse Drive, 03/18/98 Blanchard, Albany Rd. and Walter B. Jacobs Park, 03/18/98 Brewster's pocket, Cross Lake, 03/19/98 Henderson Gin Rd. near Blanchard, 03/21/98 Lock and Dam #5., 03/23/98 Shreveport: Earl G. Williamson Park., 03/24/98 Shreveport: Oxford St., one block S Murphy St., 03/30/98 LA hwy. 538, 0.3 mi. N of St. John's Baptist Church., 04/01/98 LA hwy. 169 from I-20 to 6.1 N., 04/03/98 Woolworth Rd. 1/8-1/4 mi. N landfill., 04/10/98 Bossier City: 905 McDade St., 04/11/98 Shreveport: C. Bickham Dickson Park., 04/14/98 Shreveport: Stoner Boat Launch woods., 04/18/98 I-220 at Red River, 04/18/98 Vanceville Rd. and Old Brownlee Inters., 04/22/98 4.5 mi. S jct. LA 175 and LA 84.
TD&JI	Terry Davis & Jim Ingold	04/17/98 Shreveport, Clyde Fant & Jimmy Davis Bridge (seasonal pool)
WHS	W. H. Smolenski	03/12/98 Shreveport: residence, 526 Dunmoreland Dr.
		RECORDS

Common Name	Data
Pied-billed Grebe	03/12/98 TD 5, 03/14/98 J&IT 2, 03/15/98 BW&KM 12, 03/18/98 II 1, 03/18/98 II 1, 03/20/98 HH&TD 9, 03/20/98 HH&TD 2, 03/20/98 HH&TD 4, 03/20/98
•	HH&TD 2, 03/20/98 HH&TD 1, 03/21/98 RS&ET 1, 03/22/98 BWOOD&S 1, 03/25/98 H&PH 1, 03/26/98 RS&ET 1, 03/26/98 RS&ET 1, 03/28/98 RS 1, 03/28/98
	BSG 2, 03/28/98 BSG 2, 03/28/98 J&JT 8, 03/28/98 BSG 9, 03/29/98 II 2, 04/04/98 BSG 5, 04/10/98 RS&LC 7, 04/11/98 RS 1, 04/12/98 CL&SD 4, 04/12/98
	CL&SD 42, 04/12/98 J&JT 1, 04/15/98 H&PH 2, 04/19/98 CL&HJ 12
American White Pelican	03/20/98 HH&TD 7, 03/22/98 BWOOD&S 14, 03/25/98 H&PH 36, 03/28/98 BSG 3, 04/19/98 CL&HJ 5
Double-crested Cormorant	02/17/98 LRR 1, 03/12/98 TD 1, 03/14/98 L&JT 4, 03/14/98 L&JT 1, 03/15/98 BW&KM 29, 03/18/98 JI 3, 03/18/98 JI 3, 03/20/98 HH&TD 20, 03/20/98 HH&TD
	200, 03/20/98 HH&TD 180, 03/20/98 HH&TD 8, 03/20/98 HH&TD 20, 03/21/98 RS&ET 1, 03/22/98 BWOOD&S 1001, 03/24/98 JI 12, 03/25/98 H&PH 81,
	03/27/98 RS 1, 03/28/98 J&JT 1, 03/28/98 BSG 2, 03/28/98 J&JT 20, 03/28/98 BSG 210, 03/29/98 Je&JT 5, 04/04/98 BSG 5, 04/10/98 RS&LC 2, 04/11/98 RS 1,
	04/11/98 J&JT 150, 04/12/98 J&JT 11, 04/12/98 CL&SD 2, 04/12/98 CL&SD 6, 04/14/98 JI 1, 04/15/98 CL 2, 04/15/98 H&PH 2, 04/19/98 CL&HJ 10, 04/19/98
	СL&HJ 1, 04/19/98 CL&HJ 100
Anhinga	03/14/98 LETT 7, 03/20/98 HH&TD 4, 03/28/98 BSG 30, 04/04/98 BSG 3, 04/11/98 RS 2, 04/12/98 CL&SD 4, 04/20/98 HH 3
Great Blue Heron	03/12/98 TD 2, 03/14/98 J&JT 3, 03/14/98 J&JT 4, 03/15/98 BW&KM 4, 03/18/98 JI 2, 03/18/98 JI 2, 03/20/98 HH&TD 2, 03/20/98 HH&TD 4, 03/20/98 HH&TD
	1, 03/20/98 HH&TD 1, 03/21/98 RS&ET 1, 03/22/98 BWOOD&S 2, 03/24/98 II 1, 03/25/98 H&PH 2, 03/26/98 RS&ET 1, 03/26/98 RS&ET 1, 03/28/98 RS 2,
	03/28/98 BSG 4, 03/28/98 J&JT 1, 04/10/98 J&JT 1, 04/10/98 RS&LC 1, 04/11/98 RS 1, 04/11/98 J&JT 1, 04/12/98 CL&SD 4, 04/12/98 CL&SD 3, 04/14/98 JI 2,
	04/15/98 CL 1, 04/17/98 Л 2, 04/19/98 CL&HJ 4, 04/19/98 CL&HJ 2, 04/19/98 CL&HJ 5, 04/23/98 Л 1, 04/23/98 Л 1, 04/26/98 PLH 1
Great Egret	02/17/98 LRR 1, 03/14/98 J&JT 3, 03/14/98 J&JT 1, 03/15/98 BW&KM 9, 03/18/98 JI 4, 03/18/98 JI 4, 03/20/98 HH&TD 1, 03/20/98 HH&TD 38, 03/20/98
	HH&TD 2, 03/21/98 RS&ET 1, 03/22/98 BWOOD&S 3, 03/24/98 RS 1, 03/24/98 II 3, 03/25/98 H&PH 1, 03/26/98 RS&ET 1, 03/28/98 RS 3, 03/28/98 BSG 1,
	03/28/98 BSG 55, 03/28/98 BSG 2, 03/29/98 JI 1, 03/29/98 PLH 1, 03/31/98 PLH 1, 04/04/98 BSG 1, 04/10/98 L&IT 1, 04/10/98 RS&LC 1, 04/11/98 RS 1, 04/12/98
	CL&SD 12, 04/12/98 CL&SD 6, 04/14/98 II 10, 04/15/98 CL 6, 04/17/98 II 2, 04/19/98 CL&HJ 20, 04/19/98 CL&HJ 6, 04/23/98 II 3

Common Name	Data
Snowy Egret	03/20/98 HH&TD 1, 03/28/98 RS 8, 03/28/98 BSG 1, 04/10/98 RS&LC 2, 04/11/98 RS 1, 04/12/98 CL&SD 3, 04/12/98 CL&SD 10, 04/12/98 J&JT 3, 04/14/98 JI
Showy Egiet	13, 04/15/98 CL 14, 04/17/98 II 16, 04/17/98 II 1, 04/19/98 CL&H 16, 04/19/98 CL&H 12, 04/12/98 II 3
Little Blue Heron	03/15/98 BW&KM 1, 03/20/98 HH&TD 1, 03/22/98 ET 2, 03/28/98 BSG 9, 04/10/98 RS&LC 3, 04/11/98 RS 2, 04/12/98 CL&SD 2, 04/12/98 CL&SD 6, 04/15/98
	CL 2, 04/15/98 H&PH 1, 04/17/98 Л 1, 04/19/98 CL&HJ 15, 04/19/98 CL&HJ 3, 04/23/98 Л 1
Tricolored Heron	03/28/98 RS 1, 04/19/98 CL&HJ 1
Cattle Egret	03/14/98 J&JT 1, 03/25/98 H&PH 5, 03/25/98 BW 3, 03/26/98 RS&ET 1, 03/28/98 RS 27, 03/28/98 BSG 8, 03/29/98 J&JT 35, 04/01/98 PLH 6, 04/10/98 RS&LC 1, 04/11/98 RS 1, 04/12/98 CL&SD 75, 04/12/98 CL&SD 12, 04/15/98 H&PH 1, 04/19/98 CL&HJ 150
Green Heron	1, 04/11/30 No. 1, 04/12/30 CL&SD 1, 04/12/30 CL&SD 12, 04/12/30 CL&H 1, 04/13/30 CL&H 1 NO. 13/13/30 CL&H
Black-crowned Night-Heron	03/20/98 HH&TD 1, 03/20/98 HH&TD 1, 03/21/98 TD 20, 03/28/98 BSG 1, 04/12/98 CL&SD 1
Yellow-crowned Night-Heron	03/24/98 TD 5, 04/15/98 H&PH I
White Ibis	04/19/98 CL&HJ 2
Black Vulture	03/14/98 J&JT 6, 03/14/98 J&JT 8, 03/19/98 LRR 1, 03/20/98 HH&TD 2, 03/20/98 HH&TD 2, 03/21/98 RS&ET 1, 03/22/98 BWOOD&S 1, 03/25/98 H&PH 1,
	93/26/98 RS&ET 1, 03/26/98 RS&ET 1, 03/28/98 RS 5, 03/28/98 BSG 4, 03/28/98 BSG 5, 03/29/98 JI 1, 03/31/98 PLH 5, 04/01/98 HH 1, 04/04/98 BSG 3, 04/10/98
Turkey Vulture	J&IT 1, 04/11/98 RS 6, 04/12/98 CL&SD 5, 04/12/98 CL&SD 2, 04/19/98 CL&HJ 3, 04/19/98 CL&HJ 2, 04/20/98 HH 3, 04/21/98 PLH 3 04/26/98 PLH 2 03/14/98 J&IT 1, 03/14/98 J&IT 2, 03/20/98 HH&TD 2, 03/20/98 HH&TD 6, 03/21/98 RS&ET 1,
Tarkey Valuate	21, 03/24/98 LRR 2, 03/25/98 H&PH 28, 03/26/98 RS&ET 1, 03/26/98 RS&ET 1, 03/26/98 RS&ET 3, 03/28/98 BSG 7, 03/28/98 BSG 5, 03/28/98 B&J
	1, 03/29/98 Je&JT 1, 03/29/98 JI 2, 03/29/98 Je&JT 3, 03/31/98 PLH 8, 04/01/98 HH 2, 04/04/98 BSG 5, 04/10/98 Je&JT 2, 04/10/98 RS&LC 1, 04/11/98 RS 8,
	04/11/98 J&JT 1, 04/12/98 J&JT 1, 04/12/98 CL&SD 10, 04/12/98 CL&SD 6, 04/15/98 CL 2, 04/19/98 CL&HJ 15, 04/19/98 CL&HJ 6, 04/19/98 CL&HJ 10,
	04/20/98 HH 2, 04/21/98 PLH 2, 04/26/98 PLH 1
Snow Goose Wood Duck	03/24/98 JT 1
Wood Duck	02/26/98 LRR 1, 03/12/98 TD 6, 03/14/98 J&JT 6, 03/15/98 BW&KM 2, 03/20/98 HH&TD 2, 03/20/98 HH&TD 4,
	04/04/98 BSG 5, 04/10/98 I&JT 4, 04/12/98 J&JT 2, 04/16/98 HH 6, 04/17/98 TD&JT 5, 04/19/98 CL&H 4, 04/12/98 PBG 5, 04/19/98 TD&JT 2, 04/16/98 HH 6, 04/17/98 TD&JT 5, 04/19/98 TD&JT 2, 04/19/98 TD&JT 2, 04/16/98 HH 6, 04/17/98 TD&JT 5, 04/19/98 TD&JT 2, 04/19/19/19/19/19/19/19/19/19/19/19/19/19/
Green-winged Teal	03/28/98 RS 9
Mallard	02/17/98 LRR 4, 03/14/98 J&JT 10, 03/15/98 BW&KM 6, 03/18/98 JI 1, 03/18/98 JI 1, 03/20/98 HH&TD 2, 03/20/98 HH&TD 4, 04/12/98 CL&SD 6, 04/19/98
	CL&HJ 7
Blue-winged Teal	03/14/98 J&JT 15, 03/20/98 HH&TD 13, 03/20/98 HH&TD 5, 03/20/98 HH&TD 25, 03/25/98 BW 50, 03/28/98 J&JT 4, 03/28/98 BSG 56, 03/28/98 BSG 6,
	03/28/98 RS 1, 04/04/98 BSG 4, 04/10/98 RS&LC 8, 04/11/98 RS 1, 04/11/98 TD 6, 04/12/98 J&TT 18, 04/12/98 CL&SD 40, 04/12/98 CL&SD 50, 04/14/98 II 11, 04/15/98 CL 11, 04/17/98 II 21, 04/17/98 TD&II 7, 04/19/98 CL&HI 6, 04/19/98 CL&HI 30, 04/23/98 II 26
Northern Shoveler	02/17/98 LRR 4, 03/14/98 LRT 3, 03/20/98 HH&TD 8, 03/20/98 HH&TD 12, 03/25/98 BW 20, 03/26/98 RS&ET 1, 03/28/98 RS 1, 03/28/98 BSG 6, 04/11/98 RS 4,
Trotalem bhoveler	04/12/98 CL&SD 1, 04/12/98 CL&SD 5, 04/19/98 CL&HJ 2
Gadwall	03/15/98 BW&KM 2, 03/20/98 HH&TD 8, 03/20/98 HH&TD 8, 03/20/98 HH&TD 10, 03/20/98 HH&TD 8, 03/21/98 RS&ET 1, 03/26/98 RS&ET 1, 03/28/98 RS
	1, 03/28/98 BSG 70, 03/28/98 J&JT 8, 03/28/98 BSG 5, 04/12/98 CL&SD 2
American Wigeon	03/20/98 HH&TD 2, 03/20/98 HH&TD 2, 03/20/98 HH&TD 1, 03/20/98 HH&TD 1, 04/12/98 CL&SD 1
Canvasback	03/22/98 BWOOD&S 2 03/28/98 J&JT 10, 03/28/98 RS 1
Ring-necked Duck Lesser Scaup	03/28/98 H&TD 6, 03/28/98 KS 1 03/20/98 H\&TD 6, 03/22/98 BWOOD&S 9, 03/25/98 H&PH 4, 03/26/98 RS&ET 1, 03/28/98 BSG 10
Bufflehead	03/15/98 BW&KM 8
Ruddy Duck	02/17/98 LRR 4, 03/15/98 BW&KM 25, 03/20/98 HH&TD 20, 03/20/98 HH&TD 10, 03/21/98 RS&ET 1, 03/26/98 RS&ET 1, 03/29/98 JI 3
Osprey	03/15/98 BW&KM 1, 03/18/98 TD 1, 03/28/98 BSG 1, 04/20/98 HH 1
Mississippi Kite	03/30/98 HH 5, 04/07/98 HH 2
Bald Eagle	03/21/98 TD 1
Northern Harrier Sharp-shinned Hawk	03/14/98 J&IT 1, 03/20/98 HH&TD 1, 03/20/98 HH&TD 1, 03/20/98 HH&TD 1, 03/25/98 H&PH 1, 03/28/98 BSG 1, 03/28/98 BSG 1, 04/12/98 CL&SD 2 03/20/98 HH&TD 1, 03/22/98 BWOOD&S 1, 03/27/98 RS 1, 03/28/98 BSG 1, 03/29/98 HH 3, 03/30/98 HH 4, 03/31/98 HH 2, 03/31/98 PLH 2, 04/06/98 HH 1,
Sharp-shiffined Flawk	04/11/98 J&JT 1, 04/16/98 HH 1
Cooper's Hawk	03/12/98 WHS 1, 03/20/98 HH&TD 1, 03/28/98 BSG 1, 03/28/98 BSG 1, 03/28/98 BSG 1, 03/29/98 HH 1, 03/31/98 HH 1, 04/04/98 BSG 1, 04/06/98 HH 2, 04/07/98 HH 2
Red-shouldered Hawk	03/12/98 TD 1, 03/14/98 J&JT 2, 03/14/98 J&JT 1, 03/15/98 BW&KM 2, 03/20/98 HH&TD 1, 03/20/98 HH&TD 1, 03/21/98 RS&ET 1, 03/21/98 RS&ET 1,
	03/28/98 BSG 2, 03/28/98 BSG 2, 03/29/98 Je&IT 1, 03/29/98 HH 2, 03/31/98 HH 3, 04/01/98 LRR 2, 04/04/98 BSG 4, 04/06/98 HH 2, 04/07/98 HH 1, 04/08/98
	HH 2, 04/10/98 [&FT 1, 04/11/98 [&FT 2, 04/11/98 RS 1, 04/15/98 H&PH 1, 04/19/98 CL&HI 1, 04/19/98 CL&HI 1, 04/21/98 PLH 1
Broad-winged Hawk Red-tailed Hawk	03/28/98 BSG 3, 03/29/98 HH 2, 03/30/98 HH 6, 03/31/98 PLH 5, 03/31/98 HH 17, 04/06/98 HH 3, 04/07/98 HH 76, 04/08/98 HH 5, 04/16/98 HH 2 03/12/98 TD 1, 03/14/98 J&JT 7, 03/14/98 J&JT 1, 03/20/98 HH&TD 6, 03/20/98 HH&TD 6, 03/25/98 H&PH 3, 03/28/98 BSG 1, 03/28/98
Ico-lance Hawk	BSG 2, 03/28/98 RS 1, 03/29/98 HH 2, 03/30/98 HH 3, 03/31/98 HH 3, 04/01/98 HH 1, 04/06/98 HH 2, 04/07/98 HH 1, 04/10/98 RS&LC 2,
	04/11/98 RS 3, 04/11/98 J&JT 1, 04/21/98 PLH I
American Kestrel	03/20/98 HH&TD 2, 03/20/98 HH&TD 1, 03/20/98 HH&TD 1, 03/22/98 BWOOD&S 1, 03/28/98 J&JT 2, 03/28/98 BSG 1, 04/07/98 HH 1, 04/08/98 HH 1, 04/19/98
	CL&HJ 1
Wild Turkey	03/23/98 ET 2, 03/28/98 BSG 1
Northern Bobwhite Virginia Rail	04/06/98 HH 5, 04/20/98 HH 1 03/20/98 HH&TD 3, 03/21/98 TD 3, 04/11/98 RS 1
Sora San	03/20/98 HH&TD 1, 03/21/98 TD 1, 04/11/98 RS 3, 04/12/98 CL&SD 6, 04/19/98 CL&HJ 11
Common Moorhen	04/12/98 CL&SD 4, 04/19/98 CL&HJ 1
American Coot	02/17/98 LRR 100, 03/12/98 TD 3, 03/14/98 J&JT 25, 03/14/98 J&JT 55, 03/15/98 BW&KM 1000, 03/18/98 JI 5, 03/18/98 JI 5, 03/20/98 HH&TD 10, 03/20/98
	HH&TD 10, 03/20/98 HH&TD 20, 03/21/98 RS&ET 1, 03/22/98 BWOOD&S 501, 03/25/98 H&PH 80, 03/25/98 BW 1, 03/26/98 RS&ET 1, 03/26/98 RS&ET 1,
	03/27/98 RS 2, 03/28/98 RS 1, 03/28/98 BSG 60, 03/28/98 J&JT 50, 03/28/98 BSG 12, 03/29/98 JI 25, 04/04/98 BSG 53, 04/10/98 J&JT 3, 04/10/98 RS&LC 1,
	04/11/98 RS 1, 04/12/98 CL&SD 75, 04/12/98 CL&SD 225, 04/12/98 J&JT 6, 04/14/98 Л 17, 04/15/98 CL 15, 04/17/98 Л 12, 04/19/98 CL&HJ 20, 04/19/98 CL&HJ 12, 04/23/98 Л 43
Sandhill Crane	CLEEH 12, 04/23/98 JL 43 03/15/98 RS 1
American Golden-Plover	03/15/98 RS&ET 160, 04/12/98 CL&SD 8, 04/15/98 CL 2
Killdeer	02/17/98 LRR 2, 03/14/98 J&JT 1, 03/15/98 BW&KM 6, 03/20/98 HH&TD 2, 03/21/98 RS&ET 1, 03/24/98 J 4, 03/26/98 RS&ET 1, 03/26/98 RS&ET 1, 03/26/98 RS&ET 1, 03/26/98 RS&ET 3, 03/28/98
	RS 1, 03/28/98 BSG 3, 03/28/98 BSG 1, 03/28/98 BSG 3, 03/28/98 BSG 3, 03/28/98 J&JT 5, 04/10/98 RS&LC 1, 04/11/98 RS 1, 04/12/98 CL&SD 6, 04/12/98 J&JT 5, 04/12/98
	CL&SD 4, 04/14/98 Л 3, 04/15/98 СL 4, 04/17/98 Л 1, 04/17/98 Л 9, 04/19/98 CL&HJ 6, 04/19/98 CL&HJ 2, 04/23/98 Л 4, 04/23/98 Л 3
Black-necked Stilt	04/11/98 RS 3, 04/12/98 CL&SD 6, 04/19/98 CL&HI 2
Greater Yellowlegs	03/28/98 RS 1, 04/10/98 RS&LC 6, 04/12/98 CL&SD 2, 04/12/98 CL&SD 31, 04/12/98 J&JT 7, 04/14/98 JI 3, 04/15/98 CL 1, 04/19/98 CL&HJ 1, 04/19/98 CL&HJ 4, 04/20/98 HH 1
Lesser Yellowlegs	9, 04/20/98 RS 1, 04/10/98 RS&LC 4, 04/11/98 TD 8, 04/12/98 J&JT 5, 04/12/98 CL&SD 5, 04/14/98 II 3, 04/15/98 CL 9, 04/17/98 TD&II 3, 04/19/98 CL&HJ 35,
Sasta Tanomaga	04/19/98 CL&HJ 4, 04/23/98 П 8
Solitary Sandpiper	03/28/98 RS 2, 04/10/98 RS&LC 3, 04/11/98 TD 9, 04/12/98 CL&SD 1, 04/12/98 J&TT 6, 04/14/98 JI 14, 04/15/98 CL 12, 04/17/98 TD&II 1, 04/17/98 J 9,
	04/17/98 Л 1, 04/19/98 CL&HJ 1, 04/19/98 CL&HJ 8, 04/23/98 Л 14
Spotted Sandpiper	03/24/98 II 2, 03/25/98 RS 1, 03/25/98 BW 1, 03/28/98 BSG 2, 04/11/98 TD 1, 04/15/98 CL 1, 04/17/98 TD&II 1, 04/17/98 II 1, 04/20/98 HH 1, 04/23/98 II 1
Upland Sandpiper Semipalmated Sandpiper	04/12/98 CL&SD 1, 04/18/98 TD 13, 04/19/98 CL&HJ 5, 04/19/98 CL&HJ 6 04/10/98 RS&LC 4
Least Sandpiper	04/10/96 K3&L2、4 04/15/96 CL 3, 04/17/98 TD&用 1, 04/17/98 月 2
Baird's Sandpiper	04/1/98 TD&R 2
Pectoral Sandpiper	04/12/98 CL&SD 14, 04/15/98 CL 9, 04/17/98 TD&Л 2, 04/17/98 Л 14, 04/19/98 CL&HJ 45, 04/19/98 CL&HJ 1, 04/23/98 Л 20
Stilt Sandpiper	04/19/98 CL&HJ 8
Long-billed Dowitcher	04/19/98 CL&HJ 11
Common Snipe	03/20/98 HH&TD 3, 03/26/98 RS&ET 3, 03/28/98 RS 1, 04/10/98 RS&LC 2, 04/11/98 RS 1, 04/12/98 J&T 15, 04/12/98 CL&SD 8, 04/14/98 JI 1, 04/17/98 TD&JI 3, 04/19/98 CL&HJ 4, 04/19/98 CL&HJ 6, 04/23/98 JI 1
Ring-billed Gull	3, U4/19/98 CLEXII 4, U4/19/98 CLEXII 0, U4/23/98 JI 1 03/14/98 JEJT I, 03/15/98 BW&KM 17, 03/14/98 JE 5, 03/18/98 JE 5, 03/28/98 HH&TD 8, 03/20/98 HH&TD 6, 03/21/98 RS&ET I, 03/22/98 BWOOD&S 12,
rang onion our	03/25/98 RS 2, 03/25/98 H&PL 2, 03/25/98 BW 1, 03/26/98 R\$&ET 1, 03/28/98 BSG 2, 03/28/98 BSG 2, 03/28/98 H&JT 5, 04/10/98 R\$&LC 4, 04/19/98 CL&HJ 1
Rock Dove	03/12/98 WHS 17, 03/15/98 BW&KM 6, 03/20/98 HH&TD 150, 03/21/98 RS&ET 1, 03/25/98 H&PH 8, 03/26/98 RS&ET 1, 03/28/98 J&JT 25, 03/28/98 BSG 100,
	03/28/98 RS 1, 04/10/98 RS&LC 1, 04/11/98 RS 1, 04/12/98 CL&SD 12, 04/12/98 CL&SD 6, 04/15/98 CL 1, 04/19/98 CL&HJ 50, 04/19/98 CL&HJ 10
Eurasian Collared-Dove	04/10/98 TD 1

	RECORDS
Common Name	Data
Mourning Dove	03/09/08 LRR I, 03/12/98 WHS 19, 03/12/98 TD 5, 03/14/98 L&T 4, 03/15/98 BW&KM 12, 03/18/08 II 3, 03/18/98 II 5, 03/18/98 II 3, 03/18/98 II 3
Inca Dove	03/22/98 Л 3, 03/27/98 Л 3, 03/28/98 Л 4, 03/29/98 Л 2, 04/01/98 Л&ML 1, 04/10/98 TD 2
Greater Roadrunner	03/14/98 J&JT 1, 03/14/98 J&JT 1
Barn Owl Eastern Screech-Owl	04/12/98 CL&SD 1 03/12/98 WHS 1, 03/12/98 TD 1, 03/26/98 RS&ET 1
Barred Owl	03/12/98 TD 1, 03/14/98 I&JT 1, 03/20/98 HH&TD 3, 03/20/98 HH&TD 2, 03/21/98 RS&ET 1, 04/10/98 J&JT 1, 04/16/98 HH 1
Common Nighthawk	04/20/98 JI I
Chimney Swift Ruby-throated Hummingbird	03/24/98 J&JT 1, 03/28/98 RS 1, 03/29/98 HH 3, 03/31/98 PLH 2, 04/10/98 J&JT 4, 04/10/98 RS&LC 1, 04/15/98 CL 1, 04/15/98 H&PH 3, 04/16/98 HH 3, 04/17/98 J 2, 04/19/98 CL&HJ 12, 04/21/98 PLH 7, 04/26/98 PLH 4, 03/25/98 PLH 1, 03/27/98 J 1, 03/28/98 J 1, 03/28/98 J 1, 03/28/98 PLH 2, 03/31/98 PLH 3, 04/01/98 HH 2, 04/01/98 PLH 2, 03/31/98 PLH 3, 04/01/98 HB 2, 04/01/98 PLH 3, 04/0
	CL&HJ 1, 04/26/98 PLH 1
Belted Kingfisher	03/12/98 TD 3, 03/14/98 J&TT 1, 03/14/98 J&TT 1, 03/20/98 HH&TD 1, 03/22/98 BWOOD&S 1, 03/24/98 RS 2, 03/25/98 H&PH 1, 03/27/98 RS 1, 03/28/98 RS 3, 03/28/98 BSG 3, 04/04/98 BSG 1, 04/10/98 RS&LC 1, 04/12/98 J&T 2, 04/15/98 CL 1, 04/17/98 J 1, 04/19/98 CL&HJ 1, 04/19/98 CL&HJ 1, 04/19/98 CL&HJ 2
Red-headed Woodpecker Red-bellied Woodpecker	03/20/98 HH&TD 2, 03/28/98 BSG 2, 03/29/98 L&FI 1, 04/16/98 HHZ 02/17/98 LRR 1, 02/26/98 LRR 1, 03/12/98 LRR 1, 03/12/98 KHR 1, 03/12/98 HB 2D 02/17/98 LRR 1, 02/26/98 LRR 1, 03/12/98 LRR 1, 03/12/98 HB 2D 03/18/98 JI 1, 03/18/98 JI 1, 03/18/98 JI 1, 03/19/98 LRR 1, 03/20/98 HH&TD 4, 03/20/98 HH&TD 2, 03/20/98 HH&TD 2, 03/20/98 HH&TD 2, 03/20/98 HB 2D 1, 03/21/98 JI,JT&GS 3, 03/22/98 JI 1, 03/22/98 BWOOD&S 2, 03/24/98 RS 3, 03/24/98 LRR 1, 03/25/98 JI 1, 03/27/98 RS 1, 03/28/98 JEJ 3, 03/28/98 RS 1, 03/28/98 JI 1, 03/28/98 BSG 2, 03/28/98 BSG 3, 03/29/98 IL 1, 03/29/98 HLT 1, 04/16/98 HLT 1, 04
Yellow-bellied Sapsucker Downy Woodpecker	03/12/98 LRR 1, 03/14/98 I&IT 2, 03/22/98 BWOOD&S 1 03/12/98 WHS 1, 03/12/98 TD 2, 03/14/98 I&IT 2, 03/15/98 BW&KM 2, 03/18/98 Л 1, 03/18/98 Л 1, 03/20/98 HH&TD 2, 03/20/98 HTD 2, 03/20/98 HT
	2, 03/20/98 HH&TD 2, 03/21/98 RS&ET 1, 03/21/98 RS&ET 1, 03/22/98 BWOOD&S 1, 03/22/98 JÏ 1, 03/24/98 LRR 1, 03/24/98 RS 1, 03/27/98 RS 2, 03/28/98 BS 2, 03/28/98 JB 1, 04/19/98 CL&HJ 1,
Hairy Woodpecker Northern Flicker	03/14/98 I&IT 1, 03/20/98 IH&RTD 1, 03/27/98 RS 1, 03/29/98 I&E/IT 1, 04/04/98 BSG 1, 04/16/98 IH 2, 04/19/98 II&TD 1 03/12/98 WHS 1, 03/12/98 TD 1, 03/14/98 I&IT 2, 03/18/98 II 1, 03/18/98 II 1, 03/18/98 IRR 1, 03/20/98 HH&RD 4, 03/20/98 HH&RD 6, 03/21/98 RS&ET 1, 03/22/98 BWOOD&S 2, 03/28/98 I&IT 1, 03/28/98 II 1, 03/28/98 BSG 3, 03/29/98 I&RT 1, 03/29/98 EWET 1, 04/19/98 CL&HI 3
Pileated Woodpecker	03/12/98 LRR I, 03/14/98 L&T I, 03/15/98 BW&KM I, 03/20/98 HH&TD I, 03/21/98 RS&EFT I, 03/25/98 RS&EFT I, 03/25/98 RS&ET I, 03/25/98 RS, 03/25/98 RS
Eastern Wood-Pewee Eastern Phoebe	04/19/98 CL&H 1, 04/20/98 HH 1 03/12/98 TD 2, 03/14/98 L&JT 4, 03/15/98 TD 2, 03/15/98 BW&KM 2, 03/20/98 HH&TD 1, 03/20/98 HH&TD 1, 03/20/98 HH&TD 1, 03/20/98 HH&TD 2, 04/03/98 TD 1, 04/10/98 L&JT 1, 04/19/98 CL&H 1
Great Crested Flycatcher Eastern Kingbird	03/27/98 П.], 04/19/98 П&TD 1, 04/19/98 CL&HJ 2 03/15/98 BW&KM 1, 04/08/98 HH 1, 04/11/98 TD 1, 04/12/98 CL&SD 3, 04/14/98 Л 1, 04/15/98 H&PH 1, 04/19/98 CL&HJ 4, 04/19/98 CL&HJ 2, 04/21/98 PLH 2 04/15/98 BPH 2
Scissor-tailed Flycatcher Loggerhead Shrike	03/28/98 I&JT 1, 03/28/98 BSG 2, 03/29/98 PLH 1, 04/06/98 HH 1, 04/08/98 HH 1, 04/10/98 RS&LC 1, 04/12/98 CLÆSD 4, 04/15/98 CL 1, 04/15/98 HÆPH 4 03/14/98 I&JT 4, 03/14/98 I&JT 1, 03/15/98 BW&KM 1, 03/20/98 HH&TD 1, 03/21/98 RS&ET 1, 03/25/98 HÆPH 4, 03/25/98 RS 1, 03/26/98 RS&ET 1, 03/26/98 RS&ET 1, 03/27/98 RS 2, 03/28/98 BSG 1, 03/28/98 I&JT 1, 03/28/98 BSG 1, 03/28/98 BSG 1, 03/28/98 I&JT 2, 04/11/98 RS
White-eyed Vireo	1, 04/12/98 CL&SD 4, 04/12/98 CL&SD 1, 04/19/98 CL&HJ 1, 04/19/98 CL&HJ 2, 04/19/98 CL&HJ 2 03/15/98 TD 1, 03/18/98 TD 4, 03/21/98 RS&ET 1, 03/26/98 RS&ET 1, 03/27/98 RS 2, 03/28/98 BSG 4, 03/28/98 BSG 4, 03/29/98 Je&JT 2, 03/30/98 TD 2, 04/01/98 LRR 3, 04/01/98 TD 18, 04/04/98 BSG 20, 04/10/98 RS&LC 1, 04/10/98 J&JT 1, 04/12/98 CL&SD 1, 04/15/98 CL 1, 04/15/98 H&PH 2, 04/17/98 JI 1, 04/19/98 JI&TD 2, 04/19/98 CL&HJ 8, 04/19/98 CL&HJ 1
Blue-headed Vireo Yellow-throated Vireo	03/21/98 RS&ET 1, 03/21/98 RS&ET 1, 04/01/98 TD 1, 04/14/98 TD 1 03/21/98 RS&ET 1, 03/26/98 RS&ET 2, 03/28/98 BSG 1, 04/01/98 TD 7, 04/01/98 LRR 1, 04/04/98 BSG 3, 04/10/98 J&IT 3, 04/11/98 J&IT 3, 04/12/98 CL&SD 1, 04/15/98 CL 1, 04/19/98 CL&H 1
Warbling Vireo	04/14/98 TD 1, 04/19/98 Л&TD 1
Philadelphia Vireo	04/23/98 JI 1
Red-eyed Vireo Blue Jay	04/16/98 HH 5, 04/19/98 CL&H 1, 04/19/98 CL&H 1 03/12/98 HH&TD 4, 03/12/98 WHS 4, 03/12/98 TD 6, 03/14/98 I&JT 1, 03/14/98 I&JT 3, 03/15/98 BW&KM 6, 03/18/98 JI 1, 03/18/98 JI 1, 03/19/98 LRR 2, 03/20/98 HH&TD 4, 03/20/98 HH&TD 4, 03/20/98 HH&TD 4, 03/20/98 HH&TD 5, 03/20/98 HH&TD 5, 03/20/98 HH&TD 4, 03/21/98 IJ, 03/21/98 RS&ET 1, 03/21/98 RS&ET 1, 03/21/98 RS&ET 1, 03/28/98 JI 1, 03/28/98 RS 1, 03/28/98 BSG ID, 03/29/98 IJ 1, 03/28/98 RS 1, 03/28/98 RS 1, 03/28/98 BSG ID, 03/28/98 IJ 1, 03/28/98 RS 1, 03/28/9
American Crow	03/1298 LRR 1, 03/1298 TD 2, 03/1498 LET 2, 03/1498 LET 3, 03/1598 BW&KM 30, 03/18/98 II, 03/18/98 II, 03/19/98 LRR 2, 03/20/98 HH&TD 4, 03/20/98 HH&TD 4, 03/20/98 HH&TD 4, 03/20/98 HW&TD 8, 03/21/98 RS&ET 1, 03/21/98 RS&ET 1, 03/22/98 BWOOD&S 2, 03/24/98 LRR 1, 03/25/98 H&PH 12, 03/26/98 RS&ET 1, 03/26/98 RS&ET 1, 03/27/98 LRD 13, 03/25/98 BSG 18, 03/28/98 BSG 3, 03/28/98 BSG 3, 03/28/98 BSG 18, 03/28/98 LBT 3, 03/28/98 L&TT 10, 03/31/98 PLH 2, 04/01/98 LRR 2, 04/01/98 HH 4, 04/04/98 BSG 4, 04/10/98 RSLC 1, 04/12/98 CL&SD 25, 04/12/98 CL&SD 25, 04/12/98 CL&SD 25, 04/12/98 CL&SD 25, 04/12/98 LBT 3, 04/12/98 PLH 5, 04/26/98 PLH 1
Fish Crow	03/14/98 I&IT 5, 03/14/98 I&IT 10, 03/15/98 BW&KM 2, 03/18/98 II 12, 03/18/98 II 12, 03/20/98 HH&TD 10, 03/20/98 HH&TD 2, 03/21/98 RS&ET 1, 03/22/98 II 3, 03/22/98 BWOOD&S 1, 03/24/98 LRX 20/26/98 RS&ET 1, 03/28/98 BSG 32, 03/26/98 RS&II 1, 03/29/98 II 1, 04/04/98 BSG 5, 04/10/98 RS&LC 1, 04/10/98 I&IT 7, 04/11/98 I&IT 15, 04/12/98 ELT 15, 04/12/98 CL&BII 2, 04/19/98 CL&BII 2, 04/13/98 II 1, 04/19/98 CL&BII 30, 04/19/98 CL&BII 2, 04/19/98 CL&BII 2, 04/19/98 CL&BII 2, 04/19/98 CL&BII 30, 04/19/98 CL&BI
Horned Lark Purple Martin	04/12/98 CL&SD 1, 04/18/98 TD 8 03/12/98 WHS 4, 03/14/98 I&IT 5, 03/15/98 BW&KM 20, 03/18/98 II 4, 03/18/98 II 4, 03/22/98 BWOOD&S 3, 03/24/98 RS 8, 03/24/98 II 15, 03/25/98 RS 17, 03/25/98 II 2, 03/25/98 II 2, 03/25/98 RS&ET 1, 03/26/98 RS&ET 1, 03/26/98 RS&ET 1, 03/27/98 RS 14, 03/27/98 II 3, 03/28/98 RS 1, 03/28/98 BSG 8, 03/28/98 II 3, 03/28/98 I&IT 1, 03/29/98 II 3, 03/31/98 PLH 1, 04/01/98 II 1, 04/01/98 II&ML 2, 04/04/98 BSG I2, 04/10/98 RS&LC 1, 04/10/98 I&IT 1, 04/11/98 RS 1, 04/12/98 CL&SD 50, 04/12/98 BJT 1, 04/12/98 CL&SD 20, 04/14/98 II 5, 04/15/98 CL 20, 04/17/98 II 8, 04/19/98 CL&HJ 30, 04/19/98 CL&HJ 25, 04/19/98 CL&HJ 20, 04/21/98 PLH 2, 04/23/98 II 1, 04/26/98 PLH 12
Tree Swallow Northern Rough-winged Swallow	04/12/98 CL&SD 20, 04/20/98 HH 4 03/20/98 HH&TD 12, 03/21/98 RS&ET 1, 03/24/98 II 2, 03/28/98 BSG 1, 03/28/98 BSG 6, 03/28/98 BSG 18, 04/12/98 CL&SD 8, 04/15/98 CL 1, 04/17/98 II 1.
Cliff Swallow	04/19/98 CL&H3, 04/26/98 PLH 2 03/20/98 HH&TD 1, 03/21/98 JT 5, 03/28/98 J&JT 15, 03/28/98 BSG 30, 04/10/98 RS&LC 3, 04/11/98 RS 1, 04/12/98 CL&SD 2, 04/19/98 CL&HJ 15, 04/19/98 CL&HJ 12
Barn Swallow	CL&HJ 12 03/14/98 J&FT 2, 03/20/98 HH&TD 2, 03/20/98 HH&TD 4, 03/20/98 HH&TD 2, 03/25/98 H&PH 1, 03/25/98 RS 8, 03/26/98 RS&ET 1, 03/27/98 RS 3, 03/28/98 BSG 2, 03/28/98 BSG 4, 03/28/98 BSG 15, 03/28/98 J&FT 1, 03/28/98 RS 1, 03/29/98 HH 1, 04/01/98 HH 2, 04/04/98 BSG 5, 04/10/98 RS&LC 1, 04/11/98 RS 1, 04/12/98 CL&SD 30, 04/12/98 CL&SD 40, 04/15/98 CL 8, 04/19/98 CL&HJ 10, 04/19/98 CL&HJ 50, 04/19/98 CL&HJ 50, 04/21/98 PLH 5, 04/23/98 JI 13,
Carolina Chickadee	04/26/98 P.H.4 03/12/98 LRR 1, 03/12/98 TD 8, 03/14/98 L&IT 6, 03/14/98 L&IT 2, 03/14/98 L&IT 4, 03/15/98 BW&KM 4, 03/18/98 II 1, 03/18/98 LRR 1, 03

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Common Name Tufted Titmouse	Data 02/26/98 LRR 1, 03/12/98 LRR 1, 03/12/98 WHS 1, 03/12/98 TD 2, 03/14/98 J&JT 8, 03/14/98 J&JT 2, 03/14/98 J&JT 8, 03/15/98 BW&KM 2, 03/18/98 LRR 1,
Tuned Tuniouse	03/2098 HH&TD 5, 03/20/98 HH&TD 4, 03/20/98 HH&TD 2, 03/21/98 RS&ET 1, 03/21/98 RJ,TR&GS 1, 03/21/98 RS&ET 1, 03/22/98 BWOOD&S 2, 03/24/98 LRR 2, 03/26/98 RS&ET 1, 03/27/98 RS 2, 03/28/98 BS 2, 03/28/98 BS 2, 03/28/98 BS 1, 03/28/98 BS 1, 03/28/98 BS 1, 03/28/98 BS 1, 03/28/98 BS 2, 03/29/98 II 1, 04/10/98 CL&R 2, 04/10/98 LB 2, 04/10
Red-breasted Nuthatch	2, 04/26/98 PLH 2 02/17/98 LRR 1, 03/09/98 LRR 1, 03/11/98 LRR 1, 03/12/98 LRR 1, 03/14/98 J&JT 1, 03/18/98 LRR 1, 03/19/98 LRR 2, 03/21/98 RS&ET 1, 03/22/98 BWOOD&S 1, 04/10/98 J&JT 1, 04/20/98 HH 1
White-breasted Nuthatch Brown-headed Nuthatch	02/17/98 LRR 1, 03/12/98 WHS 1, 03/14/98 J&IT 2, 03/21/98 RS&ET 1, 04/10/98 J&IT 1, 04/19/98 CL&HJ 1 03/21/98 RS&ET 1, 04/01/98 PLH 1, 04/07/98 HH 2, 04/11/98 J&IT 3, 04/19/98 CL&HJ 2, 04/20/98 HH 6
Brown Creeper Carolina Wren	03/15/98 BW&KM I, 03/21/98 RS&ET I 03/12/98 WH\$ I, 03/12/98 ET J 7, 03/14/98 I&JT 8, 03/14/98 I&JT 2, 03/15/98 BW&KM 4, 03/20/98 HH&TD 1, 03/20/98 HH&TD 2, 03/20/98 HH&TD 1, 03/20/98 HH&TD 2, 03/20/98 HH&TD 2, 03/22/98 BWOOD&S 6, 03/24/98 RS 3, 03/25/98 H&PH 3, 03/26/98 RS&ET 1, 03/27/98 RS 1, 03/28/98 BSG 2, 03/28/98 RS 1,
House Wren	03/28/98 J&TT 5, 04/104/98 BSG 4, 04/10/98 RS&LC 1, 04/10/98 J&TT 5, 04/11/98 J&TT 8, 04/12/98 J&TT 2, 04/12/98 CL&SD 3, 04/15/98 H&PH 2, 04/15/98 CL 2, 04/19/98 CL&HJ 1, 04/19/98 CL&HJ 2, 04/21/98 PLH 1 03/20/98 HH&TD 1, 03/20/98 HH&TD 1, 03/28/98 BSG 1
Winter Wren	03/15/98 TD 2, 03/20/98 HH&TD 1 03/21/98 RS&ET 1
Marsh Wren	03/15/98 BW&KM 1, 03/20/98 HH&TD 1, 04/10/98 J&IT 3, 04/12/98 CL&SD 1 03/14/98 J&JT 5, 03/18/98 TD 1, 03/12/98 TD 25
Golden-crowned Kinglet Ruby-crowned Kinglet	03/14/98 1241 3, 03/18/98 1D1, 03/12/98 1D2 1RR 1, 03/20/98 HH&TD 2, 03/20/98 HH&TD 2, 03/20/98 HH&TD 4, 03/21/98 RS&ET 1, 03/21/98 RS&ET 1, 03/21/98 RS&ET 1, 03/22/98 BW&KM 4, 03/19/98 LRR 1, 03/24/98 RS 2, 03/26/98 RS&ET 1, 03/22/98 BWG 2, 03/28/98 BSG 2, 03/28/98 RS 1, 04/19/98 CL&B LRR 2, 04/49/98 BSG 7, 03/19/88 RS 2, 03/28/98 RS 1, 04/19/98 LRB LR 2, 04/49/98 BSG 7, 04/19/98 LRB 1, 04/19/98 LRB 1, 04/19/98 LRB 2, 04/49/98 CL&B LRB 2, 04/49/98 CL&B 1, 04/19/98 LRB 2, 04/49/98 LRB 2, 04/49/98 CL&B 1, 04/19/98 LRB 2, 04/49/98 LRB 2, 04/49/98 RS 67, 04/19/88 LRB 2, 04/49/98 LRB 2,
Blue-gray Gnatcatcher	03/15/98 BW&KM 1, 03/20/98 HH&TD 2, 03/20/98 HH&TD 2, 03/21/98 R\$&ET 1, 03/25/98 H&PH 1, 03/26/98 R\$&ET 1, 03/27/98 R\$ 2, 03/28/98 B\$G 1, 03/28/98 B\$G 2, 03/2
Eastern Bluebird	03/14/98 J&JT 1, 03/15/98 BW&KM 9, 03/20/98 HH&TD 4, 03/20/98 HH&TD 2, 03/20/98 HH&TD 4, 03/20/98 HH&TD 2, 03/21/98 RS&ET 1, 03/21/98 RS&ET 1, 03/22/98 BWOOD&S 27, 03/22/98 H&PH 12, 03/26/98 RS&ET 1, 03/26/98 RS&ET 1, 03/27/98 RS 3, 03/28/98 J&JT 2, 03/28/98 BSG 5, 03/28/98 BSG 3, 03/28/98 J&JT 3, 03/29/98 J&JT 2, 03/28/98 BSG 5, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 BSG 5, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 BSG 3, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 BSG 3, 03/28/98 J&JT 3, 03/29/98 J&JT 2, 03/28/98 BSG 5, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 BSG 5, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 BSG 5, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 BSG 5, 03/28/98 BSG 5, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 BSG 5, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 BSG 5, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 BSG 5, 03/28/98 BSG 5, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 BSG 5, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 BSG 5, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 J&JT 2, 03/28/98 BSG 5, 03/28/98 J&JT 2, 03/28/98 J&J
Gray-cheeked Thrush Hermit Thrush	04/17/98 HH 3 03/12/98 LRR 1, 03/15/98 TD 1, 03/20/98 HH&TD 1, 03/21/98 RS&ET 1, 03/24/98 LRR 1, 04/17/98 HH 1
Wood Thrush	03/28/98 BSG 1, 04/15/98 H&PH 1, 04/17/98 HH 2,
American Robin	03/12/98 TD 2, 03/12/98 WHS 6, 03/14/98 I&IT 3, 03/15/98 BW&KM 50, 03/18/98 II 1, 03/18/98 II 1, 03/18/98 II 1, 03/18/98 II 7, 03/20/98 HAEH2 2, 03/21/98 RS&ET 1, 03/25/98 RS&ET 0, 03/25/98 RS&ET 0, 03/25/98 RS&ET 0, 03/25/98 RS&ET 1, 03/25/98 RS 4, 03/25/98 RS 1, 03/25/98
Gray Catbird	04/01/98 HH 1
Northern Mockingbird	03/1298 WHS 2, 03/12/98 TD 2, 03/14/98 I&TT 2, 03/14/98 I&TT 2, 03/15/98 BW&KM 14, 03/18/98 II, 1, 03/18/98 II, 0, 03/20/98 HH&TD 4, 03/20/98 HH&TD 4, 03/20/98 HH&TD 4, 03/20/98 HH&TD 4, 03/20/98 H&TD 4, 03/25/98 RS, 03/25/98 II, 03/25/98
Brown Thrasher	03/1298 TD 2, 03/14/98 J&T 2, 03/15/98 BW&KM 1, 03/26/98 HH&TD 1, 03/21/98 R&ET 1, 03/22/98 BWOOD&S 1, 03/24/98 RS 1, 03/25/98 BW 1, 03/28/98 BSG 1, 03/28/98 J&T 1, 03/18/98 J&T 1, 04/17/98 HH 1, 04/19/98 CL&H 11, 04/19/98 J&T 1, 03/28/98 HW&TD 4, 03/21/98 R&ET 1, 03/22/98 BWOOD&S 3, 03/22/98 J 3, 03/28/98 J 3, 0
European Starling	03/15/98 BW&E.M. 20, 03/18/99 BX 60, 03/25/98 BX 61, 3, 03/18/98 BX HEPT 1, 03/26/98 RS&ET 1, 03/26/98 RS&ET 1, 03/27/98 BX 52, 03/28/98 BX 62, 03/28/98 BX 62, 03/28/98 BX 63, 03/28/98 BX 63, 03/28/98 BX 64, 03/28/98 BX 64, 03/28/98 BX 64, 03/28/98 BX 67, 03/28/98 BX 64, 03/28/98 BX 64, 03/28/98 BX 64, 03/28/98 BX 67, 03/28/98 BX 64, 03/28/98 BX 64, 03/28/98 BX 64, 03/28/98 BX 65, 03/28/98 BX 64, 03/28/98 BX 64, 03/28/98 BX 64, 03/28/98 BX 65, 03/28/98 BX 64, 03/28/98 BX 64
American Pipit Cedar Waxwing	03/20/98 HH&TD 5, 03/26/98 RS&ET 1, 03/28/98 J&JT 6, 03/28/98 BSG 2, 04/10/98 RS&LC 6, 04/11/98 TD 1, 04/14/98 JI 2, 04/18/98 TD 150, 04/19/98 CL&HJ 1 03/12/98 JT 2, 03/18/98 JI 1, 03/18
Blue-winged Warbler	04/14/98 TD 1, 04/19/98 J&TD 2
Tennessee Warbler Orange-crowned Warbler	04/17/98 II.2, 04/19/98 II&TD 2, 04/23/98 II 2 03/15/98 BW&KM 2, 03/18/98 II 1, 03/18/98 II 1, 03/20/98 HH&TD 3, 03/20/98 HH&TD 1, 03/20/98 HH&TD 1, 03/20/98 HH&TD 1, 03/20/98 HH&TD 1, 03/28/98 BSG 1, 04/01/98 HH 1, 04/04/98 BSG 1, 04/10/98 I&TT 1, 04/15/98 CL 1, 04/16/98 HH 1
Nashville Warbler Northern Parula	04/14/98 TD 1, 04/19/98 J&TD 5 03/14/98 J&TT 3, 03/15/98 BW&KM 1, 03/17/98 TD 1, 03/17/98 J&JT 1, 03/18/98 J&T 1, 03/18/98 TD 7, 03/18/98 LRR 1, 03/24/98 LRR 2, 04/01/98 LRR 1, 03/24/98 LRR 1, 03/24/98 LRR 1, 03/24/98 LRR 2, 04/01/98 LRR
Cape May Warbler Yellow-rumped Warbler	03/14/98 L&JT 1, 03/18/98 TD 1, 03/19/98 MW, VC, JC, &VN 1 03/12/98 WHS 2, 03/12/98 TD 3, 03/14/98 L&RT 25, 03/14/98 L&JT 1, 03/15/98 BW&KM 15, 03/18/98 JI 25, 03/18/98 JI 25, 03/19/98 LRR 1, 03/20/98 HH&TD 50,
	03/20/98 HH&TD 8, 03/20/98 HH&TD 12, 03/20/98 HH&TD 10, 03/20/98 HHZTD 15, 03/21/98 IJ,T&GSs 5, 03/21/98 RS&ET 1, 03/26/98 RSET 1, 03/26/98 R
Black-throated Green Warbler Yellow-throated Warbler	04/04/98 BSG 1, 04/10/98 I&FT 1, 04/14/98 TD 2 03/14/98 I&FT 2, 03/15/98 BW&KM 1, 03/23/98 TD 1, 03/26/98 RS&ET 1, 03/28/98 BSG 2, 03/28/98 I&FT 1, 03/29/98 Je&FT 3, 04/01/98 TD 10, 04/10/98 I&FT 4, 04/11/98 I&FT 30, 04/19/98 CL&HJ 1
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Common Name	Data
Savannah Sparrow	03/14/98 J&IT 2, 03/20/98 HH&TD 8, 03/20/98 HH&TD 10, 03/25/98 H&PH 1, 03/28/98 BSG 2, 03/28/98 BSG 3, 03/28/98 BSG 15, 03/28/98 J&IT 5, 03/29/98 J&IT 5, 03/29/98 J&IT 1, 04/10/98 RS&LC 16, 04/12/98 CL&SD 10, 04/12/98 CL&SD 100, 04/19/98 CL&HJ 10, 04/21/98 PLH 1
Grasshopper Sparrow	04/18/98 TD 1
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	CL&SD 4, 04/12/98 CL&SD 2, 04/19/98 CL&HJ 2
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Yellow-headed Blackbird	04/19/98 CL&HJ 20
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Baltimore Oriole	04/17/98 Л 2, 04/19/98 CL&HJ 2, 04/23/98 Л 1
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Pine Siskin	02/17/98 LRR 2, 02/26/98 LRR 5, 03/09/98 LRR 11, 03/11/98 LRR 13, 03/12/98 LRR 4, 03/18/98 LRR 9, 03/19/98 LRR 5, 03/21/98 RS&ET 1, 03/24/98 LRR 5, 03/31/98 PLH 2, 04/01/98 LRR 13, 04/21/98 PLH 3
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Printed 2,142 records of 183 species.



BIRD STUDY GROUP NEWSLETTER

Volume 12, Number 10 May 24, 1998

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

NEXT MEETING

June 9, 1998

6:30 p.m.

LSUS Museum of Life Sciences

FALCONRY

JAMES BRAGG

KEITHVILLE, LA

Refreshments will be available at 6:30 p.m. Come early to visit, relax and enjoy fellowship.

FIELD TRIPS

JUN 20 - BAFB ROOKERY

JUN 13 - DOVE DAY

JUL 18 - CLARK'S ISLAND on the RED RIVER

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Open Seat (1)

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BIRD REPORT	Donna Burney	742-6829 H
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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

JUN 20 - BAFB ROOKERY - Leader: Jim Ingold

JUN 13 - Dove Day

JUL 18 - CLARK'S ISLAND on the RED RIVER - Leader: Paul Dickson

Editors note: For details on these trips, see Field Trips Update on Page 6.

Paul Dickson: 798-1000 Jim Ingold: 797-5236

ABOUT THE PROGRAM

Our speaker for the June program will be James Bragg of Keithville, LA. Mr. Bragg has been a general falconer for the past 8 years. He will talk to us about the basics of falconry, traps used to obtain hawks, and falconry vs. game hawking. He hopes to be able to bring a hawk with him to show the group. Mr. Bragg is in the process of applying for a permit to rehabilitate birds, and he hopes to work in this area in the near future.

THANKS!

As the editor of the newsletter, I would like to thank the members of the newsletter committee for all of their hard work in proof reading and editing. Members of the committee are: Pat and Hubert Hervey, Jeff Trahan, Dick

Rolandt, Mac Hardy, and Will Smolenski. I would like to offer special thanks to Dick Rolandt for folding the newsletter, and to Will Smolenski and Pat Lonnecker for handling the mailing of the newsletter. Paul Dickson reviews the bird report each month and I would like to thank him as well.

Shirley Huss and Pat Hervey had the thankless task of entering bird reports into the database. Without their work, the newsletter would be only half as good as it is. They get a big thanks and a hug from me.

I would like to offer a big thanks to Mac as well for preparing the bird records for each newsletter.

Jim Ingold, Editor

NORTHWEST LOUISIANA BREEDING WARBLER SURVEY

BY TERRY DAVIS

Well I thought that 6:00 a.m. might come a bit early for many, but the early birders truly did get the birds (Mac Hardy, Jim Ingold, Larry Raymond, and Louis Soule). In short, there was low attendance for birders, yet it turned out to be a great day for watching warblers. Our first stop was Brewster's Landing, where we called in a beautiful male **Prothonotary Warbler**, a little goldenyellow ball of sunshine to start everyone's day. Not much else was stirring, however, except for a couple of Yellow billed-Cuckoos, chickadees, and other DYBs'.

We proceeded from there to the end of West Lakeshore Drive where we observed a male Northern Parula. Hey, wait a minute! That's a DYB also, but it is a warbler, and that's why we were there! The parula showed only a slight interest in the playback of its song, flying back and forth singing, but never descending very low. I believe that everyone got a good look at the bird, except possibly Mac, who was busy chasing a bobcat at the edge of the lake. Everyone joined in, presumably to catch it, but it was a little too fast. What we were going to do with it if we caught it? I don't know. Ask Mac or Jim!

Leaving that area, we drove back several hundred yards to an area that Larry suggested. On the lakeside of the road we had 2 Yellow-throated Warblers singing close by, but neither would respond to the tape and come in for a closer look. Pine Warblers were also close by and very active. We walked back to the road and went to the other side to an area that turned out be a warbler hot spot. The area was predominately pine with a scattered lush, head high or higher deciduous understory. The song of a Kentucky

Warbler almost immediately greeted us. Within a minute or so Black-and-white and Hooded Warblers were singing also. Between the tape playback of the Kentucky Warbler song and Larry's famous squeak for the Blackand-white Warbler, we had them very close and visible in short order. The Hooded Warbler came in close as well but stayed hidden in the thick undergrowth, singing, and at times not more than just a few feet away. A bonus warbler here was a singing Canada Warbler in the undergrowth close to the road. This bird is easy to recognize by song because it is so lacking of any "smooth" pattern. When I first started listening to the songs of eastern wood warblers on tape and heard the song of the Canada, I thought to myself, "This bird sounds like a discombobulated hodgepodge. How could I ever recognize or separate it from something else in the field?" But it hit me that this sharp-noted cacophony of notes is what makes the song recognizable to me. Peterson quotes the song as being "chip chupety swee ditchity." To my ear it sounds the same but with an added "whew" on the end.

We left this warbler hot spot and headed to a "GAR-UN-TEED" Louisiana Waterthrush hole, none other than Walter B. Jacob's Nature Park. We exited our cars on the west end of the park and almost immediately heard a singing Common Yellowthroat chanting in the grassy roadside. I'm sorry but I still can't get "witchity" out of "wittiwheechu" or "rittereechu". After listening to the yellowthroat for a moment, we headed into the park and walked into the woods towards Shettleworth Creek. Stopping at intervals along the creek's edge we played a tape of the Louisiana Waterthrush's song. After getting no response, we stopped the tape for a while and tried to listen for the song or calls of the bird as we walked along the bank. As we rounded a bend in the creek, there was the familiar, slightly metallic chip. Standing quietly, we peered in the direction from whence the chip came and then it sang. The bird was still a good distance away; he sang again, but didn't seem to be coming in our direction, so we played the tape. The bird made a beeline in our direction and then landed on a branch near us and sang. He was making a square from tree to tree around us, chipping and singing as he went.

Then it was on to look for Swainson's Warbler. We arrived at an apartment complex just off LA 1, north of Shreveport, when I heard another Canada Warbler singing in the dense undergrowth by the road. After much searching I was able to see the bird. In the distance, a Hooded Warbler greeted us as we filed into a thicket at the edge of the woods, tape in hand, ready for a good bird or a bad absentee. I had my fingers crossed saying to myself, "Little brown back, don't make a fool of me today!" With everyone quiet, I played the tape, and waited, and played the tape, and waited, etc. We had been there a while and I started to get a sinking feeling in my stomach. I was about ready to call it quits when the Hooded Warbler came a little closer. I decided to play the Swainson's song one more time, thinking maybe we could

get a good look at the **Hooded Warbler** since we didn't get a good look at it earlier. All of a sudden there was a slurred chip. I said, "Yes! He's here!" At first the bird would fly closely by us only to land a good distance on the other side. "Typical of **Swainson's Warbler**," I thought. Eventually the bird started to land closer, but was noticeably agitated and didn't stay put for long. Everyone got a good look at "Mr. Stiletto Bill" himself. His chip sounds sweet yet slurred and his song sounds like "Teer Teer Teetripeer" or Teo Teo Teo Teetreypeo". We also pulled the Hooded in for everyone to see close-up. What a beautiful bird!

We next headed the caravan due north up LA 1 to the KSLA Tower Rd. Here we saw and heard a Prairie Warbler and Yellow-breasted Chat. The chat was observed engaging in its flight song. Floating slowly over a thicket with erratic wing beats and legs dangling, and song bursting forth the whole way. Other notable birds here were Red-tailed Hawk and Eastern Phoebe.

Leaving that spot we headed 100 yards. north. On the east side of the highway we saw a Hooded Warbler which was singing a less commonly heard song that sounded like "Tur Turee Tureesee Reesee" rather than the usual "Turee (or Tawee) Turee Tuiee Teecho". A Kentucky rapidly responded to the tape also. The best bird in this area was a Yellow-bellied Flycatcher. We also had a good look at an Acadian Flycatcher and Eastern Wood-Pewee.

By this time it was a little after 11:00 a.m. and there were four of us left. We tried another Swainson's location but to no avail. I had previously mentioned to everyone that we would be in for a long drive if they wanted to see the Worm-eating Warbler and that I couldn't guarantee the bird. Larry had left a little earlier and Jim and Mac had other things to do, so Louis "Diehard" Soule and I headed for Plain Dealing and our search for the Worm-eating Warbler. On the way, we stopped and looked for migrants north of Gilliam in an area of willows, along side various bayous running through agricultural fields. It was too windy though and everything seemed quite unalive.

We left Gilliam and crossed the Red River into Bossier Parish and went looking around the Wardview area for Grasshopper Sparrow, although we couldn't find one, we did see 3 Lark Sparrows, a Painted Bunting, and a flock of 19 White Ibis that flew over. It was now early afternoon and I thought to myself, "Surely I have a foolproof area for locating Worm-eating Warbler." With this in mind we decided to putz around Miller's Bluff Rd. for awhile looking for other possible Worm-eating Warbler localities. Boy that area looked really destroyed by clear-cut logging operations.

We arrived at the **Worm-eating Warbler** location on Watson Road around 3:00 p.m. We must have walked up and over every hill within a quarter of a mile playing the

tape and listening. Nothing! I was truly disgusted. This little stripe headed burn had gotten the better of me.

Louis said he hadn't gotten very good looks at either the **Prairie Warbler** or the chat and he needed them for his life list, so I decided to get him better looks at both. I knew of an area nearby where that could be accomplished. After we arrived, I immediately coaxed a **Prairie Warbler** within five feet of Louis. A chat was also close by sitting on top of a bush and singing. We were both tired and enjoyed just sitting in the truck and watching these two breeding warblers going about their daily business.

With both of us refreshed, I asked Louis if he was ready to leave or to pursue the "have to get Worm-eating Warbler" a little more. He immediately said, "I want the bird." I thought to myself, "That's the spirit!" Little did he know that by this time of the day he had more confidence that we would find one than I. We drove up and over a hill, past the young pines and the Prairie Warblers. As we dropped down the hill I noticed that the successional growth was a little taller and really thick at the edge of the road. I stopped and played the tape. Nothing! We decided to try one last time and we stopped and played the tape again. I could see into the thick undergrowth at this location and could tell there was a sharp drop at the edge of the road. I decided to wait and play the tape several times before we left. Suddenly, something chipped and then I saw a movement. The bird faced me with its head slightly upturned and then it In that fleeting glimpse I thought disappeared. Swainson's Warbler. The way the bird was holding his head back slightly I could barely see anything above the eye. The light wasn't great either. Then we both heard it, the dry trill. Whew, what a load off of my mind. We both got out of the truck and peered through the thick vegetation into the ravine. By this time, the bird was singing every 10-15 sec and chipping as well. We slowly inched our way down between the saplings to the bottom of the ravine and watched. Another Worm-eating Warbler, presumably the female, approached and was presented a fat green caterpillar by the male. She was as sleek and smooth looking as the male. She then flew back into the thicket. In the meantime, the male had caught a large moth and flitted to-and-fro from sapling to sapling, but did not eat the moth. The female appeared again. The pair stayed close together. I believe that we were just a few feet if not inches from a new generation of Wormeating Warblers, or at least from the cradle that would hold them.

I want to thank everyone involved for this successful breeding warbler survey. I hope it will become a yearly field trip. By the way, we saw all warblers that regularly breed in northwest Louisiana.

*DYB - Door Yard Birds

THE EXPLOSIVE ACADIAN FLYCATCHER

By Hubert Hervey

Dateline: Barksdale Air Force Base 15 May 98

While netting and banding birds here this summer, I've had occasion to gain a new respect for the Acadian Flycatcher. I noticed the return of the males in the hardwood forest as they announced their return from South America, with an explosive spit-chee! You might hear their song as peet-sa, wee-see, ka-reep or even pete seeit. All of these are given by the seven bird guides I checked. None agreed. The books can't even agree on whether the first or second syllable is emphasized. Most field guides say the second. National Geographic and Jon Dunn say the first. I'm always glad when I can agree with Jon Dunn. I hear the emphasis on the first syllable, spit-chee.

While checking for nests during an excruciatingly slow netting and banding day, I heard the whistled short peet of the female Acadian Flycatcher. Soon, she went to the nest she was building. She couldn't have been working on it long, because it was only a mesh outline of a nest yet to be. She snuggled into the suspended cup, checking for a perfect fit and then flew off for more nesting material.

Now I am not wasting time as I observe these things. Someone is paying me good money to know that she is nesting ten meters from BC3 Grid in a dogwood tree, with the nest just five meters from the ground over a dry ditch in Area R1. Area R1 is right next to the Explosive Disposal Range, where bombs, like those that terrorized the Iraqi army are tested on rare occasions.

I had walked miles, checking all 12 nets without catching a single bird. So I was glad to find the Acadian Flycatcher's nest. The flycatcher harassed a passing Blue Jay with a ti-ti-ti-ti alarm call as she bombarded it until it left. Then it was time for me to start rolling up the nets.

I always got excited when I neared Net #2, which is the only net placed in a thicket. Of the 17 birds I have banded this week, 14 of them were in Net #2. Yesterday, a family of 3 Carolina Chickadees were in the net. Daddy bird was a recapture from last year. Momma bird still had a brood patch, and fuzzy Junior still had yellow in the corners of his gape. Today, I was saved from being skunked by Net #2. There was a second Acadian Flycatcher in the net. She clacked her bill together in what I suppose is a frightening noise to smaller creatures. I soon freed her short feet from the net. Acadian Flycatchers and Eastern Wood-Pewees only get one band per leg instead of the two that we put on all the other species because their legs are so short.

Finishing with her, I turned her loose, remarking to myself on the fact that I had found my first Acadian Flycatcher nest and banded my first Acadian Flycatcher within the last hour or so. I still had nets to take down. Several minutes later, an explosion occurred in the Explosive Disposal Range. An ear-shattering, startling, KABOOM reverberated through the woods. The Air Force had added its own version of KABOOM to the explosive SPIT-CHEE of the Acadian Flycatcher, and just to show off, they did it three more times! But do you know the birds resumed singing within a few seconds after each explosion?

Dove Day - Saturday, June 13.

We have been getting reports of Inca Doves in the area for several years and within the last few years they seem to be increasing in abundance and distribution. In addition, we now have reports of Eurasian Collared-Doves and maybe even Ringed Turtle-Doves in the area. Confirmation of the last two is still lacking and we have no direct evidence of breeding of the Inca Dove.

We should make efforts to improve the information concerning six species of doves (Band-tailed Pigeon, Eurasian Collared-Dove, Ringed Turtle-Dove, White-winged Dove, Inca Dove, Common Ground-Dove) that are thought to be in our area. We can do a snapshot of occurrence by concentrating our efforts during a single day. Consequently we need to have a Dove Day!

Saturday, 13 June 1998, will be Dove Day. This will be a field trip attractive to everyone. We will enjoy no leader, no early morning start, no deadline, and only a few rules. On that day everyone should record the localities and times of all doves sighted except **Mourning Doves** and **Rock Doves**. If you want to make a day of it or go on your normal 19-hour birding day, do so. If you are inclined to sleep late and then go to the nearest shopping center to pick up a purple back scratcher, do so — but record all of the target doves you see on your outing. Whatever you do and wherever you go on that day, record the locations and times of the target doves. Let's answer some of these questions before the situation changes any more. A handy collector's edition, refrigerator-door reminder/data sheet will be available at the next meeting.

Report your results as soon as possible after June 13. You can send your results to the Museum of Life Sciences by phone (797-5338), FAX (same number), e-mail (Isusmus@prysm.net), hand-carry, U.S. mail, or by carrier pigeon! The results will be put on the Museum of Life Sciences answering machine (hot line) for immediate access during the summer. An article containing the results of Dove Day will be in the first newsletter in the fall. Have fun and find those doves!

FIELD TRIPS UPDATE

By Hubert Hervey

JUN 6 - CANCELLED - Kisatchie - No leader is available and without a leader you might become lost. With one, you probably would get lost too. If I were the leader you would surely get lost.

JUN 20 - BAFB ROOKERY - Well meet at Shreve City near Jumbo Sports at 7:30 a.m. Anyone driving into the base will need proof of insurance and their driver's license. Bring insect repellent, sunscreen, and water to drink. Leader: Jim Ingold

JUL 18 – CLARK'S ISLAND on the RED RIVER – Paul Dickson has agreed to take all bird watchers out in his boat. He needs to know by Wednesday, July 15th how many are going so he will know which boat to bring. So, you will have to call Paul if you plan to go. Some early shorebird migrants are likely to be around. We will not get out and walk on the island if the Interior Least Terns are nesting there, as they are endangered. This is our first ever July outing, and future mid-summer outings will depend on your response.

More information can be obtained from the trip leaders at these numbers:

Paul Dickson: 798-1000 Jim Ingold: 797-5236

JUNE BOARD MEETING

The next meeting of the Board of Directors of the Bird Study Group will be held on Tuesday 2 June 1998, 7 p.m. at the Museum of Life Sciences. This is an important meeting and all board members, including newly elected members, should attend.

WANTED: OIL PLATFORM BIRDERS

(Editors Note: The following was posted to LABIRD-L.)

Wanted: Skilled observers for monitoring use of oil platforms in Louisiana's Gulf of Mexico by migrating birds

WHEN: for at least 5 weeks, and up to 8 weeks/season, from 15 August to 1 November 1998.

SALARY: \$700/week offshore. (All expenses paid while offshore. Travel to and from heliports at Morgan City or

many are going so he will know which boat to bring. So, you will have to call Paul if you plan to go. Some early shorebird migrants are likely to be around. We will not get out and walk on the island if the Interior Least Terns nested there, as they are endangered. This is our first ever July outing, and future mid-summer outings will depend on your response.

More information can be obtained from the trip leaders at these numbers:

Terry Davis: 741-1115 Paul Dickson: 798-1000 Roy Henderson: 861-7449 Hubert Hervey: 925-9249 Jim Ingold: 797-5236 Larry Raymond: 929-2806

AN INCREDIBLE SIGHT

By Hubert Hervey

ateline Barksdale Air Force Base: 16 April 98. The Data of insects (probably southern pine beetles), leaving the huge, dead pine tree was just beginning, when I discovered it about 12:00 noon. Actually, a pair of Summer Tanagers discovered the insects, and I discovered the bright red male tanager. He was feeding on the bugs as they emerged from old woodpecker holes in the tree. Thousands of the white-winged insects were drifting up, up and away on the gentle breeze. Soon, I observed other birds flitting about or gleaning insects from nearby trees. Yellow-rumped Warblers were content to fly out a few feet and catch all they could eat. Blue-gray Gnatcatchers were doing the same, but staying a little farther from the source of the bounty. Pine Warblers and one Orange-crowned Warbler were kept busy because the lunch counter was open for business.

Partaking from the smorgasbord that had settled on nearby living trees were some unlikely diners. Blue Jays and Northern Cardinals joined with the Red-eyed Vireos and Tufted Titmice, creeping from limb to limb and leaf to leaf, eating with gusto.

About 12:45 p.m., at the height of the swarm, the slick surface of the tree was covered with emerging beetles, waiting their chance to join the throng in the sky. The sky was filled with gossamer-winged insects, drifting with the vagaries of the wind. I will use a number like, a million, because there were surely more insects than that on their way to find other pine trees to feast upon. So we see, that a dead tree offers more than just a cavity for nesting birds. It is a source of nourishing food for almost every bird fortunate enough to get to the diner during lunch hour. Both residents and migrant birds made real pigs of

themselves. The insect flight was completely over by 1:00 p.m. and the diner closed its doors.

MINUTES OF MEETINGS

MINUTES OF THE APRIL MEETING April 14, 1998, 7:00 p.m. Museum of Life Sciences at

PROGRAM: The group watched the video "Watching Warblers."

ANNOUNCEMENTS

Betty Speairs announced the joint meeting of the Arkansas and Oklahoma Ornithological Societies in Mena, Arkansas.

Jim Ingold announced "Teaming With Wildlife." This Federal Aid in Wildlife and Sport Fish Restoration is a funding proposal through special taxes that will benefit bird conservation with increased money for such things as habitat management, education, research, wildlife facilities and programs to promote bird observation and appreciation.

Mac Hardy reminded everyone the LOS will meet in Cameron on April 24, and 25. He said that the club will be able to use the Rockefeller facilities for \$10 per night per person.

COMMITTEE REPORTS

Nominating Committee: The Nominating Committee needs volunteers.

Field Trips: Hubert Hervey said that the Atchafalaya canoe trip is the weekend of April 17 and 18. About 25 people will attend. The North American Migration Count (NAMC) is May 9. Call Hubert Hervey if you would like to participate and have not been a regular participant. The Clark's island field trip will be July 18. Paul Dickson will lead. He will meet participants at Clark's Landing, but members must call him one week ahead of time so that he can make plans. Hubert announced that the Barksdale canoe trail field trip on May 2, needs a leader. Roy Henderson volunteered to lead the trip. Roy Henderson will lead Bayou Dorcheat canoe trip on May 16. Terry Davis will lead the May 23 survey of North Louisiana breeding warblers. The June 6 trip to Kisatchie needs a leader. The field trip to the Barksdale rookery needs a leader on June 20. Hubert will lead this if necessary.

MINUTES OF THE BOARD MEETING April 7, 1998 Museum of Life Sciences at LSUS

Board Members Present: Mac Hardy, Hubert Hervey, Shirley Huss, Larry Raymond, Jeff Trahan, Jean Trahan, Will Smolenski.

time she reports income of \$615.00 and expenses of \$749.28 yielding a balance of \$469.49 at this time.

Nominating Committee: Hubert Hervey reported four nominees for the board. They are Rosemary Seidler, Larry Raymond, Jim Ingold and Roy Bott. Roy Henderson moved that the nominees be elected by acclamation. The motion was seconded and passed.

Field Trips: Hubert Hervey commented on the following field trips:

May 16-Bayou Dorcheat. Roy Henderson will lead.

May 23-Survey of North Louisiana breeding warblers. Terry Davis will lead.

June 6-Canceled.

June 20-Barksdale Rookery. Needs a leader.

July 18-Clark's Island on the Red River. Paul Dickson will lead.

Roy Henderson passed out a sign-up sheet for the Bayou Dorcheat field trip. Hubert reported that the North American Migration Count May 9 yielded 169 species. He says that this is a record that will be difficult to beat.

ANNOUNCEMENTS

Rebecca Cross of the U. S. Forest Service asked for volunteers to do a Point Count Project near Homer on forest service land. She asked that members talk to her at the end of the meeting.

Jean Trahan reported that the Bird Study Group would host the Louisiana Ornithological Society winter meeting in 1999. The dates will be January 29 through 31.

Use your Kroger Card It helps the BSG

BIRD NOTES – MAY

Compiled May 25, 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	Athie Bell	04/15/98 Shreveport, 709 Hyde Park Place
BSG	Bird Study Group	05/23/98 LA 1, near KSLA tower, 05/23/98 North 40 Apartments on LA 1, 05/23/98 Plain
		Dealing: Wallace Rd., 2 mi NW Lake Rd. (Dogwood Trail), 05/23/98 Shreveport: Brewster's
		pocket on Cross Lake, 05/23/98 Shreveport: West Lake Shore Drive on Cross Lake, 05/23/98
		Walter B. Jacobs Memorial Nature Park, west side, 05/23/98 Wardview.
CL	Charles Lyon	05/10/98 Red River: Clark's Landing to Lock and Dam No. 5.
CL&HJ	Charles Lyon and Horace Jeter	05/04/98 Loggy Bayou and Lock and Dam No. 5.
CL&LR	Charles Lyon and Larry Raymond	05/09/98 Book's Fish Hatchery on West Lakeshore Drive, 05/09/98 Cross Lake at Squirrel
		Point, 05/09/98 Mallard Bay and Brewster's Pocket/Cross Lake, 05/09/98 North end of Cross
		Lake, 05/09/98 North Lakeshore Drive and roadsides around Blanchard area, 05/09/98 West
		Lakeshore Drive and Richard Fleming Park
CL&RS	Charles Lyon and Rosemary Seidler	04/29/98 Shreveport: C. Bickham Dickson Park, 05/01/98 Shreveport: C. Bickham Dickson
		Park & Stoner Boat Launch woods
CL,BW&SD	C. Lyon, Bill Woods, & Susan D.	05/03/98 Shreveport: C. Bickham Dickson Park & Stoner Boat Launch woods.
CL,J&JT	C. Lyon, J. & J. Trahan	05/02/98 C. Bickham Dickson Park & Stoner Boat Launch woods.(see notes)
	(Kathryn part day)	05/06/00 P 1 P 1 P 1 CW 1 C 1 N CC 1 1 N C 1
CL,PD&HJ	C. Lyon, Paul Dickson, and	05/06/98 Red River: 1 mi. SW to 6 mi. N of Clark's Marina.
	Horace Jeter	05/01/00 P. 11 05/00/00 P. 11 P. 1 P. 1
E&SH	Ed & Shirley Huss	05/01/98 Residence, 05/02/98 Bickham-Dickson Park
FE	Frances Elliot	04/29/98 Shreveport: 2922 Grassmere St.
H&PH	Hubert and Pat Hervey	05/04/98 Barksdale Air Force Base, 05/10/98 Stonewall, Hervey Dairy Farm
H&PH&RB	Hubert & Pat Hervey and Roy Bott	05/09/98 Southwest, Keithville, etc, 05/09/98 Stonewall, Hervey Dairy Farm, Stonewall-Kingston Rd.
J&JT	Jeff and Jean Trahan	05/01/98 Shreveport: C. Bickham-Dickson Park, 05/03/98 Shreveport: Stoner Boat Launch
J&J 1	Jen and Jean Tranan	woods, 05/10/98 Noah Tyson Park.
J,J&KT	Jeff, Jean, and Kathryn Trahan	05/03/98 Shreveport: C. Bickham-Dickson Park, 05/09/98 vicinity of Vivian and Rodessa,
3,300101	Jon, Joun, and Rudnyn Transar	05/10/98 Huckaby Rd.
JH&SH	June Haynie & Shirley Huss	03/27/98 Old River Lake, W. of Taylortown, 05/02/98 Old River Lake
JI	Jim Ingold	04/21/98 Residence, Bossier City, 05/16/98 Preston St., Champion Lake
JI&TD	Jim Ingold and Terry Davis	04/19/98 Dixie Garden area, 05/16/98 Dixie Garden oxbow, 05/16/98 Marie Hamel & Jimmie
	Ş ,	Davis Bridge, 05/16/98 Stoner Woods
JLI	James L. Ingold	04/29/98 Mile marker 165 on I-49, 05/06/98 Huckaby Rd., 05/08/98 Bossier City:
D: 1 06/	00/00 A 1 D1 05/00/00 D-1-L Cit.	limits 05/00/09 Balabar Pivar Boad 05/00/09 Caddo Lake Dam & Surrounding greas 05/00/09

JLI James L. Ingold 04/29/98 Mile marker 165 on I-49, 05/06/98 Huckaby Rd., 05/08/98 Bossier City:
Residence, 05/09/98 Adger Road, 05/09/98 Belcher City limits, 05/09/98 Belcher River Road, 05/09/98 Caddo Lake Dam & Surrounding areas, 05/09/98
Cedar Bluff Road, 05/09/98 Douglas Road, 05/09/98 Gilliam Levee Road, 05/09/98 Gilliam-Scott Slough Road, 05/09/98 Gilliam,

OBSERVERS

Abbreviation	Name	Date and Place
Abbieviation	Name	05/09/98 Huckaby Road, 05/09/98 LA 1 from KSLA Rd. to Oil City, 05/09/98 LA 169 from 12 mi. Bayou to Moorningsport, 05/09/98 LA 169 from US 71 to 12 Mile Bayou, 05/09/98 LA 2
		from Jct. LA 1 to TX State Line, 05/09/98 LA 3049 from Giliam to Belcher, 05/09/98 LA 3049 S of Belcher to LA 169, 05/09/98 LA 530 from Jct. LA 538 to Black Bayou, 05/09/98 LA 730 FROM Black Bayou to US 71, 05/09/98 Oil City, 05/09/98 Sentell Rd (LA 169 from US 71 to River, 05/09/98 U.S. 71 from jct. LA 169 N to St. John's Church Road, 05/09/98 Williamson
		Park, 05/10/98 Bossier City: Residence
L&AR LMH	Larry and Anne Raymond L. M. Hardy	05/04/98 Stoner Avenue woods at boat launch 05/20/98 Bossier City: 905 McDade St., 05/23/98 Shreveport: 1823 S. Brookwood Dr., 05/24/98 Shreveport: 1823 S. Brookwood Dr.
LR	Larry Raymond	04/06/98 Walter B. Jacobs Memorial Nature Park, 04/07/98 Walter B. Jacobs Memorial Nature Park, 04/13/98 Earl G. Williamson Park, 04/16/98 Walter B. Jacobs Memorial Nature Park, 04/23/98 Blanchard, 6675 North Park Circle, 04/25/98 Blanchard, 6675 North Park Circle, 04/25/98 Walter B. Jacobs Memorial Nature Park, 04/29/98 Walter B. Jacobs Memorial Nature Park, 04/30/98 Walter B. Jacobs Memorial Nature Park, 05/09/98 Soda Lake WMA and Refuge
LRR	Larry R. Raymond	05/09/98 6675 North Park Circle and North Park Estates, 05/09/98 Walter B. Jacobs Memorial Nature Park
MH&TD	Mac Hardy and Terry Davis.	05/09/98 2 mi. E Hosston (T22N, R14W, s19) [site 2], 05/09/98 2 mi. E Ida, on LA 168 (T23N, R14W,s12 [site 20], 05/09/98 2 mi. S Hosston (T21N, R15W, s35) [site 1], 05/09/98 2.5 mi. E Hosston (T22N, R14W, s17) [site 4], 05/09/98 2.5 mi. E Hosston (T22N, R14W, s20) [site 3], 05/09/98 3 mi. NE Hosston (T22N, R14W, s8 [site 5], 05/09/98 4 mi. NE Hosston (T22N, R14W,s4,9 [site 8], 05/09/98 5 mi. W Hosston on LA 2 (T22N, R15W, s29) [site 36], 05/09/98 Hosston to Ark line and to Red River [general], 05/09/98 Hosston: 0.5 mi. W on LA 2. [site 37], 05/09/98 Ida: N edge, 0.5 mi. S Ark. line. [site 25], 05/09/98 W side of Red River bridge on LA 2 (T22N, R14W, s16) [site 39]
PD	Paul Dickson	03/22/98 Residence, 03/23/98 Farm on Leonard Rd, 03/24/98 Farm on Leonard Rd., 03/25/98 Farm on Leonard Rd., 03/25/98 Farm on Leonard Rd., 03/25/98 Farm on Leonard Rd., 04/02/98 Clark's Bar, Red River, 04/03/98 Red River, mile 215-203, 04/17/98 Red River, Clark's Bar, 04/17/98 Residence on Ellerbe Rd., 04/18/98 Bienville Parish, 04/11/98 Bienville Parish, 04/21/98 Residence on Ellerbe Rd., 04/21/98 Residence on Ellerbe Rd., 05/01/98 Red River, 05/02/98 Red River, 05/03/98 Red River, 05/04/98 Farm on Leonard Rd., 05/08/98 Bickham-Dickson Park, 05/09/98 Deer Farm, 05/09/98 Red River, 05/09/98 Upland creek area, Loggy Bayou Plantation, 05/13/98 Farm on Leonard Rd., 05/17/98 Red River, 05/18/98 Red Ri
PD,RS,CL&HJ	P.Dickson, R.Seidler, C.Lyon,	05/13/98 Red River
PLH	& H.Jeter Pat L. Hervey	05/04/98 Stonewall, Hervey Dairy Farm, 05/07/98 Stonewall, Hervey Dairy Farm, 05/08/98 Stonewall, Hervey Dairy Farm
PLH&AMS RS	Pat L. Hervey and April M. Souba Rosemary Seidler	05/06/98 Stonewall, Hervey Dairy Farm 04/27/98 Shreveport, Centenary College, 04/29/98 Shreveport, residence, (near Line and Prospect), 04/29/98 Shreveport, Stoner woods, 05/03/98 Richard Fleming Park/North Lakeshore Drive, 05/03/98 South Lakeshore, west end, 05/06/98 Shreveport, Stoner woods, 05/09/98 Boot Hill area, 05/09/98 Cub, end of South Lakeshore, 05/09/98 Ford Park area, 05/09/98 Hammond Road, 05/09/98 South Lakeshore, west end, 05/11/98 South Lakeshore, west end
SH,PL&BW T&SD	S. Huss, P. Lonecker & B. Wommack Terry and Stella Davis	
TD	Terry Davis	04/24/98 Bossier City: Shreveport-Barksdale bridge, woods, 04/24/98 Plain Dealing: Watson Rd., 0.2 mi. from Dogwood Trail., 04/24/98 Reid Rd. at U.S. hwy. 71, SW corner, 04/24/98 Shreveport: C. Bickham Dickson Park, 04/24/98 Shreveport: Stoner Avenue Boat Launch woods, 04/25/98 Bossier City: Deer Point Rd. at Airline Dr., 04/27/98 Oil City: 0.25 mi. E (via LA 530) LA 538, 04/27/98 Oil City: Earl G. Williams Park, Caddo Lake, 04/28/98 Shreveport: Stoner Avenue Boat Launch woods, 04/29/98 Shreveport: Stoner Avenue Boat Launch woods, 04/30/98 Bossier City: residence, 905 McDade St., 04/30/98 Bossier City: ShreveportBarksdale bridge, woods, 04/30/98 Shreveport: C. Bickham Dickson Park, 04/30/98 Shreveport: Dixie Gardens oxbow, 05/01/98 Shreveport: Bickham Bayou near Ford Park, 05/01/98 Shreveport: Risinger Dr., near Lakeshore, 05/01/98 Shreveport: Stoner Avenue Boat Launch woods, 05/02/98 Shreveport: Wright Island woods, 05/03/98 Shreveport: Stoner Avenue Boat Launch woods, 05/03/98 Shreveport: Wright Island woods, 05/04/98 Shreveport: 2600 Vivian, 05/04/98 Shreveport: Brewster's Pocket on Cross Lake, 05/04/98 Shreveport: Ford Park, 05/04/98 Shreveport: Stoner Avenue Boat Launch woods, 05/04/98 Shreveport: Wright Island woods, 05/04/98 Sh

	RECORDS
Common Name	Data
Pied-billed Grebe American White Pelican	04/19/98 JJ&TD 1, 05/02/98 CL,J&JT 3, 05/03/98 RS 1, 05/09/98 PD 2, 05/09/98 JJ&KT 1 03/27/98 JH&SH 12, 04/02/98 PD 250, 04/03/98 PD 10, 04/29/98 T&SD 69, 05/01/98 PD 5, 05/02/98 CL,J&JT 4, 05/04/98 CL&HJ 8, 05/06/98 CL,PD&HJ 24,
	05/09/98 PD 12, 05/09/98 RS 1, 05/10/98 CL 3, 05/13/98 PD,RS,CL&HJ 2
Double-crested Cormorant	03/27/98 JH&SH 11, 04/19/98 II&TD 11, 04/29/98 CL&RS 3, 05/01/98 PD 30, 05/02/98 CL_J&JT 15, 05/03/98 RS 2, 05/03/98 JJ&KT 18, 05/04/98 CL&HJ 2, 05/06/98 CL,PD&HJ 3, 05/09/98 CL&LR 1, 05/09/98 MH&TD 1, 05/09/98 II, 1, 05/09/98 SH,PL&BW 1, 05/09/98 PD 2, 05/09/98 CL&LR 1, 05/13/98
	PD,RS,CL&HJ 3
Anhinga American Bittern	04/29/98 ILI 1, 04/29/98 CL&RS 1, 05/04/98 CL&HJ 5, 05/09/98 PD 1, 05/09/98 J,J&KT 2, 05/13/98 PD,RS,CL&HJ 1 05/03/98 PD 2
Great Blue Heron	04/19/98 J&TD 2, 04/27/98 TD 2, 04/29/98 RS 1, 04/29/98 CL&RS 3, 05/01/98 CL&RS 1, 05/02/98 CL,J&JT 7, 05/02/98 E&SH 1, 05/03/98 CL,BW&SD 2,
	05/03/98 J,&KT 2, 05/03/98 RS 6, 05/03/98 RS 1, 05/04/98 CL&HJ 5, 05/06/98 RS 1, 05/06/98 PLH&AMS 1, 05/06/98 CL,PD&HJ 6, 05/09/98 MAETD 1, 05/09/98 CL&LR 3, 05/09/98 H&PH&RB 2, 05/09/98 IL 1, 05/09/98 H&PH&RB 2, 05/09/98 RS 6, 05/09/98 SH,PL&BW 3, 05/09/98 RS 7, 05/09/98 IL 1,
	05/09/98 PD 2, 05/09/98 SHPL&BW 2, 05/09/98 PD 8, 05/09/98 RD 8, 05/09/98 CL&US 1, 08/10/98 LD 8, 05/10/98 LD 1, 05/09/98 CL&US 1, 05/09/98 CL&US 1, 05/10/98 LD 8, 05/10/9
Court Front	05/23/98 BSG 1 04/19/98 JJ&TD 1, 04/27/98 TD 5, 04/29/98 CL&RS 1, 05/01/98 CL&RS 1, 05/01/98 J&JT 2, 05/02/98 CLJ&JT 20, 05/02/98 JH&SH 2, 05/02/98 E&SH 3,
Great Egret	05/03/98 RS 8, 05/03/98 RS 2, 05/03/98 CL&W&SD 3, 05/03/98 LJ&KT 2, 05/04/98 CL&H J 10, 05/04/98 L&RS 2, 05/05/98 RS 8, 05/03/98 RS 9. 05/03/
	05/06/98 CL,PD&HJ 12, 05/09/98 MH&TD 2, 05/09/98 CL&LR 2, 05/09/98 LR 3, 05/09/98 CL&LR 2, 05/09/98 MH&TD 21, 05/09/98 RS 2, 05/09/98 PD 18,
	05/09/98 PD 7, 05/09/98 RS 1, 05/09/98 SH,PL&BW 2, 05/09/98 SH,PL&BW 2, 05/09/98 RS 1, 05/09/98 CL&LR 4, 05/09/98 J,J&KT 1, 05/10/98 J,J&KT 1, 05/10/98 CL 8, 05/11/98 RS 4, 05/16/98 J,B&T 1, 05/10/98 LB 3, 05/11/98 RS 4, 05/16/98 J,B&T 1, 05/10/98 LB 3, 05/11/98 RS 4, 05/16/98 J,B&T 1, 05/10/98 LB 3, 05/11/98 RS 4, 05/16/98 J,B&T 1, 05/10/98 LB 3, 05/11/98 RS 4, 05/16/98 J,B&T 1, 05/10/98 LB 3, 05/10/98 LB 3
Snowy Egret	04/29/98 CL&RS 2, 05/01/98 CL&RS 1, 05/02/98 CL,&J&JT 3, 05/02/98 E&SH 4, 05/03/98 JJ&KT 1, 05/03/98 RS 1, 05/04/98 CL&HJ 2, 05/06/98 CL,PD&HJ 3,
Little Blue Heron	05/09/98 SH,PL&BW 2, 05/09/98 SH,PL&BW 4, 05/09/98 PD 3, 05/09/98 PD 1, 05/10/98 CL 7, 05/16/98 II&TD 1, 05/16/98 II&TD 5 04/29/98 RS 1, 04/29/98 CL&RS 2, 04/30/98 LR 1, 05/02/98 CLJ&JT 20, 05/03/98 RS 2, 05/04/98 CL&HJ 12, 05/09/98 CL&LR 3, 05/09/98 RS 2, 05/09/98 PD 12,
	05/09/98 RS 2, 05/09/98 CL&LR 3, 05/10/98 CL 12, 05/11/98 RS 2, 05/16/98 JACTD 1
Tricolored Heron Cattle Egret	05/02/98 PD 1 04/19/98 JJ&TD 2, 04/29/98 RS 2, 05/02/98 JJ&SH 14, 05/02/98 CL_J&JT 30, 05/03/98 RS 4, 05/04/98 CL&HJ 100, 05/09/98 CL&LR 2, 05/09/98 H&PH&RB 67,
-	05/09/98 JLI 7, 05/09/98 RS 1, 05/09/98 SH,PL&BW 77, 05/09/98 PD 280, 05/09/98 SH,PL&BW 11, 05/09/98 JLI 1, 05/09/98 JLI 6, 05
Green Heron	16, 05/09/98 PD 10, 05/09/98 J.L&KT 24, 05/09/98 CL&LR 2, 05/10/98 J.L&KT 13, 05/10/98 CL 15 04/29/98 RS 2, 04/29/98 CL&RS 1, 04/29/98 TD 4, 05/01/98 CL&RS 3, 05/01/98 J&TT 1, 05/02/98 CL_J&JT 5, 05/02/98 E&SH 2, 05/03/98 RS 1, 05/03/98 RS 1,
	05/03/98 CL,BW&SD 2, 05/03/98 J&JT 2, 05/04/98 L&AR 1, 05/09/98 LRR 1, 05/09/98 CL&LR 2, 05/09/98 RS 3, 05/09/98 PD 2, 05/09/98 RS 1, 05/09/98
	H&PH&RB 1, 05/09/98 SH,PL&BW 4, 05/09/98 ILI 1, 05/09/98 H&PH&RB 2, 05/09/98 ILI 2, 05/09/98 J,J&KT 3, 05/09/98 CL&LR 2, 05/10/98 CL 1, 05/11/98 RS 2, 05/16/98 II 1, 05/16/98 II&TD 1
Yellow-crowned Night-Heron	04/29/98 CL&RS 1, 05/02/98 E&SH 1, 05/03/98 RS 1, 05/06/98 RS 2, 05/09/98 RS 4, 05/09/98 SH,PL&BW 1, 05/09/98 RS 1, 05/11/98 RS 4, 05/16/98 JI 5
White Ibis White-faced Ibis	05/09/98 PD 34, 05/23/98 BSG 19 04/03/98 PD 1
Black Vulture	04/27/98 TD 2, 05/02/98 CL, J&JT 22, 05/03/98 RS 4, 05/06/98 PLH&AMS 2, 05/06/98 CL, PD&HJ 2, 05/09/98 CL&LR 19, 05/09/98 LRR 1, 05/09/98 H&PH&RB
	6, 05/09/98 SH,PL&BW 23, 05/09/98 PD 1, 05/09/98 JLI I, 05/09/98 H&PH&RB 2, 05/09/98 PD 1, 05/09/98 J,J&KT 7, 05/09/98 CL&LR 21, 05/10/98 CL 10, 05/11/98 RS 2, 05/13/98 PD.RS,CL&HJ 18, 05/23/98 BSG I
Turkey Vulture	04/27/98 TD 3, 04/29/98 CL&RS 1, 04/29/98 RS 1, 04/29/98 LR 1, 05/02/98 JH&SH 1, 05/02/98 CL,J&JT 8, 05/03/98 CL,BW&SD 2, 05/03/98 RS 6, 05/03/98 RS
	2, 05/04/98 CL&HJ 2, 05/06/98 PLH&AMS 2, 05/06/98 CL,PD&HJ 1, 05/09/98 CL&LR 1, 05/09/98 LR 1, 05/09/98 RS 2, 05/09/98 MH&TD 1, 05/09/98 LRR 1, 05/09/98 CL&LR 1, 05/09/98 H&PH&RB 11, 05/09/98 H&PH&RB 9, 05/09/98 ILI 1, 05/09/98 PD 5, 05/09/98 ILI 1, 05/09/98 PD 6, 05/09/98 ILI 1, 05/09/98 RS 2,
	05/09/98 RS 1, 05/09/98 JLI 1, 05/09/98 JLI 1, 05/09/98 JLI 1, 05/09/98 LS 1, 05/
Wd Dod	05/23/98 BSG 1
Wood Duck	04/19/98 J&TD 4, 04/29/98 RS 6, 04/29/98 CL&RS 10, 05/01/98 J&IT 5, 05/01/98 CL&RS 2, 05/02/98 CL,J&JT 6, 05/03/98 RS 6, 05/03/98 J&JT 6, 05/04/98 L&AR 4, 05/04/98 H&PH 2, 05/06/98 RS 8, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1, 05/09/98 RS 4, 05/09/98 PD 2, 05/09/98
	H&PH&RB 2, 05/09/98 PD 2, 05/09/98 SH,PL&BW 4, 05/09/98 J,J&KT 2, 05/10/98 J&JT 2, 05/11/98 RS 5, 05/13/98 PD 8, 05/16/98 Л 12
Mallard Blue-winged Teal	05/01/98 PD 2, 05/06/98 CL,PD&HJ 2, 05/09/98 CL&LR 2, 05/09/98 PD 4, 05/09/98 SH,PL&BW 2, 05/09/98 CL&LR 2 03/23/98 PD 160, 03/24/98 PD 70, 03/26/98 PD 2, 04/02/98 PD 90, 04/19/98 JI&TD 2, 04/27/98 TD 7, 04/29/98 CL&RS 2, 04/29/98 T&SD 12, 05/01/98 CL&RS 2,
3	05/02/98 CL J&JT 20, 05/03/98 J.J&KT 6, 05/04/98 CL&HJ 2, 05/06/98 CL,PD&HJ 50, 05/09/98 RS 2, 05/09/98 RS 2, 05/09/98 PD 102, 05/09/98 SH,PL&BW 1,
Cinnamon Teal	05/09/98 PD 1, 05/09/98 PD 8, 05/10/98 CL 15, 05/13/98 PD,RS,CL&HJ 35 03/24/98 PD 1, 03/26/98 PD 1
Gadwall	03/23/98 PD 150, 04/02/98 PD 175, 04/29/98 T&SD 2, 05/03/98 CL,BW&SD 2, 05/06/98 CL,PD&HJ 2, 05/09/98 PD 5, 05/10/98 CL 3, 05/13/98 PD 8
Canvasback Ring-necked Duck	04/02/98 PD 4 05/01/98 PD 1, 05/02/98 PD 1, 05/06/98 CL_PD&HJ 1
Lesser Scaup	04/02/98 DD 250, 04/29/98 T&SD 3, 05/02/98 PD 1, 05/02/98 CL,J&JT 3, 05/06/98 CL,PD&HJ 3, 05/09/98 PD 3, 05/09/98 RS 3
Hooded Merganser Ruddy Duck	05/09/98 RS 1 04/02/98 PD 13, 05/02/98 CLJ&JT 11
Osprey	05/02/98 CL,J&JT 1
Mississippi Kite	05/02/98 CL,J&JT 6, 05/03/98 CL,BW&SD 2, 05/04/98 CL&HJ 1, 05/09/98 H&PH&RB 1, 05/09/98 JLI 1, 05/09/98 PD 1, 05/09/98 J,J&KT 7, 05/10/98 J&JT 1, 05/10/98 JLI 1, 05/13/98 PD,RS,CL&HJ 2, 05/24/98 LMH 1
Sharp-shinned Hawk	05/02/98 CL.J&IT 1, 05/04/98 H&PH 2
Cooper's Hawk Red-shouldered Hawk	05/09/98 H&PH&RB 1, 05/10/98 CL 1 04/29/98 LR 1, 04/30/98 LR 2, 05/02/98 CL,J&JT 2, 05/03/98 RS 1, 05/04/98 CL&HJ 1, 05/09/98 CL&LR 1, 05/09/98 CL&LR 1, 05/09/98 CL&LR 2, 05/09/98 CL&LR 3, 05/09/98 CL&LR 4, 05/
	LRR 1, 05/09/98 H&PH&RB 1, 05/09/98 JLI 1, 05/09/98 H&PH&RB 1, 05/09/98 CL&LR 3, 05/09/98 J,&KT 3, 05/10/98 J&JT 3, 05/23/98 BSG 1
Broad-winged Hawk Swainson's Hawk	04/19/98 Jl&TD 1, 05/23/98 BSG 1 04/03/98 PD 1, 05/06/98 CL,PD&HJ 1
Red-tailed Hawk	04/15/98 AB 1, 04/19/98 JETD 1, 05/02/98 CL, JEJT 3, 05/09/98 MH&TD 2, 05/09/98 JLI 1, 05/09/98 JLI 1, 05/09/98 PD 1, 05/09/98 H&PH&RB 3, 05/09/98 JLI
Merlin	1, 05/09/98 SH,PL&BW 1, 05/09/98 RS 2 05/02/98 PD 1
Wild Turkey	05/09/98 PD 1
Northern Bobwhite Sora	05/03/98 RS 1, 05/09/98 RS 1, 05/09/98 MH&TD 1, 05/09/98 PD 3 04/27/98 TD 8, 04/29/98 T&SD 2, 05/04/98 CL&HJ 1, 05/09/98 IJ 2
American Coot	03/27/98 JH&SH 4, 04/27/98 TD 7, 04/29/98 CL&RS 2, 05/01/98 J&JT 4, 05/01/98 PD 36, 05/02/98 CL,J&JT 2, 05/03/98 J,J&KT 1, 05/03/98 J&JT 2, 05/03/98 RS
	2, 05/03/98 RS 2, 05/04/98 CL&HJ 2, 05/06/98 CL,PD&HJ 30, 05/09/98 RS 5, 05/09/98 ILI 2, 05/09/98 PD 2, 05/09/98 PD 1, 05/09/98 ILI 3, 05/09/98 IJ,&KT 10, 05/10/98 J&HT 1, 05/13/98 PD.RS.CL&HJ 1, 05/23/98 BSG 3
Black-bellied Plover	05/06/98 CL,PD&HJ 1, 05/09/98 PD 1, 05/10/98 CL 2
American Golden-Plover Semipalmated Plover	03/25/98 PD 2, 05/02/98 PD 1, 05/03/98 PD 15 05/06/98 CL.PD&HJ 1, 05/09/98 PD 1, 05/10/98 CL 1
Piping Plover	04/17/98 PD 1
Killdeer	03/27/98 JH&SH 2, 04/19/98 JI&TD 1, 04/27/98 TD 2, 04/29/98 CL&RS 1, 04/29/98 RS 1, 05/01/98 J&JT 2, 05/01/98 CL&RS 4, 05/02/98 E&SH 4, 05/02/98 CL_J&JT 6, 05/03/98 CL_BW&SD 4, 05/03/98 JJ&KT 2, 05/03/98 J&JT 2, 05/04/98 CL&HJ 1, 05/06/98 CL_PD&HJ 2, 05/09/98 CL&R 1, 05/09/98 RS 8, 05/09/98
	PD 2, 05/09/98 JLI 1, 05/09/98 JLI 2, 05/09/98
Black-necked Stilt	SH,PL&BW 7, 05/09/98 JLI 3, 05/09/98 CL&LR 1, 05/16/98 JL&TD 2, 05/23/98 BSG 3 05/09/98 PD 4
Greater Yellowiegs	04/02/98 PD 200, 05/01/98 J&JT 2, 05/01/98 CL&RS 1, 05/02/98 CL,J&JT 1, 05/03/98 PD 6, 05/06/98 CL,PD&HJ 1, 05/09/98 PD 1
Lesser Yellowlegs	04/02/98 PD 250, 04/17/98 PD 4, 04/24/98 TD 3, 04/27/98 TD 1, 04/29/98 CL&RS 1, 05/01/98 I&IT 2, 05/01/98 CL&RS 2, 05/02/98 CL, J&JT 11, 05/02/98 E&SH 2, 05/03/98 PD 18, 05/03/98 CL, BW&SD 1, 05/03/98 J, J&KT 2, 05/04/98 CL&HJ 1, 05/06/98 CL, PD&HJ 4, 05/09/98 PD 7, 05/09/98 PD 12, 05/09/98 MH&TD 2,
	05/10/98 CL 2, 05/21/98 PD 4
Solitary Sandpiper	04/24/98 TD 5, 04/29/98 RS 1, 04/29/98 CL&RS 4, 05/01/98 CL&RS 2, 05/01/98 J&JT 2, 05/02/98 E&SH 2, 05/02/98 CL,J&JT 1, 05/03/98 J,J&KT 1, 05/03/98
Spotted Sandpiper	CL_BW&SD 1, 05/03/98 PD 3, 05/06/98 PLH&AMS 1, 05/09/98 MH&TD 1, 05/09/98 RS 1, 05/09/98 ILI 3 04/24/98 TD 3, 04/25/98 T&SD 7, 04/29/98 CL&RS 1, 05/01/98 J&JT 5, 05/01/98 CL&RS 2, 05/01/98 PD 14, 05/02/98 CL,J&JT 7, 05/02/98 E&SH 2, 05/03/98 RS
-r	1, 05/03/98 PD 50, 05/03/98 J.J&KT 2, 05/03/98 CL,BW&SD 5, 05/04/98 L&AR 1, 05/06/98 CL,PD&HJ 14, 05/09/98 MH&TD 2, 05/09/98 CL&LR 1, 05/09/98
Upland Sandpiper	H&PH&RB 1, 05/09/98 PD 2, 05/09/98 PD 18, 05/09/98 ILI 3, 05/09/98 CL&LR 1, 05/10/98 CL 8, 05/16/98 Jl&TD 1, 05/21/98 PD 2 04/21/98 PD 22, 04/24/98 TD 4, 04/25/98 TD 6
Hudsonian Godwit	05/09/98 PD 3, 05/16/98 PD 1
Sanderling	04/17/98 PD 1, 05/09/98 PD 1

Common Name	Data
Semipalmated Sandpiper	04/02/98 PD 3, 04/17/98 PD 6, 05/01/98 PD 25, 05/02/98 CL,J&IT 3, 05/03/98 PD 150, 05/06/98 CL,PD&HJ 35, 05/09/98 PD 16, 05/10/98 CL 7, 05/13/98 05/21/98
Western Sandpiper	PD 6 04/17/98 PD 2, 05/03/98 PD 25
Least Sandpiper	03/25/98 PD 4, 04/02/98 PD 14, 04/17/98 PD 20, 04/24/98 TD 20, 04/29/98 CL&RS 13, 05/01/98 CL&RS 20, 05/01/98 J&JT 8, 05/02/98 CL,J&JT 25, 05/02/98
,	E&SH 7, 05/03/98 CL,BW&SD 32, 05/03/98 PD 250, 05/03/98 J,ÆKT 22, 05/06/98 CL,PD&HJ 480, 05/09/98 PD 195, 05/09/98 MH&TD 36, 05/10/98 CL 156, 05/21/98 PD 2
White-rumped Sandpiper	05/01/98 PD 75, 05/02/98 PD 150, 05/03/98 PD 500, 05/06/98 CL,PD&HJ 629, 05/09/98 PD 420, 05/10/98 CL 45, 05/13/98 PD,RS,CL&HJ 42, 05/17/98 PD 250,
Baird's Sandpiper	05/21/98 PD 49 04/03/98 PD 1, 04/17/98 PD 30, 05/06/98 CL,PD&HJ 8, 05/09/98 PD 25
Pectoral Sandpiper	03/25/98 PD 20, 03/26/98 PD 15, 04/24/98 TD 5, 04/27/98 TD 4, 05/01/98 CL&RS 4, 05/02/98 CL,J&JT 18, 05/03/98 PD 70, 05/03/98 CL,BW&SD 1, 05/06/98
• • •	CL,PD&HJ 12, 05/09/98 PD 70, 05/09/98 SH,PL&BW 3, 05/09/98 JLI 1, 05/13/98 PD,RS,CL&HJ 2, 05/16/98 JLTD 1, 05/21/98 PD 1
Dunlin O'T' G	04/02/98 PD 6, 04/17/98 PD 6, 05/13/98 PD,RS,CL&HJ 1
Stilt Sandpiper Long-billed Dowitcher	05/09/98 PD 13 04/02/98 PD 40, 05/03/98 PD 1
Common Snipe	05/01/98 CL&Rs 1, 05/02/98 CL,1&JT 1
American Woodcock	05/02/98 E&SH 1, 05/19/98 PD 1
Wilson's Phalarope	05/03/98 PD 3, 05/06/98 CL,PD&HJ 23, 05/09/98 PD 33, 05/10/98 CL 3, 05/13/98 PD,RS,CL&HJ 1, 05/16/98 PD 21, 05/17/98 PD 16
Laughing Gull	05/13/98 PD,RS,CL&HJ 1 05/09/98 PD 4, 05/09/98 CL&LR 10, 05/09/98 CL&LR 10
Franklin's Gull Bonaparte's Gull	03/03/38 PD 1
Ring-billed Gull	05/02/98 PD 1, 05/09/98 PD 1
Caspian Tern	05/01/98 PD 2, 05/02/98 PD 1, 05/03/98 PD 2, 05/06/98 CL,PD&HJ 16, 05/09/98 PD 11, 05/13/98 PD,RS,CL&HJ 8, 05/17/98 PD 2
Forster's Tern Least Tern	05/06/98 CL,PD&HJ 2, 05/09/98 PD 1 05/09/98 PD 5, 05/13/98 PD,RS,CL&HJ 12
Black Tern	05/09/98 PD 2, 05/09/98 CL&LR 2, 05/09/98 CL&LR 2, 05/17/98 PD 2
Rock Dove	04/29/98 CL&RS 2, 05/01/98 CL&RS 1, 05/02/98 CLJ&JT 25, 05/03/98 RS 18, 05/03/98 CL,BW&SD 2, 05/04/98 CL&HJ 6, 05/06/98 RS 3, 05/09/98 RS 27,
	05/09/98 RS 7, 05/09/98 RS 5, 05/09/98 PD 2, 05/09/98 SH,PL&BW 7, 05/09/98 ILI 4, 05/09/98 H&PH&RB 1, 05/09/98 CL&LR 2, 05/09/98 J,J&KT 8, 05/10/98
	CL 6, 05/16/98 JI 1
Mourning Dove	04/15/98 AB 5, 04/19/98 T.&TD 10, 04/21/98 JT 7, 04/27/98 RS 3, 04/27/98 TD 4, 04/29/98 RS 4, 04/29/98 RS 4, 04/29/98 CL&RS 1, 04/30/98 LR 1, 05/01/98 J&IT 6, 05/01/98 CL&RS 8, 05/02/98 CL, J&IT 30, 05/02/98 E&SH 2, 05/02/98 JH&SH 1, 05/03/98 RS 6, 05/03/98 RS 3, 05/03/98 JÆIT 2, 05/03/98 JJ&KT 4, 05/03/98
	PD 4, 05/03/98 CL, BW&SD 12, 05/04/98 CL&HI 10, 05/04/98 H&PH 2, 05/04/98 L&AR 2, 05/06/98 RS 5, 05/06/98 PLH&AMS 2, 05/08/98 BLI 3, 05/09/98 PD 7,
	05/09/98 JLI 3, 05/09/98 JLI 1, 05/09/98 JLI 7, 05/09/98 SH,PL&BW 1, 05/09/98 H&PH&RB 18, 05/09/98 RS 9, 05/09/98 H&PH&RB 8, 05/09/98 SH,PL&BW 15,
	05/09/98 ILI 1, 05/09/98 ILI 5, 05/09/98 ILI 5
	05/09/98 LR 2, 05/09/98 MH&TD 3, 05/09/98 CL&LR 7, 05/09/98 CL&LR 3, 05/09/98 RS 2, 05/09/98 RS 4, 05/09/98 CL&LR 8, 05/09/98 LB< 3, 05/
	MH&TD 2, 05/09/98 MH&TD 2, 05/10/98 J&IT 2, 05/10/98 JL1 2, 05/11/98 RS 18, 05/16/98 Л 3, 05/16/98 Л&TD 7, 05/20/98 LMH 2, 05/23/98 BSG 1, 05/23/98 LMH 2
Inca Dove	04/21/98 Л 1, 05/08/98 Л. I 1, 05/09/98 Л. I 4, 05/09/98 Л. I 2, 05/09/98 Л. I 2, 05/09/98 Л. I 1, 05/16/98 Л. I Т. 1, 05/20/98 LMH 2
Yellow-billed Cuckoo	04/29/98 RS 1, 04/29/98 T&SD 2, 04/29/98 CL&RS 1, 04/30/98 LR 1, 05/01/98 J&JT 1, 05/01/98 CL&RS 3, 05/02/98 CLJ&JT 2, 05/02/98 E&SH 2, 05/02/98
	JH&SH 1, 05/03/98 RS 1, 05/03/98 CL,BW&SD 2, 05/03/98 J&JT 3, 05/04/98 CL&HI 2, 05/09/98 RS 2, 05/09/98 RS 1, 05/09/98 RS 2, 05/09/98 LR 5, 0
	CL&LR 2, 05/09/98 RS 2, 05/09/98 LRR 4, 05/09/98 CL&LR 1, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1, 05/09/98 LI 1, 05/09/98 LI 2, 05/09/98 PD 2, 05/09/98 H&PH&RB 1, 05/09/98 H&PH&RB 2, 05/09/98 RS 1, 05/09/98 SH,PL&BW 1, 05/09/98 SH,PL&BW 3, 05/09/98 JL 1, 05/09/98 PD 13, 05/09/98 PD 14, 05/09/98 PD 14, 05/09/98 PD 15, 05/
	MH&TD 6, 05/09/98 CL&LR 3, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1, 05/09/98 J&T 1, 05/11/98 RS 1, 05/16/98 J&T 1, 05/11/98 RS 1, 05/16/98 J&T 3, 0
	05/16/98 JI&TD 6, 05/23/98 BSG 1, 05/23/98 BSG 2
Greater Roadrunner	05/11/98 RS 1
Barn Owl	05/02/98 CL,J&JT 1
Eastern Screech-Owl	05/09/98 MH&TD 1, 05/16/98 JI&TD 2
Great Horned Owl	05/02/98 CL, L&IT 1, 05/09/98 PD 1 04/30/98 LR 1, 05/09/98 LR 1, 05/09/98 LR 1, 05/09/98 CL&LR 1, 05/09/98 CL&LR 1, 05/09/98 PD 2, 05/09/98 H&PH&RB 1, 05/09/98 H&PH&RB 1, 05/09/98
Barred Owl	Older 1, 05/1/39 RS 1, 05/3/39 RS 6
Common Nighthawk	04/29/98 RS 4, 04/29/98 RS 2, 05/01/98 CL&RS 20, 05/01/98 L&T 20, 05/02/98 PD 6, 05/03/98 RS 2, 05/09/98 CL&LR 2, 05/09/98 RS 1, 05/09/98 PD 35, 05/09/98
	PD 2, 05/09/98 CL&LR 2
Chuck-will's-widow	04/19/98 PD 1, 05/01/98 CL&RS 2, 05/09/98 PD 2, 05/09/98 H&PH&RB 1 04/19/98 II&TD 12, 04/27/98 RS 16, 04/29/98 RS 3, 04/29/98 RS 8, 05/01/98 J&JT 10, 05/01/98 CL&RS 10, 05/02/98 CL,J&JT 15, 05/02/98 IH&SH 2, 05/03/98 RS
Chimney Swift	04/19/98 1/8E ID 12, 04/2//98 KS 10, 04/29/98 KS 3, 04/29/98 KS 3, 05/09/98 KS 9,
	05/09/98 LRR 2, 05/09/98 PD 3, 05/09/98 H&PH&RB 6, 05/09/98 H&PH&RB 6, 05/09/98 JLI 3, 05/09/98 JLI 3, 05/09/98 JLI 3, 05/09/98 CL&LR 4,
	05/09/98 MH&TD 2, 05/09/98 J.J&KT 12, 05/10/98 J&JT 5, 05/10/98 JLI 2, 05/11/98 RS 6, 05/16/98 JI&TD 5, 05/23/98 LMH 3
Ruby-throated Hummingbird	04/19/98 PD 2, 04/27/98 TD 1, 04/29/98 LR 1, 04/29/98 RS 2, 04/30/98 LR 1, 05/02/98 CL, L&TT 1, 05/03/98 RS 2, 05/06/98 PLH&AMS 2, 05/09/98 CL&LR 2,
Belted Kingfisher	05/09/98 LR 2, 05/09/98 MH&TD 1, 05/09/98 H&PH&RB I, 05/09/98 PD 3, 05/09/98 CL&LR 2, 05/16/98 I&TD 3, 05/23/98 BSG 1 04/19/98 I&TD 1, 04/27/98 TD 1, 05/01/98 CL&RS 1, 05/01/98 J&JT 1, 05/03/98 J&JT 1, 05/04/98 L&AR 1, 05/06/98 RS 1, 05/09/98 RS 1, 05/09/98 ILI 1,
Bened Kingrisher	05/09/98 PD 1, 05/09/98 PD 1, 05/09/98 PD 1, 05/09/98 SH,PL&BW 1, 05/09/98 M&TD 1
Red-headed Woodpecker	04/29/98 RS 1, 05/02/98 TD 1, 05/02/98 CLJ&IT 2, 05/04/98 H&PH 2, 05/04/98 CL&HJ 1, 05/06/98 PLH&AMS 3, 05/09/98 RS 1, 05/09/98 PD 2, 05/09/98
•	MH&TD 2, 05/23/98 LMH 1, 05/24/98 LMH 2
Red-bellied Woodpecker	04/15/98 AB 1, 04/19/98 JI&TD 3, 04/27/98 TD 2, 04/27/98 RS 2, 04/29/98 RS 4, 04/29/98 RS 2, 04/29/98 LR 1, 04/29/98 CL&RS 6, 04/30/98 LR 2, 05/01/98 J&TT
	4, 05/01/98 CL&RS 6, 05/02/98 CL,J&JT 14, 05/02/98 E&SH 1, 05/03/98 RS 2, 05/03/98 RS 1, 05/03/98 J&JT 3, 05/03/98 J,L&KT 2, 05/03/98 CL,BW&SD 6, 05/04/98 CL&HJ 4, 05/04/98 L&AR 1, 05/06/98 PLH&AMS 3, 05/06/98 RS 1, 05/09/98 LR 2, 05/09/98 LR 1, 05/09/98 CL&LR 2, 05/09/98 CL&LR 1, 05/09/98
	RS 2. 05/09/98 CL&LR 8. 05/09/98 RS 5. 05/09/98 RS 5. 05/09/98 H&PH&RB 7. 05/09/98 JLI 1, 05/09/98 JLI 1, 05/09/98 PD 3, 05/09/98 JLI 1, 05/09/98 PD 2,
	05/09/98 JLI 1, 05/09/98 PD 4, 05/09/98 ILI 1, 05/09/98 SH,PL&BW 1, 05/09/98 H&PH&RB 3, 05/09/98 CL&LR 10, 05/09/98 MH&TD 2, 05/09/98 MH&TD 1,
	05/09/98 MH&TD 1, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1, 05/09/98 J,&KT 8, 05/10/98 J&JT 2, 05/10/98 JLI 1, 05/11/98 RS 3, 05/16/98 J&TD 2, 05/16/98
Danier Was daniel	П&TD 2, 05/16/98 Л 1, 05/23/98 BSG 1, 05/23/98 BSG 1, 05/23/98 LMH 2 04/19/98 П&TD 2, 04/27/98 TD 1, 04/27/98 RS 1, 04/29/98 RS 3, 04/29/98 CL&RS 3, 04/30/98 LR 1, 05/01/98 I&T 1, 05/01/98 CL&RS 3, 05/02/98 CL,J&T 6,
Downy Woodpecker	04/19/98 18c ID 2, 04/21/98 ID 1, 04/21/98 RS 1, 04/29/98 LS 3, 04/29/98 LEARS 3, 04/29/98 LEAR 3, 04/29/98 LEAR 3, 04/29/98 LEAR 3, 04/29/98 LS 2, 05/09/98 RS 1, 05/03/98 RS 1, 05/03/98 RS 1, 05/03/98 RS 1, 05/03/98 LR 2, 05/09/98
	05/09/98 RS 2, 05/09/98 RS 1, 05/09/98 RS 1, 05/09/98 LRR 3, 05/09/98 SH,PL&BW 1, 05/09/98 ILI 2, 05/09/98 PD 1, 05/09/98 CL&LR 2, 05/09/98 J,&KT 2,
	05/09/98 MH&TD 4, 05/10/98 J&JT 1, 05/11/98 RS 1, 05/16/98 J&TD 2, 05/16/98 J&TD 3, 05/23/98 BSG 1
Hairy Woodpecker	04/15/98 AB 1, 04/29/98 RS 1, 04/29/98 CL&RS 1, 05/01/98 J&JT 2, 05/01/98 CL&RS 2, 05/02/98 CLJ&JT 1, 05/03/98 RS 1, 05/03/98 J&JT 1, 05/03/98
	CL,BW&SD I, 05/03/98 TD 2, 05/05/98 TD 4, 05/09/98 CL&LR 1, 05/09/98 PD 3, 05/09/98 LRR 1, 05/09/98 CL&LR 1, 05/09/98 LL&LR 1, 05/09/98 LL
Northern Flicker	04/19/98 JI&TD 1, 04/29/98 RS 1, 05/01/98 I&JT 1, 05/01/98 CL&RS 1, 05/02/98 CLJ&FT 1, 05/09/98 RS 2, 05/09/98 JLI 1, 05/09/98 H&PH&RB 1, 05/09/98 H&PH&RB 1, 05/09/98 JJ&KT 6, 05/09/98 MH&TD 1, 05/10/98 J&T 1, 05/16/98 JB&TD 1, 05/16/98 JI&TD 2
Pileated Woodpecker	04/29/98 CL&RS 1, 04/30/98 LR 1, 05/01/98 J&TT 3, 05/01/98 CL&RS 1, 05/02/98 CL&RS 1, 05/02/98 H&SH 1, 05/02/98 E&SH 1, 05/03/98 RS 2, 05/03/98 RS
Thomas Woodpoole	3, 05/03/98 CL,BW&SD 1, 05/09/98 RS 2, 05/09/98 LRR 1, 05/09/98 LR 1, 05/09/98 RS 2, 05/09/98 LRR 1, 05/09/98 CL&LR 3, 05/09/98 PD 1, 05/09/98
	H&PH&RB 2, 05/09/98 SH,PL&BW 2, 05/09/98 PD 1, 05/09/98 H&PH&RB 1, 05/09/98 JLI 1, 05/09/98 JJ&KT 4, 05/09/98 CL&LR 2, 05/11/98 RS 1, 05/23/98
	BSG 1
OF THEM IS	05/04/98 PD 1, 05/09/98 H&PH&RB 1
Olive-sided Flycatcher	04/27/08 BC 1 04/20/08 BC 4 04/20/08 CT &BC 3 05/01/08 CT &BC 1 05/01/08 T&TT 1 05/02/08 CT T&FT 3 05/03/08 BC 1 0
Olive-sided Flycatcher Eastern Wood-Pewee	04/27/98 RS 1, 04/29/98 RS 4, 04/29/98 CL&RS 3, 05/01/98 CL&RS 1, 05/01/98 J&TT 1, 05/02/98 CLJ&IT 3, 05/03/98 RS 1, 05/03/98 RS 1, 05/03/98 RS 1, 05/03/98 LBW&SD 1, 05/03/98 LJ&KT 1, 05/04/98 CL&HJ 3, 05/04/98 H&PH 1, 05/09/98 LRR 1, 05/09/98 CL&LR 2, 05/09/98 RS 3, 05/09/98 CL&LR 2,
	05/03/98 CL,BW&SD 1, 05/03/98 I,J&KT 1, 05/04/98 CL&HJ 3, 05/04/98 H&PH 1, 05/09/98 LRR 1, 05/09/98 CL&LR 2, 05/09/98 RS 3, 05/09/98 RLR 2, 05/09/98 RS 4, 05/09/98 PD 4, 05/09/98 IL1 1, 05/09/98 H&PH&RB 5, 05/09/98 H&PH&RB 2, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1, 05/09/98 MH&TD 2,
	05/03/98 CL,BW&SD 1, 05/03/98 J,B&KT 1, 05/04/98 CL&HJ 3, 05/04/98 H&PH 1, 05/09/98 LRR 1, 05/09/98 CL&LR 2, 05/09/98 RS 3, 05/09/98 CL&LR 2,
Eastern Wood-Pewee Yellow-bellied Flycatcher	05/03/98 CL,BW&SD 1, 05/03/98 J,J&KT 1, 05/04/98 CL&HJ 3, 05/04/98 H&PH 1, 05/09/98 LRR 1, 05/09/98 CL&LR 2, 05/09/98 RS 3, 05/09/98 CL&LR 2, 05/09/98 RS 4, 05/09/98 PD 4, 05/09/98 IL1, 05/09/98 HAPH&RB 5, 05/09/98 HAPH&RB 2, 05/09/98 MHAPTD 1, 05/09/98 MHAPTD 1, 05/09/98 MHAPTD 2, 05/09/98 LALR S, 05/09/98 J,J&KT 4, 05/10/98 J&JT 2, 05/11/98 RS 1, 05/16/98 JJ 1, 05/16/98 JAPTD 3 05/23/98 BSG I
Eastern Wood-Pewee Yellow-bellied Flycatcher Acadian Flycatcher	05/03/98 CL,BW&SD 1, 05/03/98 JJ&KT 1, 05/04/98 LL&II 3, 05/04/98 LA&PH 1, 05/09/98 LLR 1, 05/09/98 CL&LR 2, 05/09/98 RS 3, 05/09/98 CL&LR 2, 05/09/98 BY 04, 05/09/98 BIL 1, 05/09/98 BAPH&RB 8, 05/09/99 BPH&RB 2, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1, 05/09/98 MH&TD 2, 05/09/98 CL&LR 5, 05/09/98 JJ&KT 4, 05/10/98 J&IT 2, 05/11/98 RS 1, 05/16/98 JJ&TD 3 05/23/98 BSG 1 05/09/98 LR&IR 3, 05/09/98 LR&IR 3, 05/09/98 LR&IR 3, 05/09/98 LR&IR 3, 05/09/98 CL&LR 1, 05/09/98 CL&LR 4, 05/23/98 BSG 1
Eastern Wood-Pewee Yellow-bellied Flycatcher Acadian Flycatcher Willow Flycatcher	05/03/98 CL,BW&SD 1, 05/03/98 JJ&KT 1, 05/04/98 LA&PH 13, 05/04/98 LA&PH 1, 05/09/98 LRR 1, 05/09/98 CL&LR 2, 05/09/98 RS 3, 05/09/98 CL&LR 2, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1, 05/09/98 MH&TD 2, 05/09/98 CL&LR 5, 05/09/98 JJ&KT 4, 05/10/98 JZ, 05/11/98 RS 1, 05/16/98 JJ 1, 05/16/98 JJ&TD 3 05/23/98 BSG 1 05/09/98 LRR 1, 05/09/98 CL&LR 3, 05/09/98 LRR 1, 05/0
Eastern Wood-Pewee Yellow-bellied Flycatcher Acadian Flycatcher	05/03/98 CL,BW&SD 1, 05/03/98 JJ&KT 1, 05/04/98 LL&II 3, 05/04/98 LA&PH 1, 05/09/98 LLR 1, 05/09/98 CL&LR 2, 05/09/98 RS 3, 05/09/98 CL&LR 2, 05/09/98 BY 04, 05/09/98 BIL 1, 05/09/98 BAPH&RB 8, 05/09/99 BPH&RB 2, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1, 05/09/98 MH&TD 2, 05/09/98 CL&LR 5, 05/09/98 JJ&KT 4, 05/10/98 J&IT 2, 05/11/98 RS 1, 05/16/98 JJ&TD 3 05/23/98 BSG 1 05/09/98 LR&IR 3, 05/09/98 LR&IR 3, 05/09/98 LR&IR 3, 05/09/98 LR&IR 3, 05/09/98 CL&LR 1, 05/09/98 CL&LR 4, 05/23/98 BSG 1

Common Name	Data
Great Crested Flycatcher	04/24/98 PD 2, 04/25/98 LR 1, 04/27/98 RS 1, 04/27/98 TD 1, 04/29/98 RS 2, 04/30/98 LR 1, 05/01/98 CL&RS 4, 05/01/98 J&TT 1, 05/02/98 CL,J&JT 5, 05/02/98
Great Greated 1 Typesteries	E&SH 1, 05/03/98 RS 1, 05/03/98 RS 2, 05/03/98 CL,BW&SD 1, 05/09/98 CL&LR 1, 05/09/98 LRR 1, 05/09/98 RS 1, 05/09/98 CL&LR 1, 05/09/98 LR 1, 05/09/98
	CL&LR 1, 05/09/98 JLÍ 1, 05/09/98 JLÍ 1, 05/09/98 PD 2, 05/09/98 H&PH&RB 1, 05/09/98 JLI 1, 05/09/98 SH,PL&BW 2, 05/09/98 JLI 1, 05/09/98 JLI 1, 05/09/98
	MH&TD 1, 05/16/98 J&TD 3
Eastern Kingbird	04/13/98 LR 1, 04/19/98 J&TD 3, 04/21/98 PD 2, 04/24/98 TD 4, 04/27/98 TD 2, 04/29/98 CL&RS 1, 05/01/98 J&TT 2, 05/01/98 CL&RS 1, 05/02/98 CL,B&T 65, 05/02/98 H&SH 1, 05/02/98 E&SH 1, 05/03/98 CL,BW&SD 1, 05/04/98 CL&HJ 6, 05/04/98 PLH 12, 05/06/98 PLH&AMS 2, 05/06/98 RS 2, 05/08/98 PLH 2,
•	05/09/98 RS 2, 05/09/98 RS 4, 05/09/98 CL&LR 2, 05/09/98 CL&LR 1, 05/09/98 LR 2, 05/09/98 RD 1, 05/09/98 LI 1, 05/09/98 LI 1, 05/09/98 LI 1, 05/09/98 LR 2, 05/09/98 RD 2, 05/09/98 RD 2, 05/09/98 RD 3,
	ILI 1, 05/09/98 ILI 1, 05/09/98 ILI 1, 05/09/98 SH.PL&BW 14, 05/09/98 H&PH&RB 1, 05/09/98 ILI 1, 05/09/98 ILI 1, 05/09/98 PD 3, 05/09/98 H&PH&RB 11,
	05/09/98 JLI 25, 05/09/98 PD 4, 05/09/98 SH,PL&BW 4, 05/09/98 CL&LR 3, 05/09/98 J,J&KT 7, 05/09/98 MH&TD 6, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1,
0.1	05/10/98 CL 2, 05/10/98 JJ&KT 10, 05/16/98 JI&TD 2
Scissor-tailed Flycatcher	04/19/98 JI&TD 1, 04/24/98 TD 3, 04/27/98 TD 2, 04/29/98 CL&RS 1, 05/02/98 CLJ&IT 10, 05/02/98 E&SH 1, 05/02/98 JH&SH 1, 05/03/98 CL,BW&SD 3, 05/03/98 RS 1, 05/04/98 CL&HJ 4, 05/06/98 PLH&AMS 1, 05/06/98 JLI 5, 05/08/98 PLH 2, 05/09/98 CL&IR 1, 05/09/98 JLI 2, 05/09/98 JLI 5, 05/09/98 JLI 4,
	05/09/98 ILI 1, 05/09/98 ILI 5, 05/09/98 Habbar 5, 05/09/98 SHPL&BW 8, 05/09/98 Habbar 1, 05/09/98 ILI 1, 05/09/98 ILI 1, 05/09/98 ILI 3, 05/0
	PD 2, 05/09/98 JLI 2, 05/09/98 JLI 2, 05/09/98 MH&TD 2, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1, 05/09/98 JJ&KT 3, 05/10/98 JJ&KT 5, 05/10/98 CL 2,
	05/10/98 Н&РН 2, 05/16/98 Л 1
Loggerhead Shrike	04/27/98 TD 1, 04/29/98 CL&RS 1, 05/01/98 CL&RS 2, 05/02/98 CL_J&JT 3, 05/03/98 RS 1, 05/04/98 CL&HJ 3, 05/04/98 RS 1, 05/09/98 RS 1, 05/09/88 RS 1, 05/09/88 RS 1, 05/09/8
	05/09/98 ILI 1, 05/09/98 ILI 1
White-eyed Vireo	03/26/98 PD 2, 04/19/98 J&TD 3, 04/19/98 PD 1, 04/25/98 T&SD 3, 04/29/98 RS 2, 04/29/98 LR 4, 04/29/98 CL&RS 2, 05/02/98 CL,J&JT 6, 05/03/98 J&JT 1,
·· •	05/03/98 RS 3, 05/03/98 RS 1, 05/04/98 H&PH 3, 05/04/98 TD 1, 05/04/98 CL&HJ 6, 05/09/98 RS 3, 05/09/98 LRR 3, 05/09/98 PD 7, 05/09/98 RS 5, 05/09/98 LR
	13, 05/09/98 CL&LR 11, 05/09/98 RS 2, 05/09/98 RS 6, 05/09/98 CL&LR 2, 05/09/98 CL&LR 3, 05/09/98 PD 1, 05/09/98 H&PH&RB 4, 05/09/98 II. 3, 05/09/98
	SH.PL&BW 1, 05/09/98 SH.PL&BW 2, 05/09/98 ILI 4, 05/09/98 MH&TD 1, 05/09/98 CL&LR 10, 05/09/98 J,J&KT 8, 05/09/98 MH&TD 5, 05/09/98 MH&TD 1,
Bell's Vireo	05/10/98 I&JT 2, 05/11/98 RS 4, 05/16/98 JI&TD 1, 05/23/98 BSG 1 05/04/98 TD 1
Blue-headed Vireo	05/04/98 TD 1
Yellow-throated Vireo	04/18/98 PD 1, 04/19/98 PD 1, 04/30/98 LR 1, 05/02/98 CL,J&JT 2, 05/04/98 H&PH 1, 05/04/98 TD 1, 05/04/98 TD 1, 05/09/98 CL&LR 1, 05/09/98 RS 1, 05/09/98
	CL&LR 1, 05/09/98 LRR 1, 05/09/98 PD 3, 05/09/98 H&PH&RB 1, 05/09/98 J,J&KT 3, 05/10/98 J&JT 3, 05/23/98 BSG 1
Warbling Vireo	04/19/98 IL&TD 1, 04/25/98 T&SD 2, 04/27/98 TD 2, 04/28/98 TD 3, 04/29/98 TD 3, 04/29/98 CL&RS 1, 04/30/98 TD 3, 05/01/98 TD 1, 05/03/98 TD 1, 05/03/98 TD 1, 05/03/98 TD 3, 04/29/98 TD 3, 04/29/98 TD 3, 05/03/98 TD 1, 05/03/98 TD 1, 05/03/98 TD 1, 05/03/98 TD 3, 05/03/98 TD 3, 05/03/98 TD 1, 05/03/98 TD 3, 05/03/98 TD 3
	CL&H 2, 05/04/98 PD 1, 05/04/98 TD 3, 05/09/98 CL&LR 1, 05/09/98 H&PH&RB 1, 05/09/98 CL&LR 1, 05/09/98 MH&TD 1, 05/09/98 J,I&KT 1, 05/10/98 H&PH&R 1, 05/09/98 CL&LR 1, 05/09/98 MH&TD 1, 05/09/98 J,I&KT 1, 05/10/98 H&PH&R 1, 05/09/98 CL&LR 1, 05/09/98 MH&TD 1, 05/09/98 J,I&KT 1, 05/10/98
Philadelphia Vireo	H&PH 6, 05/16/98 II&TD 2 04/28/98 TD 1, 04/29/98 TD 1, 04/29/98 RS 1, 04/30/98 TD 1, 05/01/98 TD 1, 05/02/98 CL,I&JT 1, 05/03/98 TD 2, 05/04/98 CL&HJ 1, 05/04/98 TD 1, 05/09/98 PD
	1, 05/09/98 J.J. 1, 05/09/98 J.J&KT 2, 05/10/98 HzPH 2, 05/11/98 RS 1
Red-eyed Vireo	04/18/98 PD 1, 04/19/98 PD 1, 04/19/98 J&TD 1, 04/25/98 T&SD 1, 04/28/98 LR 1, 04/29/98 RS 5, 04/29/98 LR 5, 04/30/98 LR 3, 05/01/98 CL&RS 1, 05/02/98
	CL, J&IT 3, 05/03/98 RS 1, 05/03/98 RS 1, 05/03/98 CL, BW&SD 1, 05/04/98 TD 2, 05/04/98 CL&HJ 4, 05/04/98 H&PH 1, 05/06/98 RS 3, 05/09/98 RS 3, 05/09/98
	CLELR 8, 05/09/98 LRR 7, 05/09/98 RS 1, 05/09/98 RL 2, 05/09/98 CLELR 4, 05/09/98 PD 1, 05/09/98 RS 10, 05/09/98 PD 9, 05/09/98 RS 6, 05/09/98 RS 2, 05/09/98 RS 10, 05/09/98 RS 2, 05/09/
	05/09/98 SH,PL&BW 1, 05/09/98 SH,PL&BW 2, 05/09/98 H&PH&RB 1, 05/09/98 H&PH&RB 1, 05/09/98 J,J&KT 5, 05/09/98 CL&LR 8, 05/09/98 MH&TD 1, 05/09/98 MH&TD 2, 05/09/98 MH&TD 2, 05/10/98 J&IT 3, 05/10/98 J&PH 2, 05/11/98 RS 2, 05/16/98 J&TD 1, 05/16/98 J&TD 3, 05/23/98 BSG 2
Blue Jay	04/06/98 LR 1, 04/15/98 AB 2, 04/19/98 JL&TD 5, 04/21/98 JI 1, 04/27/98 TD 3, 04/27/98 RS 4, 04/29/98 LR 3, 04/29/98 RS 6, 04/29/98 RS 4, 04/29/98 CL&RS 4,
	04/30/98 LR 2, 05/01/98 J&JT 3, 05/01/98 CL&RS 20, 05/02/98 CL,J&JT 25, 05/02/98 JH&SH 1, 05/03/98 RS 2, 05/03/98 RS 1, 05/03/98 JJ&KT 4, 05/03/98 J&JT
	3, 05/03/98 CL,BW&SD 10, 05/04/98 H&PH 4, 05/04/98 CL&HJ 4, 05/04/98 L&AR 1, 05/06/98 RS 12, 05/06/98 PLH&AMS 1, 05/08/98 ILI 1, 05/09/98 ILI 1,
	05/09/98 H&PH&RB 20, 05/09/98 JLI 2, 05/09/98 JLI 1, 05/09/98 H&PH&RB 11, 05/09/98 SH,PL&BW 4, 05/09/98 JLI 1, 05/09/98 JLI 1, 05/09/98 JLI 1, 05/09/98 JLI 2,
	JLI 1, 05/09/98 JLI 2, 05/09/98 JLI 2, U5/09/98 LIK 2, 05/09/98 LIK 3, U5/09/98 LIK 3, U5/09/98 LIK 3, U5/09/98 CLÆLR 5,
	1. 05/09/98 MH&TD 2, 05/09/98 JJ&KT 10, 05/09/98 MH&TD 2, 05/10/98 J&JT 2, 05/11/98 RS 6, 05/16/98 JJ&TD 2, 05/16/98 JJ&KT 10, 05/09/98 MH&TD 2, 05/10/98 J&JT 2, 05/16/98 JJ&KT 10, 05/09/98 MH&TD 2, 0
American Crow	04/19/98 IL&TD 1, 04/27/98 RS 6, 04/29/98 LR 2, 04/29/98 RS 5, 04/29/98 CL&RS 4, 05/01/98 J&JT 4, 05/01/98 CL&RS 10, 05/02/98 CLJ&IT 20, 05/02/98
	JH&SH 1, 05/02/98 E&SH 6, 05/03/98 RS 1, 05/03/98 RS 1, 05/03/98 J,J&KT 6, 05/03/98 CL,BW&SD 6, 05/03/98 J&JT 6, 05/04/98 CL&HJ 10, 05/04/98 L&AR 1,
	05/06/98 RS 6, 05/06/98 ILI 1, 05/06/98 PLH&AMS 2, 05/09/98 ILI 2, 05/09/98 SH,PL&BW 25, 05/09/98 ILI 1, 05/09
	05/09/98 H&PH&RB 11, 05/09/98 IL1 2, 05/09/98 IL1 2, 05/09/98 IL1 2, 05/09/98 IL1 4, 05/09/98 IL1 1, 05/09/98
	05/09/98 LR 1, 05/09/98 PD 20, 05/09/98 CL&LR 4, 05/09/98 MA&TD 1, 05/09/98 MA&TD 3, 05/09/98 CL&LR 10, 05/09/98 MA&TD 27,
	05/09/98 MH&TD 1, 05/09/98 J,J&KT 15, 05/10/98 CL 12, 05/10/98 J&JT 4, 05/11/98 RS 2, 05/23/98 LMH 3, 05/23/98 BSG 2
Fish Crow	04/19/98 JI&TD 1, 04/27/98 TD 2, 04/29/98 LR 1, 04/29/98 RS 6, 05/01/98 J&JT 1, 05/02/98 CL,J&JT 10, 05/02/98 E&SH 1, 05/03/98 RS 1, 05/03/98 RS 2,
	05/03/98 J&JT 2, 05/03/98 CL,BW&SD 3, 05/04/98 CL&HJ 4, 05/06/98 PLH&AMS 5, 05/09/98 LRR 1, 05/09/98 RS 14, 05/09/98 RS 7, 05/09/98 CL&LR 5,
	05/09/98 RS 8, 05/09/98 PD 11, 05/09/98 JLI 8, 05/09/98 SH,PL&BW 1, 05/09/98 JLI 4, 05/09/98 JLI 3, 05/09/98 JLI 1, 05/09/98 CL&LR 6, 05/09/98 JJ&KT 4, 05/11/98 RS 8, 05/16/98 J&TD 1, 05/23/98 BSG 1
Horned Lark	05/09/88 MH&TD 4
Purple Martin	03/27/98 JH&SH 30, 04/19/98 JJ&TD 10, 04/27/98 TD 3, 04/29/98 RS 14, 04/29/98 CL&RS 10, 05/01/98 J&JT 25, 05/01/98 CL&RS 50, 05/02/98 CL,J&JT 50,
-	05/02/98 JH&SH 2, 05/02/98 E&SH 1, 05/03/98 RS 1, 05/03/98 JJ&KT 8, 05/03/98 JBJT 4, 05/03/98 CL,BW&SD 15, 05/04/98 CL&HJ 25, 05/04/98 L&AR 1,
	05/06/98 RS 9, 05/06/98 PLH&AMS 11, 05/09/98 JLI 7, 05/09/98 JLI 25, 05/09/98 H&PH&RB 18, 05/09/98 JLI 3, 05/09/98 JLI 4, 05/09/98
	SH.PL&BW 9, 05/09/98 ILI 10, 05/09/98 RS 10, 05/09/98 RS 30, 05/09/98 H&PH&RB 10, 05/09/98 CL&LR 4, 05/09/98 PD 75, 05/09/98 PD 25, 05/09/98 LR 2, 05/09/98 CL&LR 3, 05/09/98 RS 28, 05/09/98 CL&LR 25, 05/09/98 MH&TD 3, 05/09/98 JJ&KT 22, 05/09/98 MH&TD 3, 05/10/98 CL 30, 05/10/98 ILI 4,
	05/11/98 RS 20, 05/16/98 JI 12, 05/16/98 JI ETD 6, 05/23/98 LMH 5
Tree Swallow	04/17/98 PD 300, 05/09/98 H&PH&RB 4, 05/09/98 CL&LR 1, 05/09/98 CL&LR 1
Northern Rough-winged Swallow	04/17/98 PD 120, 05/02/98 CL_J&JT 2, 05/04/98 CL&HJ 2, 05/06/98 RS 2, 05/06/98 CL_PD&HJ 2, 05/09/98 H&PH&RB 2, 05/09/98 RS 2, 05/09/98 CL&LR 8,
	05/09/98 PD 10, 05/09/98 RS 8, 05/09/98 RS 2, 05/09/98 MH&TD 5, 05/09/98 MH&TD 7, 05/09/98 CL&LR 8, 05/10/98 CL 12
Bank Swallow	04/17/98 PD 2, 05/09/98 PD 31, 05/10/98 CL 2 05/02/98 CL,J&JT 15, 05/03/98 J,J&KT 2, 05/09/98 PD 5, 05/09/98 CL&LR 2, 05/09/98 SH,PL&BW 20, 05/09/98 CL&LR 2, 05/09/98 MH&TD 40, 05/10/98 CL 4
Cliff Swallow Barn Swallow	05/02/98 LL_J&II 15, 05/03/98 J,&K I Z, 05/05/98 PL 3, 05/05/98 LL&R Z, 05/05/98 S1, FL&BW 2, 05/05/98 RS 1, 05/03/98 RS 3, 05/03/98 LB,W&SD 4, 04/17/98 PD IB,0 04/25/98 CL&RS 2, 05/01/98 CL&RS 10, 05/02/98 CLJ&II 25, 05/03/98 RS 1, 05/03/98 RS 3, 05/03/98 CLB,W&SD 4, 05/03/98 RS 1, 05/03/98 RS 1, 05/03/98 RS 3, 05/03/98 CLB,W&SD 4, 05/03/98 RS 1, 05/03/98 RS 1, 05/03/98 RS 3, 05/03/98 RS 1, 0
	05/04/98 CL&Hj 30, 05/06/98 CL,PD&Hj 2, 05/06/98 PLH&AMS 4, 05/09/98 CL&LR 3, 05/09/98 PD 15, 05/09/98 H&PH&RB 10, 05/09/98 CL&LR 3, 05/09/98
	RS 10, 05/09/98 PD 33, 05/09/98 RS 8, 05/09/98 H&PH&RB 23, 05/09/98 RS 18, 05/09/98 RS 20, 05/09/98 ILI 1, 05/09/98 ILI 22, 05/09/98 ILI 3, 05/09/98 ILI 18,
	05/09/98 JLI 3, 05/09/98 JLI 3, 05/09/98 JLI 10, 05/09/98 JLI 13, 05/09/98 JLI 14, 05/09/98 JLI 14, 05/09/98 JLI 3, 05/09/98 JLI 11, 05/09/98 JLI 3, 05/09/98
	05/09/98 ILI 10, 05/09/98 SH,PL&BW 25, 05/09/98 ILI 3, 05/09/98 MH&TD 15, 05/09/98 MH&TD 2, 05/09/98 CL&LR 20, 05/09/98 MH&TD 14, 05/09/98 JJ&KT 9, 05/09/98 MH&TD 2, 05/09/98 MH&TD 1, 05/10/98 CL 15, 05/11/98 RS 7, 05/23/98 BSG 2
Carolina Chickadee	JJAKKI 9, USUSY98 MIRKE UZ, USUSY98 MIRKE DI 1, USI (USP8 CL 13, USI 1198 RS 3, USI 2398 RS 3, U
Caronna Cinckadee	CLERS 10, 05/01/98 J&TT 6, 05/02/98 CL_J&JT 14, 05/02/98 E&SH 1, 05/03/98 RS 1, 05/03/98 B&JT 2, 05/03/98 CL_BW&SD 10, 05/03/98 LJ&KT
	3, 05/04/98 CL&HI 6, 05/04/98 H&PH 2, 05/04/98 L&AR 1, 05/06/98 RS 1, 05/06/98 PLH&AMS 2, 05/09/98 RS 18, 05/09/98 RS 4, 05/09/98 CL&LR 3, 05/09/98
	RS 14, 05/09/98 LRR 13, 05/09/98 CL&LR 3, 05/09/98 RS 5, 05/09/98 CL&LR 12, 05/09/98 H&PH&RB 2, 05/09/98 RS 15, 05/09/98 H&PH&RB 11, 05/09/98 PD
	2, 05/09/98 PD 11, 05/09/98 LR 2, 05/09/98 ILI 3, 05/09/98 ILI 1, 05/09/98 ILI 2, 05/09/98 ILI 1, 05/09/98 ILI 1, 05/09/98 ILI 1, 05/09/98 SH,PL&BW 3, 05/09/98 MH&TD 2, 05/09/98 MH&TD 1, 05/09/98 CL&LR 12, 05/09/98 MH&TD 7, 05/09/98 J,&KT 22, 05/10/98 J&IT 4, 05/11/98 RS 5, 05/16/98 J,&TD 2, 05/23/98 LMH 1,
	05/09/98 MH&TD 1, 05/09/98 CL&LR 12, 05/09/98 MH&TD 7, 05/09/98 J, J&KT 22, 05/10/98 J&JT 4, 05/11/98 KS 5, 05/16/98 JI&TD 2, 05/23/98 LMH 1, 05/23/98 BSG 1, 05/23/98 BSG 1
Tufted Titmouse	04/15/98 AB 2, 04/27/98 RS 1, 04/29/98 RS 2, 04/29/98 LR 5, 04/29/98 CL&RS 2, 04/30/98 LR 2, 05/01/98 J&JT 3, 05/01/98 CL&RS 3, 05/02/98 CL,J&JT 4,
	05/03/98 RS 1, 05/03/98 CL,BW&SD 2, 05/04/98 CL&HI 2, 05/06/98 PLH&AMS 1, 05/09/98 PD 5, 05/09/98 RS 1, 05/09/98 CL&LR 7, 05/09/98 RS 3, 05/09/98
	LRR 1, 05/09/98 RS 7, 05/09/98 LRR 6, 05/09/98 LR 3, 05/09/98 CL&LR 1, 05/09/98 RS 8, 05/09/98 CL&LR 3, 05/09/98 H&PH&RB 6, 05/09/98 RS 1, 05/09/98
	HÆPHÆRB 6, 05/09/98 J.J. 1, 05/09/98 KHPLÆBW 3, 05/09/98 J.I. 1, 05/09/98 MHÆTD 1, 05/09/98 MHÆTD 1, 05/09/98 JJÆKT 17, 05/09/98 MHÆTD 2, 05/09/98 MHÆTD 2, 05/09/98 JJÆKT 17, 05/09/98 JJÆKT 17, 05/09/98 JJÆKT 17, 05/09/98 JJÆKT 18, 05/09/98
Red-breasted Nuthatch	05/09/98 CL&LR 6, 05/10/98 J&IT 7, 05/10/98 J,I&KT 1, 05/11/98 RS 1, 05/16/98 J&TD 2, 05/23/98 LMH 1, 05/23/98 BSG 1, 05/23/98 BSG 1 05/04/98 H&PH 2
White-breasted Nuthatch	03/04/98 H&FH 2 04/27/98 RS 4, 04/29/98 LR 2, 05/09/98 RS 2, 05/09/98 LRR 1, 05/09/98 CL&LR 1, 05/09/98 LRR 1, 05/09/98 J,&KT 1, 05/09/98 CL&LR I
Brown-headed Nuthatch	05/09/98 RS 9, 05/09/98 CL&LR 5, 05/09/98 RS 8, 05/09/98 J.J&KT 5, 05/09/98 CL&LR 5
Brown Creeper	04/15/98 AB I
Carolina Wren	04/27/98 TD 2, 04/29/98 RS 5, 04/29/98 CL&RS 3, 04/30/98 LR 1, 05/01/98 LKT1, 05/01/98 LKRS 8, 05/02/98 CL, J&T 5, 05/02/98 H&SH 1, 05/03/98 RS 1,
	05/03/98 RS 1, 05/03/98 I&TT 1, 05/03/98 J,I&KT 1, 05/03/98 CL,BW&SD 3, 05/04/98 CL&HJ 3, 05/04/98 H&PH 1, 05/04/98 L&AR 4, 05/05/98 RS 2, 05/06/98 PLH&AMS 1, 05/09/98 RS 4, 05/09/98 CL&LR 6, 05/09/98 PD 12, 05/09/98 LR 1, 05/09/98 LRR 5, 05/09/98 SH,PL&BW 1, 05/09/98 RS 2, 05/09/98 H&PH&RB
	PLIKAMS I, 03/09/98 R.R. I, 05/09/98 LR. II 05
	MH&TD 1, 05/09/98 CL&LR 8, 05/09/98 J,J&KT 13, 05/09/98 MH&TD 4, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1, 05/10/98 J&JT 1, 05/11/98 RS 3, 05/16/98
	II&TD 2, 05/16/98 II&TD 1, 05/23/98 LMH 2, 05/23/98 BSG 2, 05/23/98 BSG 1

Common Name	Data
House Wren	04/15/98 AB 1, 04/19/98 JI&TD 2, 04/25/98 T&SD 1, 05/02/98 CL, J&JT 1, 05/02/98 TD 1, 05/02/98 TD 1, 05/04/98 TD 1
Winter Wren	04/29/98 RS 1
Sedge Wren	05/01/98 TD 1, 05/02/98 TD 2, 05/02/98 CL, J&JT 2
Marsh Wren Ruby-crowned Kinglet	04/27/98 TD 3, 04/29/98 T&SD 3, 05/02/98 CL,J&IT 2, 05/04/98 CL&HJ I 04/29/98 RS 2, 04/29/98 CL&RS 2, 05/01/98 CL&RS 1, 05/02/98 CL,J&JT 3, 05/03/98 CL,BW&SD 2, 05/03/98 J&JT 3, 05/09/98 J,J&KT 1, 05/11/98 RS 2
Blue-gray Gnatcatcher	04/16/98 LR 1, 04/19/98 JÆTD 6, 04/25/98 TÆSD 3, 04/27/98 TD 2, 04/29/98 LR 3, 04/29/98 RS 8, 04/29/98 CL&RS 1, 04/30/98 LR 2, 05/01/98 CL&RS 1,
	05/02/98 CL,J&IT 10, 05/03/98 RS 2, 05/03/98 RS 2, 05/03/98 CL,BW&SD 1, 05/04/98 H&PH 1, 05/04/98 CL&HJ 4, 05/09/98 LR 10, 05/09/98 LRR 3, 05/09/98
	PD 7, 05/09/98 CL&LR 14, 05/09/98 CL&LR 2, 05/09/98 CL&LR 4, 05/09/98 RS 5, 05/09/98 RS 3, 05/09/98 PD 1, 05/09/98 RS 4, 05/09/98 CL&LR 2, 05/09/98 RS 6, 05/09/98 IL1 2, 05/09/98 IL1 2, 05/09/98 MH&TD 1, 05/23/98 BSG 1, 05
	0, 03/03/36 Hal 2, 03/03/36 Hal 2, 03/03/36 Halle ID 2, 03/03/36 Halle ID 1, 03/23/36 Halle I
Eastern Bluebird	04/29/98 CL&RS 2, 04/30/98 LR 2, 05/01/98 J&JT 2, 05/02/98 CL,J&JT 12, 05/04/98 CL&HJ 2, 05/06/98 PLH&AMS 4, 05/09/98 RS 12, 05/09/98 H&PH&RB 9,
	05/09/98 PD 2, 05/09/98 RS 4, 05/09/98 RS 4, 05/09/98 H&PH&RB 27, 05/09/98 CL&LR 2, 05/09/98 PD 10, 05/09/98 SH,PL&BW 17, 05/09/98 RS 8, 05/09/98 CL&LR 8, 05/09/98 JLI 1, 05/09/98 JLI 1, 05/09/98 JLI 2, 05/09/98 JLI 3, 05/
	05/09/98 J.J&KT 5, 05/09/98 CL&LR 5, 05/10/98 J&TT 1, 05/11/98 RS 6
Veery	04/29/98 RS 1, 04/29/98 TD 1, 05/08/98 TD 1
Gray-cheeked Thrush	05/02/98 TD 2, 05/02/98 TD 2, 05/02/98 CL,I&IT 2, 05/03/98 CL,BW&SD 2, 05/03/98 J&IT 1, 05/03/98 TD 1, 05/03/98 TD 2, 05/04/98 TD 2, 05/05/98 TD 2,
Swainson's Thrush	05/05/98 TD 1 04/19/98 PD 1, 04/24/98 TD 2, 04/24/98 TD 2, 04/25/98 T&SD 3, 04/29/98 RS 4, 04/29/98 TD 2, 04/29/98 CL&RS 3, 04/30/98 TD 2, 04/30/98 TD 8, 05/01/98
Swamson's Linusin	E&SH 1, 05/01/98 CL&RS 1, 05/02/98 CL_J&JT 3, 05/02/98 TD 3, 05/03/98 TD 4, 05/03/98 CL_BW&SD 6, 05/04/98 H&PH 1, 05/05/98 TD 1,
	05/08/98 TD 1, 05/09/98 MH&TD 1, 05/09/98 PD 1, 05/09/98 RS 1, 05/12/98 TD 6
Wood Thrush	04/17/98 PD 1, 04/19/98 J&TD 1, 04/23/98 LR 1, 04/29/98 RS 2, 04/29/98 TD 3, 05/02/98 TD 3, 05/03/98 CL,BW&SD 1, 05/03/98 J&JT 1, 05/09/98 H&PH&RB 1, 05/09/98 RS 1, 05/09/98 RS 1, 05/09/98 RS 1, 05/09/98 LR 1, 05/09/
American Robin	03/03/98 AB 5, 04/19/98 IJ&TD 3, 04/27/98 RS 6, 04/29/98 RS 19, 04/29/98 RS 1, 04/29/98 CL&RS 2, 05/01/98 J&T 2, 05/01/98 CL&RS 12, 05/02/98 CL_J&JT
	12, 05/02/98 JH&SH 1, 05/02/98 E&SH 2, 05/03/98 RS 2, 05/03/98 RS 1, 05/03/98 B&JT 5, 05/03/98 CL,BW&SD 10, 05/03/98 J,B&KT 2, 05/04/98 L&AR 1,
	05/06/98 RS 14, 05/09/98 RS 10, 05/09/98 LRR 6, 05/09/98 SH.PL&BW 1, 05/09/98 RS 9, 05/09/98 H&PHÆRB 8, 05/09/98 RS 5, 05/09/98 RC &L&LR 1, 05/09/98 RS
	14, 05/09/98 JLI 4, 05/09/98 JLI 2, 05/09/98 JLI 4, 05/09/98 JLI 3, 05/09/98 CL&LR 1, 05/09/98 JJ&KT 21, 05/10/98 JLI 2, 05/11/98 RS 6, 05/16/98 JA&TD 3, 05/16/98 JA&TD 4, 05/23/98 LMH 1
Gray Catbird	04/19/98 J&TD 1, 04/24/98 TD 1, 04/28/98 TD 7, 04/29/98 CL&RS 6, 04/29/98 RS 1, 04/29/98 RS 18, 04/30/98 TD 7, 04/30/98 TD 5, 05/01/98 TD 8, 05/01/98
	CL&RS 12, 05/01/98 J&JT 2, 05/02/98 CLJ&JT 16, 05/02/98 TD 9, 05/02/98 TD 12, 05/03/98 TD 10, 05/03/98 TD 22, 05/03/98 CLJBW&SD 8, 05/03/98 RS 1,
	05/03/98 RS 2, 05/04/98 L&AR 1, 05/04/98 H&PH 1, 05/04/98 CL&HJ 5, 05/04/98 TD 20, 05/06/98 RS 3, 05/09/98 PD 2, 05/09/98 RS 2, 05/09/98 PD 1, 05/09/98 TL 1, 05/09/98 HD 1
Northern Mockingbird	ILI 1, 05/09/98 ILI 2, 05/09/98 ILI 1, 05/09/98 J,L&KT 1 04/15/98 AB 5, 04/19/98 IL&TD 2, 04/27/98 TD 2, 04/27/98 RS 2, 04/29/98 RS 2, 04/29/98 RS 5, 04/29/98 CL&RS 2, 05/01/98 L&TT 1, 05/01/98 CL&RS 4,
	05/02/98 CL,J&JT 12, 05/02/98 JH&SH 1, 05/03/98 RS 1, 05/03/98 RS 3, 05/03/98 CL,BW&SD 6, 05/03/98 J&JT 1, 05/03/98 JJ&KT 1, 05/04/98 CL&HJ 8,
	05/06/98 RS 5, 05/06/98 PLH&AMS 11, 05/09/98 LRR 2, 05/09/98 H&PH&RB 16, 05/09/98 RS 9, 05/09/98 SH,PL&BW 3, 05/09/98 RS 12, 05/09/98 PD 2,
	05/09/98 RS 6, 05/09/98 SH,PL&BW 14, 05/09/98 CL&LR 3, 05/09/98 PD 5, 05/09/98 RS 4, 05/09/98 RS 18, 05/09/98 H&PH&RB 50, 05/09/98 PD 4, 05/09/98 ILI 1, 05/09/98 LI 2, 05/09/98 ILI 12, 05/09/98
	2, 05/09/98 ILI 4, 05/09/98 ILI 1, 05/09/98 ILI 2, 05/09/98 ILI 1, 05/09/98 ILI 2, 05/09/98 IL
	05/09/98 MH&TD 2, 05/09/98 MH&TD 2, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1, 05/09/98 MH&TD 2, 05/09/98 JJ&KT 24, 05/10/98
Brown Thrasher	J,I&KT 1, 05/10/98 ILI 1, 05/11/98 RS 7, 05/16/98 II 3, 05/16/98 II&TD 4, 05/23/98 LMH 1 04/15/98 AB 2, 04/19/98 II&TD 4, 04/27/98 RS 1, 04/29/98 RS 4, 04/29/98 RS 1, 04/29/98 CL&RS 1, 05/01/98 CL&RS 8, 05/02/98 CL,J&IT 8, 05/02/98 IH&SH 1,
Blown Tillastici	05/03/98 CL,BW&SD 2, 05/03/98 RS 1, 05/06/98 RS 2, 05/09/98 H&PH&RB 4, 05/09/98 RS 2, 05/09/98 RS 3, 05/09/98 RS 3, 05/09/98 RS 2, 05/09/98 RS 2, 05/09/98 RS 2, 05/09/98 RS 3, 05/09/98 R
	4, 05/09/98 PD 1, 05/09/98 LRR 2, 05/09/98 RS 2, 05/09/98 JLI 1, 05/09/98 MH&TD 5, 05/09/98 MH&TD 2, 05/09/98 JJ&KT 4, 05/11/98 RS 5, 05/16/98 JI 1,
T	05/16/98 II&TD 1, 05/23/98 LMH 2
European Starling	04/15/98 AB 5, 04/21/98 II 4, 04/29/98 RS 26, 04/29/98 CL&RS 6, 05/01/98 I&IT 3, 05/01/98 CL&RS 25, 05/02/98 CL_J&IT 40, 05/02/98 E&SH 6, 05/03/98 RS 1, 05/03/98 RS 18, 05/03/98 J&IT 10, 05/03/98 J&IT 10, 05/03/98 J&IT 10, 05/03/98 J&IT 10, 05/03/98 I&I 3, 05/03/98 RS 38, 05/09/98 H&PH&RB 10,
	05/09/98 H&PH&RB 8, 05/09/98 ILI 1, 05/09/98 ILI 5, 05/09/98 RS 14, 05/09/98 RS 7, 05/09/98 RS 15, 05/09/98 CL&LR 1, 05/09/98 SH,PL&BW 9, 05/09/98 PD
	25, 05/09/98 JLI 3, 05/09/98 JLI 14, 05/09/98 JLI 4, 05/09/98 JLI 2, 05/09/98 JLI 12, 05/09/98 JLI 12, 05/09/98 JLI 12, 05/09/98 JLI 5, 05/09/98 JLI 5, 05/09/98 JLI 6, 05/09/98 JLI 12, 05/09/98 JLI 12, 05/09/98 JLI 12, 05/09/98 JLI 13, 05/09/98 JLI 14, 05/09/98 JLI 14, 05/09/98 JLI 12, 05/09/98 JLI 14, 05/09/98 JLI 15, 05/09/98 JLI 15, 05/09/98 JLI 15, 05/09/98 JLI 16, 05/09/98 JLI
American Pipit	J,I&KT 13, 05/10/98 JL14, 05/11/98 RS 18, 05/16/98 J.&TD 10, 05/20/98 LMH 2, 05/23/98 LMH 19 05/01/98 PD 1, 05/09/98 CL&LR 1, 05/09/98 CL&LR 1
Cedar Waxwing	04/19/98 J&TD 2, 04/24/98 TD 6, 04/27/98 TD 50, 04/29/98 RS 28, 04/29/98 CL&RS 5, 05/01/98 CL&RS 10, 05/02/98 CL,J&JT 6, 05/03/98 CL,BW&SD 2,
	05/04/98 CL&HJ 12, 05/09/98 H&PH&RB 12, 05/09/98 LR 10, 05/09/98 PD 14, 05/09/98 PD 10, 05/09/98 JLI 27, 05/09/98 JJ&KT 35, 05/12/98 TD 75, 05/16/98 J
Blue-winged Warbler	4 04/29/98 RS 1, 04/30/98 TD 1, 05/05/98 TD 1, 05/09/98 RS 1
Golden-winged Warbler	05/09/98 PD 1, 05/09/98 H&PH&RB I
Tennessee Warbler	04/19/98 J&TD 1, 04/24/98 TD 2, 04/24/98 TD 1, 04/24/98 TD 3, 04/25/98 T&SD 4, 04/27/98 TD 2, 04/27/98 RS 2, 04/28/98 TD 8, 04/29/98 RS 8, 04/29/98 RS 2.
	04/29/98 T&SD 4, 04/29/98 CL&RS 11, 04/30/98 LR 2, 04/30/98 TD 5, 04/30/98 TD 5, 04/30/98 TD 5, 05/01/98 TD 5, 05/01/98 TD 5, 05/01/98 TD 5, 05/01/98 TD 3, 05/02/98 TD 3,
	5, 05/03/98 CL_BW&SD 10, 05/04/98 CL&HJ 9, 05/04/98 TD 3, 05/04/98 TD 3, 05/05/98 TD 3, 05/08/98 TD 2, 05/09/98 JA&KT 7, 05/09/98 MH&TD 7, 05/09/98
	CL&LR 6, 05/09/98 MH&TD 2, 05/09/98 MH&TD 1, 05/09/98 H&PH&RB 5, 05/09/98 PD 1, 05/09/98 II 1, 05/09/98 RS 3, 05/09/98 RS 2, 05/09/98 CL&LR 9,
O	05/09/98 JL1 2, 05/11/98 RS 2, 05/16/98 JL&TD 1, 05/16/98 JI 1
Orange-crowned Warbler Nashville Warbler	05/09/98 J,I&KT 1 04/24/98 TD 2, 04/28/98 TD 3, 04/29/98 TD 7, 04/29/98 T&SD 2, 04/29/98 CL&RS 4, 04/29/98 RS 2, 04/30/98 TD 3, 04/30/98 TD 5, 05/01/98 J&JT 1, 05/02/98
110011110	CLJ&JT 3, 05/02/98 TD 1, 05/03/98 TD 1, 05/03/98 TD 2, 05/03/98 TD 2, 05/03/98 CL,BW&SD 2, 05/03/98 RS 1, 05/04/98 CL&HJ 2, 05/04/98 PD 1, 05/05/98 TD 3, 05/08/98 TD
	1, 05/09/98 J,J&KT 7, 05/09/98 RS 1
Northern Parula	04/19/98 PD 1, 04/24/98 TD 2, 04/25/98 T&SD 1, 04/29/98 LR 1, 04/30/98 LR 2, 05/02/98 CL,J&JT 2, 05/03/98 TD 4, 05/03/98 RS 1, 05/03/98 RS 4, 05/09/98 CL&LR 1, 05/09/98 CL&LR
	CL&LR 7, 05/09/98 MH&TD 1, 05/10/98 J&JT 5, 05/11/98 RS 1, 05/23/98 BSG 1, 05/23/98 BSG 1
Yellow Warbler	04/27/98 RS 1, 04/27/98 TD 1, 04/29/98 T&SD 1, 05/04/98 CL&HJ 1, 05/09/98 LRR 1, 05/09/98 CL&LR 5, 05/09/98 CL&LR 2, 05/09/98 JLI 1, 05/09/98
	H&PH&RB 1, 05/09/98 H&PH&RB 3, 05/09/98 SH,PL&BW 1, 05/09/98 PD 3, 05/09/98 ILI 1, 05/09/98 ILI 1, 05/09/98 ILI 1, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1, 05/09/98 MH&TD 2, 05/09/98 H&PH 2, 05/16/98 H&PH 2, 05/16/98 I&TD 1
Chestnut-sided Warbler	MINE 1D . 5, 007978 CLEAK 1, VOINTS WHIRE 1D . 5, 007978 WHIRE 1D . 5, 007978 E. T. 1, 05/03798 RS 4, 04/30/98 TD 1, 05/02/98 TD 1, 05/02/98 TD 1, 05/03/98 I&T 1, 05/03/98 LZ BW&SD 2, 05/03/98 TD 2, 05/04/98 TD 2, 05/04/98 TD 1, 05/03/98 TD 1, 05/03/98 I&T 1, 05/03/98 CL_BW&SD 2, 05/03/98 TD 2, 05/04/98 TD 2, 05/04/98 TD 1, 05/03/98 T
Charles March Waller	05/09/98 CL&LR 1, 05/09/98 H&PH&RB 2, 05/09/98 LRR 1, 05/09/98 RS 3, 05/09/98 JJ&KT 1, 05/09/98 MH&TD 2, 05/09/98 CL&LR 2, 05/09/98 MH&TD 1,
	05/10/98 H&PH 4, 05/16/98 N&TD 1
Magnolia Warbler	04/29/98 CL&RS 2, 05/01/98 CL&RS 2, 05/02/98 CL, J&JT 3, 05/02/98 TD 1, 05/03/98 J&JT 1, 05/03/98 CL, BW&SD 1, 05/04/98 TD 1, 05/05/98 TD 2, 05/06/98 RS 1, 05/09/98 LR 3,
	05/09/98 MH&TD 2, 05/09/98 MH&TD 1, 05/16/98 JI&TD 6
Yellow-rumped Warbler	04/15/98 AB 5, 04/19/98 JL&TD 15, 04/21/98 PD 3, 04/25/98 T&SD 7, 04/27/98 TD 35, 04/29/98 CL&RS 12, 05/01/98 CL&RS 6, 05/02/98 CL,J&JT 5, 05/02/98
Black throated Green Warhler	E&SH 1, 05/03/98 CL,BW&SD 4, 05/04/98 TD 1, 05/09/98 RS 1, 04/24/98 TD 1, 04/25/98 T&SD 2, 04/29/98 TD 3, 04/29/98 CL&RS 1, 04/30/98 LR 1, 04/30/98 TD 2, 04/30/98 TD 3, 05/02/98 TD 1, 05/03/98 I&IT 2, 05/03/98 TD
Black-throated Green Warbler	04/24/96 ID 1, 04/25/96 ISSD 2, 04/25/96 ID 3, 04/25/96 LERS 1, 04/30/96 IE, 04/30/96 ID 2, 05/25/96 PD 2, 05/04/98 CL&ID 1, 05/05/98 H&PH&RB 4, 05/05/98 RS 1, 05/05/98 CL&IR 2, 05/05/98 PD 1, 05/05/98 CL&IR 2, 05/05/98 H&PH&RB 4, 05/05/98 RS 1, 05/05/98 CL&IR 2, 05/05/98 PD 1, 05/05/98 PD 2, 05/05/98 PD
	05/09/98 J,J&KT 8, 05/10/98 H&PH 3, 05/16/98 IJ&TD 1
Blackburnian Warbler	04/27/98 TD 1, 05/03/98 TD 1, 05/03/98 CL,BW&SD 1, 05/04/98 TD 1, 05/09/98 CL&LR 1, 05/09/98 H&PH&RB 2, 05/09/98 J,J&KT 4, 05/09/98 MH&TD 2, 05/09/98 CL&LR 1
Yellow-throated Warbler	05/09/98 CL&LR 4/27/98 TD 04/29/98 RS 2, 05/02/98 CL,J&JT 2, 05/04/98 CL&HJ 3, 05/09/98 CL&LR 0.5/09/98 CL&LR 1, 05/09/98 RS 2, 05/09/98 CL&LR 2, 05/09/98 RS
	1, 05/09/98 CL&LR 10, 05/09/98 J,&KT 8, 05/10/98 J&IT 3, 05/11/98 RS 1, 05/23/98 BSG 1
Pine Warbler	04/27/98 RS 3, 04/29/98 LR 2, 05/02/98 CL,J&JT 6, 05/03/98 RS 2, 05/03/98 RS 6, 05/04/98 H&PH 3, 05/09/98 CL&LR 4, 05/09/98 PD 14, 05/09/98 RS 5,
	05/09/98 LRR 4, 05/09/98 ILI 1, 05/09/98 RS 14, 05/09/98 RD 2, 05/09/98 SH,PL&BW 1, 05/09/98 RS 5, 05/09/98 H&PH&RB 3, 05/09/98 LRR 1, 05/09/98 CL&LR 3, 05/09/98 RS 6, 05/09/98 CL&LR 7, 05/09/98 RS 9, 05/09/98 ILI 1, 05/09/98 ILI 1, 05/09/98 CL&LR 8, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1,
	CLELK 3, 03/09/98 R3 6, 03/09/98 CLELK 7, 03/09/98 R3 9, 03/09/98 JLL 1, 03/09/98 JLL 1, 03/09/98 MH&TD 1, 03/09/98 MH&T
Prairie Warbler	04/24/98 TD 4, 04/27/98 TD 1, 04/29/98 CL&RS 1, 04/30/98 TD 1, 05/09/98 CL&LR 2, 05/09/98 J,J&KT 1, 05/09/98 CL&LR 2, 05/23/98 BSG 1, 05/23/98 BSG 3
Palm Warbler	04/29/98 RS 1 05/08/98 TD 1, 05/09/98 J,I&KT 3, 05/09/98 PD 2, 05/09/98 H&PH&RB 2, 05/10/98 J&JT 1
Bay-breasted Warbler	ו 1 1787 פאוראונט או או אויינען פאוראונט אויינען פאוראונען אויינען אויינען אויינען פאוראונען פאוראונען אויינען פאוראונען פאוראינען פאוראונען פאוראונען פאוראונען פאוראינען פאוראינען פאוראיינען פאוראינען פאראינען פאראיינען פאראיינען פאראינען פאראיינען פאראיינען פאראיינען פאראיינען פאראיינען פאראיינען אייייען פאראיינען פאראיינען פאראיינען פאראיינען פאראיינען פאראיינען איייען אייינען איייען איי

Common Name	Data
Blackpoll Warbler	04/29/98 CL&RS 1, 04/29/98 RS 1, 04/29/98 T&SD 1, 04/30/98 TD 1, 05/01/98 TD 1, 05/01/98 TD 1, 05/08/98 PD 2, 05/09/98 MH&TD 2, 05/09/98 MH&TD 2, 05/09/98 MH&TD
•	1
Cerulean Warbler	05/03/98 TD 1 04/19/98 PD 1, 04/25/98 T&SD 2, 04/28/98 TD 2, 04/29/98 RS 4, 04/29/98 LR 2, 04/30/98 LR 2, 04/30/98 TD 2, 05/01/98 TD 3, 05/01/98 J&JT 1, 05/01/98 CL&RS
Black-and-white Warbler	1, 05/02/98 CL_38/T 3, 05/03/98 RS 2, 05/03/98 TD 3, 05/04/98 TD 8, 05/05/98 TD 3, 05/06/98 TD 3, 05/06/98 TD 3, 05/06/98 TD 3, 05/06/98 RS 1, 05/06/98 RS 1, 05/06/98 RS 3, 05/06/98 RS 3
	2, 05/09/98 RS 1, 05/09/98 PD 1, 05/09/98 H&PH&RB 2, 05/09/98 CL&LR 4, 05/09/98 RS 1, 05/09/98 MH&TD 2, 05/09/98 CL&LR 3, 05/09/98 MH&TD 1.
•	05/09/98 I,J&KT 3, 05/11/98 RS 1, 05/23/98 BSG 1
American Redstart	04/29/98 RS 3, 04/29/98 CL&RS 3, 05/01/98 CL&RS 1, 05/02/98 CL,J&JT 1, 05/03/98 TD 1, 05/05/98 TD 3, 05/06/98 RS 2, 05/08/98 TD 4, 05/09/98 MH&TD 1
	05/09/98 MH&TD 2, 05/09/98 MH&TD 2, 05/09/98 H&PH&RB 4, 05/10/98 ILI 1, 05/10/98 J&JT 1, 05/16/98 JI&TD 5
Prothonotary Warbler	04/03/98 PD 1, 04/19/98 PD 1, 04/29/98 CL&RS 2, 04/30/98 TD 1, 05/01/98 TD 2, 05/02/98 CL,J&JT 3, 05/03/98 RS 3, 05/03/98 RS 2, 05/04/98 CL&HJ 6 05/09/98 JL1 1, 05/09/98 RS 2, 05/09/98 RS 3, 05/09/98 JL1 1, 05/09/98 LL 2, 05/09/98 LR 7, 05/09/98 CL&LR 1, 05/09/98 JL1 1, 05/09/98 RS
	1, 05/09/98 CL&LR 13, 05/09/98 S.P,PL&BW 2, 05/09/98 RS 14, 05/09/98 LL3, 03/09/98 CL&LR 10, 05/09/98 J.B&T 5, 05/10/98 LL3 LB 13, 05/09/98 CL&LR 10, 05/09/98 J.B&T 5, 05/10/98 J.B.3, 05/09/98 J.B.3, 05/09/98 CL&LR 10, 05/09/98 J.B&T 5, 05/10/98 J.B.3, 05/09/98 J.B.3, 05/09/98 J.B.3, 05/09/98 CL&LR 10, 05/09/98 J.B.3, 05/09/98 J.B.3, 05/09/98 J.B.3, 05/09/98 CL&LR 10, 05/09/98 J.B.3, 05/09/98 J.B.3, 05/09/98 J.B.3, 05/09/98 J.B.3, 05/09/98 J.B.3, 05/09/98 CL&LR 10, 05/09/98 J.B.3, 05/09/99 J.B.3, 05/09/99 J.B.3, 05/09/99 J.B.3, 05/09/99
	05/11/98 RS 6, 05/16/98 JA:TD 3, 05/23/98 BSG 2
Worm-eating Warbler	04/24/98 TD 1, 05/09/98 PD 4, 05/23/98 BSG 1
Swainson's Warbler	04/25/98 T&SD 1, 05/09/98 PD 2, 05/09/98 RS 1, 05/10/98 H&PH 2, 05/23/98 BSG 1
Ovenbird	04/28/98 TD 3, 04/29/98 RS 4, 04/30/98 TD 1, 04/30/98 TD 1, 05/01/98 CL&RS 5, 05/02/98 CL,J&IT 2, 05/02/98 TD 8, 05/02/98 TD 2, 05/03/98 TD 2
Northern Waterthrush	04/24/98 TD 2, 04/24/98 TD 2, 04/25/98 T&SD 1, 04/28/98 TD 4, 04/29/98 T&SD 2, 04/29/98 TD 5, 04/29/98 TD 5, 04/29/98 TD 3, 04/29/98 TD 5, 04
Tioring Water and and	04/30/98 TD 2, 04/30/98 TD 2, 04/30/98 TD 2, 04/30/98 TD 2, 05/01/98 TD 7, 05/01/98 CL&RS 12, 05/02/98 CL,J&JT 12, 05/02/98 TD 11, 05/02/98 TD 5, 05/02/98 TD 2
	05/03/98 RS 1, 05/03/98 RS 1, 05/03/98 TD 7, 05/03/98 J&JT 1, 05/03/98 CL_BW&SD 10, 05/04/98 CL&HJ 4, 05/04/98 TD 4, 05/05/98 TD 3, 05/06/98 RS 3
	05/08/98 TD 2, 05/09/98 CL&LR 2, 05/09/98 MH&TD 3, 05/09/98 MH&TD 1, 05/09/98 CL&LR 2, 05/09/98 PD 2, 05/09/98 RS 1, 05/16/98 JI&TD 1, 05/19/98 PD
Louisiana Waterthrush	2 04/29/98 LR 1, 05/02/98 CL, J&JT 1, 05/09/98 PD 1, 05/09/98 LRR 1, 05/09/98 H&PH&RB 1, 05/23/98 BSG 2
Kentucky Warbler	04/23/98 T&SD 1, 04/28/98 TD 1, 04/28/98 RS 3, 05/01/98 CL&R 1, 05/02/98 CL&L&I 1, 05/03/98 RS 3, 05/03/98 RS 3, 05/03/98 CL&LR 1
Transacky Walleton	05/09/98 H&PH&RB 1, 05/09/98 CL&LR 1, 05/09/98 H&PH&RB 2, 05/09/98 PD 2, 05/09/98 CL&LR 4, 05/09/98 CL&LR 7, 05/23/98 BSG 1, 05/23/98 BSG 3
	05/23/98 BSG 2
Common Yellowthroat	04/19/98 PD 1, 04/25/98 T&SD 2, 04/29/98 RS 4, 05/01/98 CL&RS 8, 05/01/98 TD 8, 05/01/98 TD 4, 05/02/98 TD 8, 05/02/98 TD 5, 05/02/98 CL, J&JT 7, 05/03/98
	RS 1, 05/03/98 RS 1, 05/03/98 CL,BW&SD 3, 05/03/98 TD 5, 05/04/98 TD 6, 05/04/98 L&AR 1, 05/04/98 CL&HJ 5, 05/05/98 TD 3, 05/05/98 TD 3, 05/06/98 RS 2, 05/08/98 TD 6, 05/04/98 L&AR 1, 05/04/98 CL&HJ 5, 05/05/98 TD 3, 05/06/98 RS 2, 05/08/98 TD 6, 05/04/98 L&AR 1, 05/04/98 CL&HJ 5, 05/05/98 TD 3, 05/06/98 RS 2, 05/08/98 TD 6, 05/04/98 L&AR 1, 05/04/98 CL&HJ 5, 05/05/98 TD 3, 05/06/98 RS 2, 05/08/98 TD 6, 05/04/98 L&AR 1, 05/04/98 CL&HJ 5, 05/05/98 TD 3, 05/06/98 RS 2, 05/08/98 TD 6, 05/04/98 L&AR 1, 05/04/98 CL&HJ 5, 05/05/98 TD 3, 05/06/98 RS 2, 05/08/98 TD 6, 05/04/98 L&AR 1, 05/04/98 CL&HJ 5, 05/05/98 TD 3, 05/06/98 RS 2, 05/08/98 TD 6, 05/04/98 CL&HJ 5, 05/05/98 TD 3, 05/06/98 RS 2, 05/08/98 TD 6, 05/04/98 L&AR 1, 05/04/98 CL&HJ 5, 05/05/98 TD 3, 05/06/98 RS 2, 05/08/98 TD 6, 05/04/98 L&AR 1, 05/04/98 CL&HJ 5, 05/05/98 TD 3, 05/06/98 TD 6, 05/04/98 L&AR 1, 05/04/98 CL&HJ 5, 05/05/98 TD 3, 05/06/98 TD 6, 05/04/98 L&AR 1, 05/04/98 CL&HJ 5, 05/05/98 TD 3, 05/06/98 TD 6, 05/04/98 TD
	05/09/98 J,I&KT 2, 05/09/98 MH&TD 2, 05/09/98 MH&TD 2, 05/09/98 MH&TD 2, 05/09/98 MH&TD 8, 05/09/98 CL&LR 6, 05/09/98 MH&TD 1, 05/09/98 MH&TD 2, 05/09/98 NS 2, 05/09/98 RS 2, 05/09/98 RS 2, 05/09/98 RS 1, 05/09/98 RS 1, 05/09/98 RS 3, 05/09/98 RS 2, 05/09/98 RS 2, 05/09/98 LL 1, 05/09/98 LR 4, 05/09/98 CL&LR 5, 05/09/98 RS 2
	51, PLEM 1, 03/09/8 FD 3, 03/09/8 KL 1, 03/09/8 KL 1, 03/09/8 KL 2, 03/09/8 KL 1, 03/0
	05/23/98 BSG 1
Hooded Warbler	04/19/98 PD 1, 04/25/98 T&SD 1, 04/29/98 RS 2, 05/03/98 RS 1, 05/09/98 CL&LR 5, 05/09/98 CL&LR 1, 05/09/98 LRR 1, 05/09/98 PD 6, 05/09/98 CL&LR 5
Wileson Westler	05/23/98 BSG 1, 05/23/98 BSG 1, 05/23/98 BSG 1, 05/23/98 BSG 1 05/02/98 CL_J&TT 1, 05/02/98 TD 1, 05/10/98 J&TT 1
Wilson's Warbler Canada Warbler	05/02/98 CL_1&IT 1, 05/02/98 TD 1, 05/10/98 I&IT 1 04/2/99 RS 1, 05/23/98 BSG 1, 05/23/98 BSG 1
Yellow-breasted Chat	04/19/98 J&TD 1, 04/24/98 TD 1, 04/25/98 T&SD 1, 04/29/98 RS 1, 04/29/98 RS 1, 04/29/98 CL&RS 2, 05/01/98 CL&RS 2, 05/02/98 CL, J&JT 2, 05/04/98 H&PF
1 111011 111111111111111111111111111111	1, 05/04/98 CL&HJ 2, 05/09/98 CL&LR 2, 05/09/98 PD 12, 05/09/98 ILI 1, 05/09/98 RS 2, 05/09/98 H&PH&RB 6, 05/09/98 H&PH&RB 8, 05/09/98 SH,PL&BW
	2, 05/09/98 CL&LR 1, 05/09/98 PD 1, 05/09/98 CL&LR 8, 05/09/98 LR 4, 05/09/98 JLI 1, 05/09/98 JLI 1, 05/09/98 CL&LR 8, 05/09/98 MH&TD 1, 05/09/98
	J, J&KT 8, 05/23/98 BSG 3, 05/23/98 BSG 4
Summer Tanager	04/16/98 LR 1, 04/19/98 PD 1, 04/25/98 T&SD 1, 04/29/98 RS 1, 04/29/98 RS 5, 04/29/98 LR 2, 04/29/98 CL&RS 2, 04/30/98 LR 3, 05/01/98 CL&RS 1, 05/01/98 L&RS 1, 05/01/98 L&RS 2, 05/03/98 L&RS 2, 05/03/98 L&D 1, 05/04/98 L&BH 1, 05/04/98 L&AR 1, 05/04/98 H&PH
	2, 05/06/98 PLH&AMS 1, 05/08/98 PLH 2, 05/09/98 MH&TD 2, 05/09/98 MH&TD 1, 05/09/98 MH&TD 1, 05/09/98 CL&LR 15, 05/09/98 CL&LR
	MH&TD 1, 05/09/98 MH&TD 1, 05/09/98 JJ&KT 7, 05/09/98 ILI 1, 05/09/98 ILI 1, 05/09/98 LRR 4, 05/09/98 RS 7, 05/09/98 H&PH&RB 9, 05/09/98 RS 1
	05/09/98 JLI 1, 05/09/98 RS 5, 05/09/98 CL&LR 4, 05/09/98 SH,PL&BW 4, 05/09/98 PD 2, 05/09/98 RS 1, 05/09/98 LR 7, 05/09/98 RS 3, 05/09/98 PD 8, 05/09/98
	H&PH&RB 5, 05/09/98 CL&LR 12, 05/10/98 J&TT 1, 05/11/98 RS 2, 05/23/98 BSG 1, 05/23/98 BSG 1
Scarlet Tanager Eastern Towhee	04/28/98 TD 1, 04/29/98 RS 1, 04/30/98 TD 1, 05/04/98 TD 1, 05/04/98 TD 1, 05/09/98 H&PH&RB 1, 05/09/98 CL&LR 1, 05/09/98 CL&LR 1 05/09/98 MH&TD 1
Spotted Townee	03/03/36 NICKE ID 1 04/24/98 TD 1
Chipping Sparrow	04/15/98 AB 6, 04/19/98 JL&TD 1, 05/06/98 JLI 1, 05/09/98 H&PH&RB 1, 05/09/98 PD 6
Field Sparrow	05/02/98 CL,J&JT 1, 05/09/98 J,J&KT 2
Lark Sparrow	04/21/98 PD 1, 05/09/98 JL1 1, 05/09/98 RS 1, 05/09/98 JL1 2, 05/09/98 SH,PL&BW 2, 05/09/98 JJ&KT 2, 05/09/98 MH&TD 2, 05/23/98 BSG 3
Savannah Sparrow Grasshopper Sparrow	05/02/98 CL,I&JT 1, 05/03/98 RS 2, 05/04/98 CL&HJ 2, 05/06/98 JLI 2, 05/09/98 JLI 3, 05/09/98 JLI 3, 05/09/98 SH,PL&BW 1 05/09/98 JLI 1
Lincoln's Sparrow	04/24/98 TD 2, 04/25/98 T&SD 1, 04/29/98 CL&RS 1, 05/01/98 CL&RS 3, 05/02/98 CL,J&JT 2, 05/02/98 TD 13, 05/03/98 CL,BW&SD 2, 05/04/98 TD 3, 05/09/98
	CL&LR 2, 05/09/98 H&PH&RB 1, 05/09/98 MH&TD 3
Swamp Sparrow	04/29/98 CL&RS 1, 05/02/98 TD 3
White-throated Sparrow	04/15/98 AB 4, 04/19/98 JI&TD 16, 04/21/98 JI 2, 04/27/98 TD 6, 04/27/98 RS 2, 04/29/98 RS 11, 04/29/98 CL&RS 4, 05/01/98 CL&RS 4, 05/02/98 CLJ&JT 4,
White	05/03/98 RS 1, 05/08/98 TD 1 04/29/98 RS 1, 05/02/98 CL,J&JT 6, 05/09/98 PD 1, 05/09/98 MH&TD 1
White-crowned Sparrow Northern Cardinal	04/29/98 R.S. 1, V3/02/96 CL, 26211 6, V3/09/98 PM 20 V3/09/98 MIRE TD 1 04/06/98 R.S. 4, 04/29/98 CL 2, 04/15/98 AB 2, 04/19/98 I&ETD 7, 04/12/98 II 3, 04/27/98 TD 3, 04/27/98 RS 4, 04/29/98 CL&RS 15, 04/29/98 RS 11, 04/29/98 LR 8, 04/29/98 RS
Tordicin Cardinar	2, 04/30/98 LR 3, 05/01/98 CL&RS 12, 05/01/98 J&TT 15, 05/02/98 JH&SH 1, 05/02/98 E&SH 1, 05/02/98 CL,J&TT 35, 05/03/98 CL,BW&SD 15, 05/03/98 RS 2,
	05/03/98 RS 8, 05/03/98 J&JT 4, 05/03/98 JJ&KT 2, 05/04/98 L&AR 2, 05/04/98 CL&HJ 12, 05/04/98 H&PH 1, 05/06/98 RS 6, 05/06/98 PLH&AMS 9, 05/08/98
	Л. 1.2, 05/09/98 Л. 1.3, 05/09/98 RS 9, 05/09/98 SH,PL&BW 13, 05/09/98 Л. 1 1, 05/09/98 Н&PH&RB 40, 05/09/98 Л. 1 7, 05/09/98 Л. 1 16, 05/09/98 CL&LR 6
	05/09/98 LRR 1, 05/09/98 JLI 1, 05/09/98 JLI 8, 05/09/98 JLI 1, 05/09/98 JLI 1, 05/09/98 LI 14, 05/09/98 JLI 2, 05/09/98 RS 21, 05/09/98 RS 10, 05/09/98 PD 10, 05/09/98 JLI 2, 05/09/98 JLI 1, 05/09/98 RS 18, 05/09/98 JLI 1, 05/09/98 JLI 1, 05/09/98 JLI 2, 05/09/98 JLI 2, 05/09/98 JLI 2, 05/09/98 JLI 2, 05/09/98 JLI 3, 05/09/98 JLI 3
	[U, U3/U3/98 PD 10, U3/U3/98 1L1 Z, U3/U3/98 LL1 I, U3/U3/98 RS 18, U3/U3/98 LL I, U3/U3/U3/U3/U3/U3/U3/U3/U3/U3/U3/U3/U3/U
	05/09/98 MH&TD 8, 05/09/98 MH&TD 7, 05/09/98 MH&TD 1, 05/09/98 MH&TD 2, 05/09/98 MH&TD 2, 05/09/98 JJ&KT 19, 05/09/98 CL&LR 25, 05/10/98
	J&JT 5, 05/10/98 JLI 2, 05/16/98 JL&TD 3, 05/16/98 JL&TD 6, 05/20/98 LMH 1, 05/23/98 LMH 3, 05/23/98 BSG 1, 05/23/98 BSG 1
Rose-breasted Grosbeak	04/25/98 T&SD 1, 04/28/98 TD 2, 04/29/98 TD 1, 04/29/98 FE 2, 04/29/98 RS 5, 04/29/98 CL&RS 1, 05/01/98 CL&RS 2, 05/01/98 TD 2, 05/02/98 TD 3, 05/02/98
	TD 2, 05/02/98 TD 3, 05/02/98 CL_J&T 4, 05/03/98 CL_BW&SD 12, 05/03/98 RS 2, 05/04/98 TD 3, 05/06/98 PLH&AMS 5, 05/08/98 JLI 2, 05/08/98 PLH 3, 05/09/98 CL&LR 2, 05/09/98 H&PH&RB 2, 05/09/98 CL&LR 2, 05/16/98 JI 1
Blue Grosbeak	05/09/98 CL&LR 2, 05/09/98 R&PH&RB 2, 05/09/98 CL&LR 2, 05/16/98 J1 1 04/17/98 PD 1, 04/29/98 T&SD 2, 05/02/98 CL&LR 2, 05/05/98 TD 7, 05/06/98 PLH&AMS 3, 05/08/98 PLH 2, 05/09/98 MH&TD 3, 05/09/98 MH&TD 1,
Diag Glosveik	05/09/98 MH&TD 1, 05/09/98 MH&TD 2, 05/09/98 KH&TD 2, 05/09/98 SH,PL&BW 5, 05/09/98 JL 2, 05/09/98 JL 4, 05/09/98
	H&PH&RB 1, 05/09/98 JLI 1, 05/09/98 JLI 1, 05/09/98 PD 4, 05/10/98 JJ&KT 1
Indigo Bunting	04/15/98 AB 2, 04/19/98 JI&TD 2, 04/25/98 T&SD 3, 04/27/98 TD 2, 04/29/98 RS 2, 04/29/98 LR 3, 04/29/98 CL&RS 6, 05/02/98 CL,J&JT 6, 05/03/98
	CL,BW&SD 6, 05/03/98 RS 2, 05/04/98 H&PH 1, 05/04/98 CL&HI 40, 05/05/98 TD 100, 05/06/98 PLH&AMS 3, 05/06/98 RS 2, 05/08/98 PLH 4, 05/09/98
	MH&TD 2, 05/09/98 MH&TD 1, 05/09/98 MH&TD 3, 05/09/98 MH&TD 1, 05/09/98 LRR 05/09/98 CL&LR 15, 05/09/98 JL&KT 14, 05/09/98 JL 1, 05/09/98 H&PH&RB 7, 05/09/98 SH,PL&BW 9, 05/09/98 JL 1, 05/09/98 H&PH&RB 4, 05/09/98 LRR
	1. 05/09/98 JLI I, 05/09/98 JLE I, 05/09/98 CL&LE 2, 05/09/98 LT II, 05/09/98 JLI I, 05/09/98 JLI I, 05/09/98 JLI I, 05/09/98 JLI I, 05/09/98 JLI II, 05/09/98 JLI III, 05/09/98 JLI II, 05/09/98 JLI III, 05/09/98 JLI II, 05/09/9
	CL&LR 6, 05/23/98 BSG 2, 05/23/98 BSG 1
Painted Bunting	04/21/98 PD 2, 04/29/98 T&SD 2, 04/29/98 CL&RS 2, 05/02/98 CL,J&JT 2, 05/04/98 CL&HJ 2, 05/06/98 PLH&AMS 1, 05/08/98 PLH 3, 05/09/98 MH&TD 4
	05/09/98 CL&LR 2, 05/09/98 CL&LR 1, 05/09/98 SH,PL&BW 2, 05/09/98 PD 1, 05/09/98 PD 3, 05/09/98 H&PH&RB 1, 05/09/98 H&PH&RB 1, 05/23/98 BSG 1,
Bid dead	05/23/98 BSG 1 04/24/98 TD 8, 04/29/98 T&SD 10, 05/02/98 CL,J&JT 25, 05/04/98 CL&HJ 50, 05/06/98 JLI 150, 05/09/98 SH,PL&BW 4, 05/09/98 JLI 10, 05/09/98 JLI 11, 05/09/98 JLI 11
	04/24/98 IL 23, 05/09/98 IL 16, 05/09/98 IL 24, 05/09/98 IL 23, 05/04/98 ELERIU 30, 05/09/98 IL 23, 05/09/98 IL 24, 05/09/98 IL 12, 05/09/98 IL 23, 05/09/98 IL 23, 05/09/98 IL 24, 05/09/98 IL 25, 05/09/98 IL 24, 05/09/98 IL 24, 05/09/98 IL 25, 05/09/98 I
Dickcissel	22, 05/09/98 JLI 7, 05/09/98 JLI 80, 05/09/98 JLI 23, 05/09/98 PLI 5, 05/09/98 PLI 5, 05/09/98 JLI 00, 05/09/98 PLI 50, 05/09
Dickcissel	
DICKCISSEI	MH&TD 5, 05/09/98 MH&TD 20, 05/09/98 MH&TD 20, 05/09/98 MH&TD 68, 05/09/98 JJ&KT 3, 05/10/98 CL 2, 05/10/98 JJ&KT 25
Dickcissel Bobolink	MH&TD 5, 05/09/98 MH&TD 20, 05/09/98 MH&TD 20, 05/09/98 MH&TD 68, 05/09/98 J,&KT 3, 05/10/98 CL 2, 05/10/98 J,&KT 25 04/29/98 T&SD 23, 05/04/98 PD 1, 05/09/98 PD 1, 05/09/98 JLI 30, 05/09/98 PD 150, 05/09/98 JLI 5, 05/09/98 MH&TD 1, 05/10/98 J,&KT 2, 05/17/98 PD 35,
Bobolink	MH&TD 5, 05/09/98 MH&TD 20, 05/09/98 MH&TD 20, 05/09/98 MH&TD 68, 05/09/98 J,&KT 3, 05/10/98 CL 2, 05/10/98 J,&KT 25 04/29/98 T&SD 23, 05/04/98 PD 1, 05/09/98 PD 1, 05/09/98 JL1 30, 05/09/98 PD 150, 05/09/98 JL1 5, 05/09/98 MH&TD 1, 05/10/98 J,&KT 2, 05/17/98 PD 35, 05/18/98 PD 13, 05/19/98 PD 1
	MH&TD 5, 05/09/98 MH&TD 20, 05/09/98 MH&TD 20, 05/09/98 MH&TD 68, 05/09/98 J,&KT 3, 05/10/98 CL 2, 05/10/98 J,&KT 25 04/29/98 T&SD 23, 05/04/98 PD 1, 05/09/98 PD 1, 05/09/98 JLI 30, 05/09/98 PD 150, 05/09/98 JLI 5, 05/09/98 MH&TD 1, 05/10/98 J,J&KT 2, 05/17/98 PD 35, 05/18/98 PD 35, 05/19/98 PD 1 04/19/98 J\@TD 2, 04/27/98 TD 125, 04/29/98 CL\@RS 6, 05/01/98 J\@T 10, 05/02/98 E\&SH 3, 05/02/98 CL\J\@T 50, 05/03/98 CL\B\@SD 6, 05/03/98 RS 1,
Bobolink	MH&TD 5, 05/09/98 MH&TD 20, 05/09/98 MH&TD 20, 05/09/98 MH&TD 68, 05/09/98 JJ&KT 3, 05/10/98 CL 2, 05/10/98 JJ&KT 25 04/29/98 T&SD 23, 05/04/98 PD 1, 05/09/98 PD 1, 05/09/98 IJ 130, 05/09/98 PD 150, 05/09/98 IJ 15, 05/09/98 MH&TD 1, 05/10/98 JJ&KT 2, 05/17/98 PD 15 05/19/98 JJ&TD 2, 04/27/98 TD 125, 04/29/98 CL&RS 6, 05/01/98 JÆT 10, 05/02/98 E&SH 3, 05/02/98 CL_JÆT 50, 05/03/98 RC J, 05/03/98 RS 14, 05/03/98 J&TT 10, 05/03/98 JJ&KT 5, 05/04/98 CL&H 25, 05/06/98 JL 16, 05/06/98 PLH&AMS 1, 05/06/98 RS 1, 05/06/98 RS 14, 05/03/98 K&T 10, 05/06/98 IJ&KT 5, 05/04/98 CL&H 25, 05/06/98 JL 16, 05/06/98 PLH&AMS 1, 05/06/98 RS 1, 05/09/98 RS 24, 05/09/98
Bobolink	Milett 5, 05/09/98 MH&TD 20, 05/09/98 MH&TD 20, 05/09/98 MH&TD 68, 05/09/98 JL8KT 3, 05/10/98 CL 2, 05/10/98 JJ&KT 25 04/29/98 TASD 23, 05/04/98 PD 1, 05/09/98 PD 1, 05/09/98 II 30, 05/09/98 PD 150, 05/09/98 II 5, 05/09/98 MH&TD 1, 05/10/98 JJ&KT 2, 05/18/98 PD 35, 05/19/98 PD 1 04/19/98 II&TD 2, 04/27/98 TD 125, 04/29/98 CL&RS 6, 05/01/98 J&IT 10, 05/02/98 E&SH 3, 05/02/98 CL_J&JT 50, 05/03/98 CL_BW&SD 6, 05/03/98 RS 1 05/03/98 RS 14, 05/03/98 J&JT 10, 05/03/98 JJ&KT 5, 05/04/98 CL&H 25, 05/06/98 II 16, 05/06/98 PLH&AMS 1, 05/06/98 RS 1, 05/09/98 RS 28, 05/09/98 II 2 05/09/99 HBPH&RB 9, 05/09/98 II 1 28, 05/09/98 II 1 28, 05/09/98 II 2 8, 05/09/98 SHPL&WS 1, 05/09/98 II 1 3, 05/09/98 II 2 8, 05/09/98 SHPL&WS 1, 05/09/98 II 2 8, 05/09/98 II 2 8, 05/09/98 SHPL&WS 16, 05/09/98 CL&LR 8
Bobolink	Miletd 5, 05/09/98 Miletd 20, 05/09/98 Miletd 20, 05/09/98 Miletd 68, 05/09/98 J. 05/10/98 CL 2, 05/10/98 J. DET 25, 05/10/98

05	, 05/09/98 MH&TD 10, 05/09/98 MH&TD 24, 05/09/98 MH&TD 20, 05/09/98 CL&LR 1, 05/09/98 J,I&KT 2, 05/09/98 CL&LR 10, 05/10/98 LJ&KT 10, 1/10/98 CL 20, 05/11/98 RS 8, 05/16/98 IJ&TD 2, 05/23/98 LMH 1, 05/23/98 BSG 1 (07/29/8 LJ, 05/09/98 J,II, 105/09/98 J,II, 05/09/98 J,III,
Eastern Meadowlark 05. SH MI Yellow-headed Blackbird 04. Common Grackle 04.	/02/98 C.J.&T. 5, 05/04/98 CL.&HJ 4, 05/09/98 JLI 1, 05/09/98 JLI 1, 05/09/98 JLI 1, 05/09/98 HAPH&RB 4, 05/09/98 SH.PL&BW 1, 05/09/98 JLI 2, 05/09/98 HACTO I /2/1987 BD 1, 05/13/98 PD 1 /3/98 JACTO 20, 04/27/98 RS 1, 04/27/98 TD 15, 04/29/98 RS 6, 04/29/98 RS 1, 04/29/98 CL&RS 15, 05/01/98 CL&RS 25, 05/01/98 J&JT 15, 05/02/98 ÆSH
SH MI Yellow-headed Blackbird 04/ Common Grackle 04/	I,PL&BW 4, 05/09/98 PD 3, 05/09/98 H&PH&RB 2, 05/09/98 JLI 1, 05/09/98 RS 2, 05/09/98 CL&LR 2, 05/09/98 MH&TD 1, 05/09/98 CL&LR 1, 05/09/98 H&TD 1 (21/98 PD 1, 05/13/98 PD 1 /19/98 J&TD 20, 04/27/98 RS 1, 04/27/98 TD 15, 04/29/98 RS 6, 04/29/98 RS 1, 04/29/98 CL&RS 15, 05/01/98 CL&RS 25, 05/01/98 J&JT 15, 05/02/98 E&SH
Yellow-headed Blackbird 04/ Common Grackle 04/	H&TD /21/98 PD , 05/13/98 PD /3/98 JBCTD 20, 04/27/98 RS 1, 04/27/98 TD 15, 04/29/98 RS 6, 04/29/98 RS 1, 04/29/98 CL&RS 15, 05/01/98 CL&RS 23, 05/01/98 J&JT 15, 05/02/98 E&SH
Yellow-headed Blackbird 04/ Common Grackle 04/	/21/98 PD 1, 05/13/98 PD 1 /19/98 JJ&TD 20, 04/27/98 RS 1, 04/27/98 TD 15, 04/29/98 RS 6, 04/29/98 RS 1, 04/29/98 CL&RS 15, 05/01/98 CL&RS 25, 05/01/98 J&JT 15, 05/02/98 E&SH
Common Grackle 04/	/19/98 N&TD 20, 04/27/98 RS 1, 04/27/98 TD 15, 04/29/98 RS 6, 04/29/98 RS 1, 04/29/98 CL&RS 15, 05/01/98 CL&RS 25, 05/01/98 J&JT 15, 05/02/98 E&SH
1 4	
	05/02/98 CL,J&JT 40, 05/03/98 CL,BW&SD 20, 05/03/98 RS 1, 05/03/98 RS 9, 05/03/98 J&JT 15, 05/03/98 J,J&KT 3, 05/04/98 CL&HJ 50, 05/04/98 L&AR 2,
	/06/98 RS 3, 05/08/98 JLI 2, 05/09/98 PD 20, 05/09/98 JLI 2, 05/09/98 LR 9, 05/09/98 RS 2, 05/09/98 H&PH&RB 8, 05/09/98 JLI 1, 05/09/98 H&PH&RB 2,
	/09/98 RS 30, 05/09/98 ILI 5, 05/09/98 PD 5, 05/09/98 SH,PL&BW 5, 05/09/98 ILI 4, 05/09/98 ILI 31, 05/09/98 RS 30, 05/09/98 RS 35, 05/09/98 ILI 2, 05/09/98
	&LR 4, 05/09/98 CL&LR 3, 05/09/98 CL&LR 8, 05/09/98 J,L&KT 13, 05/10/98 JLI 1, 05/11/98 RS 3, 05/16/98 J&TD 12, 05/16/98 J 3, 05/16/98 J&TD 5,
	/23/98 LMH I
	/19/98 II&TD 7, 04/29/98 CL&RS 4, 04/30/98 LR 1, 05/01/98 CL&RS 2, 05/02/98 CL,I&JT 10, 05/02/98 E&SH 1, 05/03/98 I&JT 3, 05/03/98 CL,BW&SD 6,
	/04/98 L&AR 1, 05/04/98 CL&HJ 5, 05/06/98 JLI 3, 05/06/98 PLH&AMS 4, 05/09/98 H&PH&RB 20, 05/09/98 JLI 1, 05/09/98 JLI 3, 05/09/98 JLI 1, 05/09/98 D 16, 05/09/98 RS 2, 05/09/98 PD 15, 05/09/98 SH.PL&BW 1, 05/09/98 SH.PL&BW 12, 05/09/98 H&PH&RB 10, 05/09/98 CL&LR 5, 05/09/98 JLI 2, 05/09/98
) 10, 03/09/98 RS 2, 03/09/98 MAETD 5, 03/09/98 MAETD 2, 05/09/98 LELR 1, 05/09/98 IJ&KT 3, 05/16/98 IJ&TD 2
	/21/98 PD 1, 04/29/98 T&SD 2, 04/29/98 RS 2, 04/29/98 RD 1, 05/09/98 CLJ&IT 4, 05/03/98 RS 1, 05/04/98 CL&HI 4, 05/09/98 CL&LR 3, 05/09/98
	12173 P. 1, 0-4273 182-273 182-2 , 0-4273 182 2, 0-509/38 P. 2, 05/09/38 P. 1, 05/09/38 P. 2, 05
1	4. LECTOR 11, 03/03/36 INCTINENTS 2, 03/03/36 ED 2, 03/03/36 NG 1, 03/03/36 ILL 1, 03/03/36 INCTINENTS 2, 03/03/36 CLECK 3, 03/03/36 INCTINENTS 2, 03/03/36 CLECK 3, 03/03/36 INCTINENTS 2, 03/03/36 INCTINENT
Baltimore Oriole 04/	/24/98 TD 4, 04/28/98 TD 4, 04/29/98 CL&RS 4, 04/29/98 RS 5, 04/30/98 TD 4, 05/01/98 J&JT 2, 05/01/98 CL&RS 16, 05/02/98 CL,J&JT 20, 05/03/98 RS 1,
	/03/98 J&IT 3, 05/04/98 L&AR 1, 05/06/98 RS 1, 05/07/98 PLH 1, 05/09/98 PD 4, 05/09/98 PD 2, 05/09/98 H&PH&RB 3, 05/09/98 SH,PL&BW 4, 05/09/98 JLI
	05/09/98 MH&TD 2, 05/09/98 MH&TD 3, 05/09/98 JJ&KT 3, 05/10/98 CL 3, 05/16/98 JI&TD 3, 05/16/98 JI&TD 2
Purple Finch 05/	/08/98 JLI 8
House Finch 04/	/15/98 AB 10, 04/21/98 JI 6, 04/29/98 RS 6, 05/09/98 JLI 5, 05/09/98 J,J&KT 1, 05/10/98 JLI 12, 05/16/98 JL&TD 5, 05/20/98 LMH 2
Pine Siskin 04/	/06/98 LR 15, 04/07/98 LR 23, 04/30/98 LR 3
American Goldfinch 03/	/22/98 PD 50, 04/06/98 LR 5, 04/15/98 AB 15, 04/19/98 JL&TD 15, 04/21/98 JI 1, 04/27/98 TD 5, 04/29/98 RS 2, 05/01/98 CL&RS 2, 05/02/98 CL,J&JT 2,
05/	/02/98 TD 17, 05/03/98 TD 7, 05/09/98 PD 5, 05/09/98 MH&TD 1, 05/10/98 J&JT 1
	/15/98 AB 8, 04/19/98 J&TD 15, 04/21/98 JI 4, 04/27/98 RS 1, 04/29/98 CL&RS 2, 04/29/98 RS 18, 04/29/98 RS 4, 05/01/98 CL&RS 2, 05/01/98 J&JT 3,
	/02/98 CL,J&JT 20, 05/03/98 CL,BW&SD 10, 05/03/98 RS 1, 05/03/98 J,J&KT 1, 05/03/98 J&JT 2, 05/08/98 JLI 10, 05/09/98 PD 10, 05/09/98 JLI 4, 05/09/98
	0 4, 05/09/98 ILI 7, 05/09/98 ILI 2, 05/09/98 RS 9, 05/09/98 RS 6, 05/09/98 SH,PL&BW 4, 05/09/98 ILI 2, 05/09/98 H&PH&RB 3, 05/09/98 J,I&KT 4, 05/09/98
CL	&LR 1, 05/09/98 CL&LR 1, 05/10/98 JLI 5, 05/16/98 JL&TD 30, 05/20/98 LMH 8, 05/23/98 LMH 5

Printed 3,245 records.of 211 species.