



BIRD STUDY GROUP NEWSLETTER

Volume 14, Number 5
December 22, 1999

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

NEXT MEETING

January 11, 2000

BIRDS OF THE PINEY WOODS PRAIRIES

JIM INGOLD
LSU-SHREVEPORT

LSUS Museum of Life Sciences

6:30 p.m.

FIELD TRIPS

Jan 15 - Owl Prowl on Yearwood Road

Jan 22 - Smithport Lake Dam

Jan 29 - Eagles Etc. at Lake DeGray, AR

BOARD OF DIRECTORS

1999 - 2000

OFFICERS

President	Jean Trahan (1)	869-5719 W, 868-7360 H
Vice-president	Larry Raymond (2)	929-2806 W, 929-3117 H
Secretary	Jeff Trahan (1)	869-5217 W, 868-7360 H
Treasurer	Betty Mason (1)	752-1029 H

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Roy Bott (2)	925-2265 H
Mac Hardy (3)	797-5338 W, 687-6738 H
Hubert Hervey (1)	925-9249 H
Pat Hervey (2)	925-9249 H
Jim Ingold (2)	797-5236 W, 742-5067 H
Colleen Kulesza (3)	424-8707 W
Lily Poole (3)	687-2994 H
Rosemary Seidler (2)	869-5231 W, 424-2972 H
Will Smolenski (3)	865-2938 H
Judy Townes (1)	929-4106 W, 865-7412 H

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

COMMITTEE CHAIRPERSONS

BIRD REPORT	Donna Burney	742-6829 H
	Will Smolenski	865-2938 H
BIRD HOT SPOTS	Larry Raymond	929-2806 W, 929-3117 H
BIRD RECORDS	Mac Hardy	797-5338 W, 687-6738 H
FIELD TRIPS	Terry Davis	741-1115 H
	Roy Bott	925-2265 H
	Hubert Hervey	925-9249 H
FUND RAISING	Will Smolenski	865-2938 H
HISTORIAN and LIBRARIAN	Jim Ingold	797-5236 W, 742-5067 H
HOSPITALITY and SPECIAL EVENTS	Judy Townes	929-4106 W, 865-7412 H
	Colleen Kulesza	424-8707 W
MEMBERSHIP	Lily Poole	687-2994 H
NEWSLETTER	Jim Ingold	797-5236 W, 742-5067 H
BEGINNING BIRDERS	Jeff Trahan	869-5217 W, 868-7360 H
PHONE TREE	Rosemary Seidler	869-5231 W, 424-2972H
PROGRAMS	Larry Raymond	929-2806W, 929-3117 H
PUBLICITY	Judy Townes	929-4106 W, 865-7412 H
WWW HOME PAGE	Barney Poole	687-2994 H

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ABOUT THE PROGRAM

Jim Ingold will present this month's program. He will speak about his year-long survey of birds using remnant prairies in the Kisatchie National Forest, Winn Ranger District, near Winnfield, Louisiana. He will lead a field trip to this area on 8 April 2000.

JANUARY FIELD TRIPS

Jan 15 - Owl Prowl, Yearwood Road area. Leave LSUS parking lot at 3:30 p. m. We will check the Harts Island municipal sanitary fields on the way to Yearwood Road. **Barn Owls** and **Eastern Screech-Owls** are always seen. Usually we see or hear **Barred** and **Great Horned Owls**. **Short-eared Owls** have been missed for the last two years, but are possible and we will try for them. Bring a flashlight. Through by 9:00 p. m. Leader: Hubert Hervey, 925-9249.

Jan 22 - Smithport Lake Dam. Leave LSUS parking lot at 7:30 a. m. This is the first BSG trip to this unique area of cypress trees and Spanish moss located in eastern DeSoto Parish. Winter woodland birds and water birds including both night herons are expected. Leader: Terry Davis, 741-1115.

Jan 29 - Eagles Etc. at Lake DeGray, AR. This trip no longer conflicts with the LOS winter meeting, which has been moved to Feb 5th. Although the newly renovated DeGray Lodge was sold out early in October for this popular event, cancellations do occur and you might possibly get accommodations there. Also there is a Holiday Inn Express in Caddo Valley which is only ten minutes from the Lodge. This excellent meeting offers barge rides, owl prowls, bird walks, and excellent programs both Friday and Saturday nights.

Feb 5 - Red River Experiment Station. Leave LSUS parking lot at 7:30 a.m.. Open country birds. Last year **Horned Larks** and **Lapland Longspurs** were seen. Half-day trip. Leader needed.

Feb 5 - LOS winter meeting in New Orleans area.

BOARD MEETING

The next meeting of the Board of Directors of the Bird Study Group is scheduled for Thursday 6 January 2000. We will meet in the Museum of Life Sciences at 7:00 p.m.

AUCTION RESULTS

The annual auction was a resounding success with our countrified auctioneer passing out Ph.D.s like they were candies. The silent auction brought in \$132.25 and \$299.00 was spent on other items for a grand total of \$431.25.

IN MEMORIAM

Elaine Johnson Stewart, wife of long-time member Jim Stewart passed away on Thursday 16 December 1999. They moved to Shreveport in 1952 from Minnesota. In lieu of flowers the family suggests making a donation to a charity of your choice.

REPORT BIRD OBSERVATIONS

The number of observers that report bird sightings to the Bird Study Group Newsletter is down. The bird database is getting more use than ever before and becomes more valuable as a research and study tool with each passing month.

When you go birding, casually or for all-day, record the numbers, date, and locations of the birds seen. You can report your observations to the Bird Study Group in any of the following ways:

- Bring, mail, or FAX your checklists, report forms, or any other notes to the Museum (see Newsletter).
- Call your report in to one of the reporters (see Newsletter).
- E-mail it to the BSG (see Newsletter).
- Turn in your data on the BSG disk (we provide this to anyone interested).

We do not take records from LABIRD postings because these usually get reported in other ways. This usually leads to duplications that are time-consuming to detect and delete from the BSG database.

For more information see the BSG Newsletter, vol. 13, no. 9, p. 3 and vol. 13, no. 7, p. 5-6 (both are also on-line).

Please give any board member or me suggestions on how to make this easier for you. – *MacHardy*

WHAT'S NEW ON THE BIRD STUDY GROUP WEBSITE:

**By: Barney Poole
a.k.a. WebGuy**

In 1999, the Bird Study Group WebSite was redesigned. Links to sub-pages were placed on the left side of the homepage for easy navigation. The following were added to the pages:

- "Hit Counter" replaced on homepage
- HTML and downloadable northwest LA checklists
- "Birding Links" page
- "Bird Arrival & Departure Dates" page
- Pages for BSG Member submitted pictures
- Information on the Shreveport/Bossier area
- "Locate Us" page with maps of Shreveport/Bossier and LSU in Shreveport
- A page advertising the "Birding Hot Spots" publication
- "Recent Sightings" page – (one month of "Phonetree" submissions)

Please note that though "Recent Sightings" is text based, the page averages about 2,500 lines of code and as such, may require some time to download.

Limited scrolling text and animation are used on the home page. All graphics on the site are optimized to accelerate page loading. HTML code used to generate the pages has been optimized to increase the number of hits when doing Internet searches. The URL (address) of the site has been submitted to most major "indexed search sites" (Yahoo, etc.) Your feedback is important. Please report any perceived problems with the WebSite to: leg2bap@earthlink.net

OUTINGS FOR 2000

We need leaders for several outings on this list. If you led one of these trips last year, or if you can lead one that does not have a leader listed, please call me at 925-9249 ASAP.

Jan 15 - Owl Prowl, Yearwood Road area. Leave LSUS parking lot at 3:30 p. m. We will check the Harts Island municipal sanitary fields on the way to Yearwood Road. **Barn Owls** and **Eastern Screech-Owls** are always seen. Usually we see or hear **Barred** and **Great Horned Owls**. **Short-eared Owls** have been missed for the last two years, but are possible and we will try for them. Bring a flashlight. Through by 9:00 p. m. Leader: Hubert Hervey, 925-9249.

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Feb 12 - Cheneyville **Sandhill Crane** Trip. Leave LSUS at 7:00 a.m.. Stop at Lea's in LeCompte. Sometimes we have people who join us at Lea's, so we will stop there, with other stops along the way as needed or advised. Last year we had **Sandhill Cranes** at the Powhatan area, so we may bird there, on the way. All day trip. Leader: Jim Ingold, 797-5236 W, 742-5067 H.

Feb 19 - Dickson Deer Farm Bird Banding Day. Meet at the deer farm on Leonard Rd at 7:30 a.m.. Directions: South on Ellerbe to Leonard Rd. Left on Leonard Rd to deer farm entrance on right after you are out of the hills. This area is managed for birds and Paul promises **LeConte's Sparrow** in the hand. Call Paul Dickson at 798-1000.

Feb 26 - Cypress Lake, Black Bayou Recreation Area. Leave McDonalds at I-220 and Airline Drive at 8:00 a. m. This is our second trip to this area, which features woodland and lake birds. The **Bald Eagle** nest was destroyed by a tornado, and we will look to see if the nest has been rebuilt on the artificial tower that was erected to replace the huge pine tree that was destroyed. Leader needed for this half day trip.

Mar 18 - Camping on Bodcau Bayou Weekend. This trip is timed to greet the early spring birds and plants. **Wild Turkeys** are usually seen. Bring your boats and canoes and enjoy the cypress-covered waters of Bodcau Bayou. Enjoy birding the adjoining shoreline and woods. The campground is on the left as you approach the dam. A nominal fee is charged. If you don't camp, come and enjoy birding with us anyway. Leader: Roy Bott, 925-2265.

Apr 1 - Mooringsport Landfill. Leave WhatABurger at N. Market and I-220 at 7:30. A half-day spent in grassland and wooded habitat. Early migrants should be present. Leader: Larry Raymond, 929-2806.

Apr 8 - Kisatchie Prairie Habitat Trip. Leave LSUS at 7:00 a. m. Jim has been working on a prairie habitat project for some time and is ready to show us this area, located in Winn Parish. It is our first time to have a trip into this part of Kisatchie National Forest. A full day trip. Leader: Jim Ingold, 742-5067.

Apr 15 - Briarwood, Caroline Dorman Nature Area. Leave LSUS parking lot at 7:30 a. m. This pristine woodland is unique due to the interest Caroline Dorman had in the trees and plants of Louisiana. Several rare plants are present. We go here to enjoy them as well as the woodland birds that are present. Leader needed.

Apr 22 - Red River Shorebird Day. We are hoping to get several boats on the river at different locations. Paul is scheduled to help with his boat. Watch for details. Call Hubert at 925-9249, if you can help.

Apr 29 - LOS Spring Meeting at Cameron, LA. Come and enjoy the luxurious accommodations of this seaside resort area. The birding is fantastic and the food is good. Rare birds are not rare on this weekend.

May 6 - Break the Record Day. Leader: Terry Davis. Details later.

May 13 - NAMC. North America Migration Count. Leader Hubert Hervey. Details later.

May 27 - Breeding Warblers of northern Louisiana. Leader: Terry Davis. Details later.

Sometime in August - Second Annual National Shorebird count day. We need to plan in advance for this day and participate as a club. Details later.

SHADE COFFEE

By Jim Williams

Editors Note: The following articles were written for Minnesota Birding by Jim Williams and are here reprinted with his permission. Jim Williams, editor of Minnesota Birding, works for the American Birding Association and Birding. Some of the material for these articles came from articles to be used in that publication and is used with permission.

"Nobody wants a double tall skim latte over the dead body of a hummingbird. The model [for shade-grown coffee] would be as successful as dolphin-free tuna."

Ellen Goodman, nationally syndicated columnist, January 1999

Your simple morning cup of coffee has ceased to be simple. It has moved from basic regular or decaf to ecological and economical nuances, which give an entirely new flavor to the pot

One of these flavors involves birds, and so we offer this overview of the issue of shade coffee and the opportunity it presents for you, as a consumer, to make a difference.

Focusing on our concern for birds, coffee grown under a shady canopy of trees helps those bird species which summer in North America and winter in the tropics of Latin America and the Caribbean by providing them with foraging habitat. The trees, which shade the coffee, harbor insects and other food items used by these birds.

Move now to the supermarket, aisle eight, right-hand side, coffees and teas. Ignore the coffee in the big round cans. It is not shade grown, period. Most of it is of the Robusta family or hybrids, grown in open sun where their bountiful crops mature quickly, generally at the expense of flavor, among other things.

When we talk shade coffee we are talking about beans of the Arabica family, slower to mature, richer in flavor. You will grind these beans at home. (Some shade coffee is available ground for use.)

Can you find shade coffee beans in the supermarket? Maybe, maybe not. You are more likely to find them in a specialty coffee shop, at a food co-op, or by mail from a source savvy about the issues.

New hybrid coffees can be grown in full sun. They grow faster there, and from a comparable number of plants often produce a larger crop. This growing method, however, requires more fertilizer and pesticide than does shade coffee. The economics are different as well, sun coffee is a commodity sold by the farmer, at prices he cannot control.

Coffee traditionally was grown in the shade, protected by a canopy of native trees. This coffee matures at a more leisurely pace. Think of the two cups of coffee on a typical day, the hastily consumed cup as you rush in the morning, the relaxed cup after dinner: Sun coffee and shade coffee.

Shade coffee requires less fertilizer, less pesticide, less herbicide. It offers better, more fully developed and subtle flavors. Coffee that is slow to grow and slow to ripen better converts its starches to sugars. This coffee can be marketed as a specialty product, providing the farmer a higher return for his efforts. That farmer also grows the crop with a smaller financial investment if he must buy less agricultural chemicals and need not clear forest to create cropland.

If birds had thumbs, shade-grown coffee would get two thumbs up. Ornithologists writing in many journals over the last few years have documented the importance of shade coffee habitat in the increasingly deforested landscape of Mexico and Central America.

"Up to 10 billion birds summer in the temperate forest of North America, then fly south to winter in Latin America," says author Mark Pendergast in the book *Uncommon Grounds, the History of Coffee and How It Transformed Our World*.

"During the decade 1978-1987, the U.S. Fish and Wildlife Services Breeding Bird Survey showed an alarming decline in Neotropical migrants, ranging from one to three percent annually. Although there may be other factors involved," he says, "it is alarming that shade-grown coffee was declining at precisely the same time."

Pendergast says that birds, insects, and other animals abandon coffee grown in the open as an ecological desert, citing information from Russell Greenberg of the Smithsonian Migratory Bird Center.

"The (Central American) plantations that provided great birding, were those in which coffee is grown in the shade beneath an overstory of trees that provide protective cover from excessive sunlight," said John Kricher of the Department of Biology at Wheaton College in Massachusetts, writing for *Birding* magazine about his own recent visits to that area.

Of a sun coffee plantation in Panama, Mr. Kricher said, there were birds but far fewer species than in any of the surrounding habitats.

As long ago as 1932, the value of shaded coffee plantations to birds was noted. Ludlow Griscom, ornithologist at the American Museum of Natural History in New York City and at Harvard, visited Guatemala that year and reported that coffee plantations there, all shaded then, were inhabited by a wide range of bird species.

Progress caught up with many of those shady sanctuaries. It was called coffee technification, the change to sun-flooded fields, chemically enhanced. This was promoted widely by the United States as a way to help developing countries make economic progress.

Today, the U.S. Agency for International Aid, the World Bank and its affiliate the Global Environmental Fund, are correcting past mistakes, helping to develop shaded farms and organic growing methods.

Making this change back to shade coffee plantations and farms is not simple. Even the definition of the term shade is complex. How much shade is required to grow shade coffee? How high must the overstory be? What species of trees are best? If you are marketing shade coffee, and charging the premium price that the market presently sees, just how do you define the product? What is shade coffee?

The Smithsonian Migratory Bird Center has copyrighted the term "Bird-Friendly" for coffee, and promotes strict criteria as a model for labeling shade-grown coffee: recommended minimum of 10 species of shade trees, no more than 70 percent of the tree species *Inga vera*, minimum shade cover at noon of 40 percent, minimum height of 33 feet for the backbone trees in the growing area, some shorter and taller trees mixed in, limited pruning of shade trees, non-removal of epiphytes (plants growing in the trees), and, where possible, maintenance of road and stream buffer areas.

Is this a universally accepted set of standards? No.

When I was seeking information for this article, Alan Krohnke, son of Alyce Krohnke, a member of Minnesota Birding Network, responded from his viewpoint as a partner in a Minneapolis wholesale coffee business.

"The shade-coffee story is incredibly complex," he said, "and the coffee industry is at loggerheads over it."

"There are coffees that are certified shade-grown by the Smithsonian and other certified boards that are less bird-safe than non-certified regular and organic coffees. It makes sense to support any variety of shade-grown (coffee) and the conversion of sun crops to shade crops," he said, "instead of declaring only the coffee from virgin farms as politically correct to consume."

"We support shade growing," Mr. Krohnke said, "because the cup quality of the coffee is superior, and it is the only sustainable way to produce true specialty coffee."

Beyond flavor and friendliness to birds, there are other issues.

Is the coffee marketed by a farmer cooperative or, more specifically, is it fair-trade coffee? This sales structure

gives the grower some control over prices, thus providing a better income.

Is the coffee organic? Is it ecological coffee? Is it a sustainable crop?

And who defines these terms?

It is possible, you see, to buy coffee that is double or triple labeled bird-friendly, fair-traded, organic coffee, not to mention regular or decaf and maybe touched with hazelnut or amaretto, too.

Pour yourself another cup, and stay tuned. The issue has rapidly come a long way, and has a way to go. And a raw egg in the pot (my mother's trick for clarifying coffee) is not going to help here.

In the meantime, there is little question that shade coffee is good for the birds. As a consumer, you simply need to search out the product. Ask questions about where the coffee comes from and how it is grown. A little education here will help you make a decision and alert merchants to the desire of the marketplace for clear standards and product broadly available.

Watch the media for more information. The Minneapolis Star Tribune has offered stories and comments on the issue. The Atlantic Monthly had a story in August (1999) about shade coffee. National Public Radio is paying attention. The Washington Post wrote about the issue late this summer. A very detailed discussion of shade coffee, its history, and the issues is scheduled to appear in the February 2000 issue of *Birding*, the magazine of the American Birding Association. This comprehensive presentation is recommended reading.

Coffee provides an extraordinary opportunity for those of us who drink it to help birds on a daily basis. Our simple cup of coffee now offers goodness as well as pleasure.

KINDS OF COFFEE

By Jim Williams

Is shade coffee available in the range of roast, flavor, and a variety of choices you currently find for ordinary coffee?

It's much the same. You have broad choices.

Here is a sample of what is available from local producers and wholesalers, and from national companies selling shade coffee here.

Constellation Coffees and Teas, a Bloomington distributor, offers dark roast, light roast, and a medium-roast decaf.

You can order this as whole-bean coffee or ground. You also can specify organic only.

Headwaters International, moving its coffees to the brand name Peace Coffees, wholesales to many co-ops in Minnesota, for bulk-bin sales. In one of these outlets you could expect to find as many as 20 bins of coffee representing half a dozen different coffee companies. You could find coffees from Mexico, Columbia, Guatemala, Kenya, Indonesia, and perhaps Nicaragua and Brazil. This coffee would be organic (90 percent of it), and would include shade-grown varieties.

The display would include a variety of roasts, lighter or darker. You would see decaf coffee as well. There would be fewer choices in flavored coffee than you might find in your neighborhood market.

Headwaters International buys its coffee direct from farmers, instead of through a broker, focusing on the fair-trade aspect of the industry. "By purchasing the coffee direct from the farmer or his cooperative, and guaranteeing a minimum price, we are supporting the farmer and his community structure," said Scott Patterson, manager of the Headwaters operation.

"The idea is to build a long-term relationship and allow these people to earn a living growing coffee. If you're buying from a farmer who grows organic coffee in the shade, this also supports sustainable agriculture," he said.

Another brand name available in Minnesota, Song Bird, distributed by Thanksgiving Coffee, a northern California company. They offer blends from Costa Rica, Guatemala, and Nicaragua, a French Roast from Mexico, a hazelnut flavor, and a Swiss-water decaf. The Guatemalan blends carry the ECO-OK sticker. The French, decaf, and hazelnut coffees are certified organic. The coffee comes as beans or ground.

Peter Matlin, who directs the Song Bird project for Thanksgiving Coffee, explained in a recent interview that its coffee is certified organic by an independent third-party certifier, the Organic Crop Improvement Association. Certification as shade grown comes from the Rainforest Alliance, the group that issues the ECO-OK sticker seen on some coffees. Fair-trade certification comes from Transfair, another third-party organization.

Mr. Matlin said his company is looking for birders as customers. "You'll find our coffees in bird stores, nature centers, museums, and zoo gift shops. We want to find the birders and educate them on this issue."

In 1997, Thanksgiving Coffee formed what Mr. Matlin termed a strategic philanthropic alliance with the American Birding Association, which sells Song Bird coffee by mail. The ABA receives 15 cents for each pound of Song Bird coffee sold anywhere. ABA spends the money on

conservation programs, specifically Birders Exchange and the ABA's Partners in Flight efforts.

Thanksgiving Coffee Company:
P.O. Box 1918
19100 South Harbor Drive
Fort Bragg, CA 95437
<http://www.songbirdcoffee.com/>

In St. Paul, MN, a new effort at providing shade coffee for drinkers here is underway by a group called Cloudforest Initiative. Shelley Sherman, U.S. coordinator for Cloudforest, explained that it buys coffee beans from a fair-trade importer in Georgia. The beans roasted in and distributed from St. Paul, come exclusively from a Mayan Indian collective in Chiapas, Mexico.

"Cloudforest is a shade-grown, bird-friendly, natural coffee," Ms. Sherman said, "grown without chemicals. It is not certified yet, because certification takes a while, but it is chemical-free. We are a non-profit group involved in sustainable development projects in Chiapas, to bring money back to those communities."

Available by mail from New Ulm, is shade coffee, grown by Mayan Indians in the mountains of Guatemala. It comes from the mission of San Lucas Toliman, operated under the sponsorship of the Catholic Archdiocese of New Ulm. The brand name is Juan Ana Coffee.

Fr. Greg Schaffer, a native of St. Paul, MN, is one of two priests working at the mission. Coffee is an important source of income for the people in the area, he explained during a telephone visit.

The process begins with helping the residents get their own three-acre parcels of land. On two acres they grow corn, black beans, and squash, their staple foods. The third acre is devoted to a cash crop.

"We wanted a quality product desirable on the world market. In this area, at 5,000 feet elevation, that is coffee. We have the altitude, deep volcanic-ash soil, and warm days and cool nights. All of our coffee is grown under shade trees. And because of the elevation, there is no need for insecticides or fungicides."

The birds found in the shade trees are important to the farmers, too, Fr. Schaffer said. Their relationship with nature is very close.

"The farmers set the price for the coffee. They also are involved in the initial stages of processing the beans, which is begun the day of harvest", Fr. Schaffer said. The coffee is roasted and bagged in Guatemala, then shipped by air to New Ulm for sale by mail order. No person or institution other than the farmer earns money from this coffee. It is available as ground or whole bean in Arabica or Bourbon varieties.

Minneapolis-based Caribou Coffee, with 126 stores in several states, offers its Rainforest coffee as its entry in the shade derby. Rainforest is 60 percent certified shade grown, according to Robert Dattala, master roaster for Caribou. The other 40 percent of the blend is grown on farms which set aside a percentage of their land as virgin forest. The coffee is grown on the remaining land in what he termed moderate shade.

"Certification is an issue of its own," he said. "In truth and fairness, there are many wonderful shade-grown coffees not so certified. The standards vary. Many of our other coffees are shade grown," Mr. Dattala said, "but do not have certification."

Rainforest is available as decaf, also, and can be bought by the cup if it is one of the coffee's of the day at Caribou stores.

In Duluth, MN, Alakef Coffee Roasters, Inc., has shade-grown organic coffee from Guatemala, Mexico, Peru, and Samatra. Other shade-grown varieties are available from Ethiopia, Panama, New Guinea, and Samatra, according to Roy Alexander of Alakef. He explained that their shade coffees are so designated by the brokers from whom they buy.

From Hayward, WI, comes Granado Coffee, a new company selling "specialty coffee with a conscience", as its logo says. The owner is James Cameron, long-time producer of coffee you might have purchased under the Cameron Coffee label. Mr. Cameron has spun off his former business to focus on coffees that are stretch-dried, shade grown, or organic, or some mix of those qualities. The new label bears the name Dos Gallos.

The shade grown Dos Gallos is certified, coming from a forested environment that has undergone minimal disturbance, said Mr. Cameron.

Starbucks, with several locations in the Twin Cities, recently began selling shade coffee. "It's the first of what we hope will be a more comprehensive line of shade grown coffee", said Sue Mecklenburg, director of environmental and community affairs at Starbucks headquarters in Seattle.

Starbucks shade coffee comes from Chiapas, Mexico. The farms supplying the coffee work with an organization called Conservation International (CI), a non-profit group working in 27 countries to help preserve biodiversity.

"Starbucks entered into a three-year partnership with CI to support farmers who grow coffee in environmentally sensitive ways", said Ms. Mecklenburg. "We provide technical and financial assistance to farmers. We buy their coffee. And we're working to let the public know about the connection between coffee and conservation."

Starbucks is another place you might buy a cup of brewed shade grown coffee, again when shade grown is one of the brewed coffees of the day.

Counter Culture Coffee, from Durham, N.C., sells shade coffee from several South and Central American countries under its own Sanctuary Coffee label, available by mail, and packages shade coffee under the Undercover label for Wild Bird Center stores.

SHADE COFFEE IN SHREVEPORT-BOSSIER

By Jim Ingold

I made a quick survey of area coffee shops and suppliers to see if anyone in Shreveport-Bossier sells shade coffee.

Community Coffee offers Venezuela Mezzana Estate in both regular and decaffeinated on their web site. They mention that it is organically grown but do not specifically say that it is shade coffee. However, when I searched their web page for shade coffee, the Venezuela Mezzana Estate was found. You can order these coffees on-line at: <http://www.communitycoffee.com/>

Community Coffee Company, L.L.C.
4000 S. Sherwood Forest Blvd.
Baton Rouge, LA 70816

Phone: (800) 535-9149
Fax: (800) 643-8199
Email: ccc@communitycoffee.com

Song Bird Coffee that is mentioned in the articles above is not sold in Louisiana according to their website. In fact Louisiana along with Kentucky, Hawaii, and the District of Columbia are the only states that have no outlet for their shade coffee. (Note: Wild Birds Unlimited in Lafayette, LA has some they are selling but I was told they might not stock it in the future.) I talked to the following businesses in Shreveport-Bossier and none of them offer shade coffee for sale: Butterfields (Pierre Bossier Mall), Kitchen Works, Barnes and Noble, Books-A-Million, Jelks Coffee, Farmer Brothers Coffee, Olympic Market, and Maxwell's Market. The closest sources to Shreveport-Bossier for shade coffee is Three Rivers Audubon Society, Pine Bluff, AR, or Wild Bird Unlimited stores in Jackson, MI or Dallas/Fort Worth TX.

Use your Kroger Card It helps the BSG.

BIRD NOTES - DECEMBER

Compiled December 21, 1999

Report bird records for the Newsletter to Donna Burney (742-6829) or to Will Smolenski (865-2938) by the 15th of each month. Only records not printed since the last Newsletter are published.

Following each species is a line of data in the following format: date, initials of observer, number of birds observed; initials of another observer, number of birds observed, etc. For example: 01/12/99 PD 2 means that on 01/12/99 PD saw 2 birds. For the number of birds observed, a one is used both for one specimen and for numbers not reported by the observer. All bird records reported here are the responsibility of the observer. The Bird Study Group is reporting observations on the word of the observers.

OBSERVERS

Abbreviation	Name	Date and Place
BSG	Bird Study Group	09/18/99 Stoner Boat Launch Woods
CL&JI	Charles Lyon&Jim Ingold	12/18/99 ShreveportCBC: I-220 at Red River; 12/18/99 ShreveportCBC: LA 1 and 71 N. of I-220 to split; 12/18/99 ShreveportCBC: LA 1 N. of split; 12/18/99 ShreveportCBC: Mallard Bay; 12/18/99 ShreveportCBC: Pine Island and Cross Lake; 12/18/99 ShreveportCBC:N. Lakeshore Dr.
CL,L&BR	Charles Lyon, Larry & Ben Raymond	12/04/99 Louisiana side of Caddo Lake
HH	Hubert Hervey	09/??/99 Hervey Dairy Farm
HH&TD	Hubert Hervey&TerryDavis	07/31/99 Red River in North Caddo Parish
JI	Jim Ingold	12/04/99 Clyde Place Vivian Rd.; 12/04/99 Crawford Rd.; 12/04/99 LA 530 east of Oil City; 12/04/99 North Oil City to Jct of LA 1 and 538 and Roads. West; 12/04/99 Self Rd. (far west end); 12/05/99 The Cove on Cross Lake; 12/08/99 The Cove on Cross Lake
LRR	Larry R. Raymond	11/26/99 Cross Lake behind "The Cove" on Dilg League Drive; 12/07/99 Walter B. Jacobs Memorial Nature Park
MH	Mac Hardy.	12/07/99 Shreveport: LSUS campus; 12/13/99 Shreveport: LSUS campus.
PD	Paul Dickson	12/20/99 Red River
RS	Rosemary Seidler	12/16/99 Centenary College; 12/18/99 Line Ave.&Prospect St.
RS&VL	Rosemary Seidler&Vickie Lefevre	12/04/99 Caddo Lake Count: Boyter Lane; 12/04/99 Caddo Lake Count: HWY 2; 12/04/99 Caddo Lake Count: Section 22 Rd.; 12/04/99 Caddo Lake Count: Stacey Landing Rd.; 12/18/99 Shreveport CBC: Boot Hill Speedway; 12/18/99 Shreveport CBC: HWY 169; 12/18/99 Shreveport CBC: S. Lakeshore Dr. - west end; 12/18/99 Shreveport CBC: State Line Rd.

OBSERVERS

Abbreviation	Name	Date and Place
S&CM,LRR	Sally & Charles Moffet, Larry R. Raymond	12/05/99 Cross Lake at 2414 Lakecrest Drive
TD	TerryDavis	07/29/99 Stoner Boat Launch Woods; 07/30/99 Stoner Boat Launch Woods; 08/08/99 Clyde Fant at Jimmie Davis Bridge and Marie Hamel Memorial Park; 08/08/99 Stoner Boat Launch Woods; 08/11/99 Stoner Boat Launch Woods; 08/17/99 Stoner Boat Launch Woods; 08/27/99 Lock and Dam No. 4; 08/27/99 Stoner Boat Launch Woods; 08/29/99 Stoner Boat Launch Woods; 08/30/99 Stoner Boat Launch Woods; 08/31/99 1100 Block Wells Island Rd. and field at dead end; 08/31/99 C. Bickham-Dickson Park; 08/31/99 Stoner Boat Launch Woods; 09/01/99 Stoner Boat Launch Woods; 09/02/99 Residence:801 Anthony St. Bossier City; 09/02/99 Stoner Boat Launch Woods; 09/07/99 Residence: 801 Anthony St. Bossier City; 09/08/99 Residence: 801 Anthony St. Bossier City; 09/08/99 Stoner Boat Launch Woods; 09/09/99 Stoner Boat Launch Woods; 09/12/99 Stoner Boat Launch Woods; 09/13/99 Stoner Boat Launch Woods; 09/13/99 Wells Island Rd.; 09/14/99 Stoner Boat Launch Woods; 09/15/99 Stoner Boat Launch Woods; 09/16/99 Fields@University Oaks Apts. MLK and S'port-Blanchard HWY; 09/16/99 Mallard Bay; 09/16/99 Walter B. Jacob's Nature Park; 09/17/99 Stoner Boat Launch Woods; 09/21/99 1100 block Wells Island Rd. and field at dead end; 09/21/99 Old Brownlee Rd.; 09/21/99 Stoner Boat Launch Woods; 09/22/99 Stoner Boat Launch Woods; 09/24/99 Stoner Boat Launch Woods; 09/24/99 Wells Island Road; 09/25/99 Stoner Boat Launch Woods; 09/25/99 Wells Island Road
TD&BW	Terry Davis&Bill Wood	09/19/99 Stoner Boat Launch Woods
TD&LP	Terry Davis&Lily Poole	09/08/99 Stoner Boat Launch Woods
TD&LR	Terry Davis&Larry Raymond	09/06/99 1100 Block Wells Island Rd. and field at dead end; 09/06/99 Stoner Boat Launch Woods; 09/11/99 Stoner Boat Launch Woods
TD&RS	Terry Davis&Rosemary Seidler	09/04/99 Stoner Boat Launch Woods
TD&SD	TerryDavis&Stella Davis	07/17/99 Flournoy-Lucas Rd. and LA 1; 07/17/99 Stoner Boat Launch Woods; 07/24/99 Clyde Fant at Jimmie Davis Bridge and Marie Hamel Park; 07/24/99 I-49 Evelyn Exit; 07/24/99 I-49 Powhatan Exit; 07/24/99 Lock and Dam No. 4; 07/24/99 Natchitoches Fish Hatchery; 08/28/99 Stoner Boat Launch Woods; 09/19/99 Richard Fleming Park
TD,MD,JT&JT	Terry Davis, Mike Dillon, Jeff Trahan, & Jean Trahan	09/05/99 Stoner Boat Launch Woods
TD,SD,LP&MD	TerryDavis, StellaDavis, LilyPoole&MikeDillon	08/14/99 I-49 at Powhatan Exit; 08/14/99 Lock and Dam No. 4; 08/14/99 Sod Farm near Powhatan Exit; 08/14/99 Stoner Boat Launch Woods

RECORDS

Common Name	Date
Pied-billed Grebe	11/26/99 LRR 1; 12/04/99 CL,L&BR 15; 12/04/99 JI 1; 12/04/99 RS&VL 8; 12/05/99 S&CM,LRR 1; 12/08/99 JI 7; 12/18/99 CL&JI 56; 12/18/99 CL&JI 34
Horned Grebe	12/18/99 CL&JI 1
American White Pelican	11/26/99 LRR 25; 12/05/99 S&CM,LRR 25; 12/05/99 JI 70; 12/08/99 JI 268; 12/18/99 CL&JI 242
Double-crested Cormorant	09/05/99 TD,MD,JT&JT 1; 11/26/99 LRR 50; 12/04/99 CL,L&BR 1094; 12/04/99 RS&VL 57; 12/04/99 RS&VL 2; 12/05/99 JI 5; 12/05/99 S&CM,LRR 3; 12/08/99 JI 80; 12/18/99 CL&JI 3892; 12/18/99 CL&JI 1; 12/18/99 CL&JI 7; 12/18/99 CL&JI 122; 12/18/99 CL&JI 47
Anthinga	12/04/99 RS&VL 1
Great Blue Heron	11/26/99 LRR 1; 12/04/99 CL,L&BR 10; 12/04/99 RS&VL 1; 12/04/99 RS&VL 1; 12/05/99 JI 1; 12/08/99 JI 3; 12/18/99 CL&JI 42; 12/18/99 CL&JI 5; 12/18/99 CL&JI 2; 12/18/99 CL&JI 3
Great Egret	11/26/99 LRR 2; 12/04/99 CL,L&BR 15; 12/04/99 RS&VL 1; 12/04/99 RS&VL 1; 12/04/99 JI 5; 12/05/99 JI 2; 12/05/99 S&CM,LRR 1; 12/08/99 JI 4; 12/18/99 CL&JI 18; 12/18/99 CL&JI 2; 12/18/99 CL&JI 240; 12/18/99 CL&JI 16
Little Blue Heron	11/26/99 LRR 1
Tricolored Heron	07/24/99 TD&SD 3; 08/14/99 TD,SD,LP&MD 1
Cattle Egret	12/04/99 JI 16; 12/04/99 RS&VL 16; 12/18/99 CL&JI 11
Green Heron	09/12/99 TD 2
Black-crowned Night-Heron	12/18/99 CL&JI 1
White Ibis	09/08/99 TD&LP 11; 12/18/99 CL&JI 75; 12/18/99 CL&JI 2
White-faced Ibis	08/14/99 TD,SD,LP&MD 1
Black Vulture	12/04/99 JI 6; 12/04/99 JI 17; 12/04/99 RS&VL 18; 12/04/99 RS&VL 4; 12/18/99 CL&JI 20; 12/18/99 CL&JI 2; 12/18/99 RS&VL 4; 12/18/99 RS&VL 2; 12/18/99 RS&VL 1
Turkey Vulture	12/04/99 CL,L&BR 8; 12/04/99 JI 1; 12/04/99 JI 2; 12/04/99 JI 4; 12/04/99 RS&VL 15; 12/04/99 RS&VL 1; 12/04/99 RS&VL 4; 12/04/99 JI 7; 12/04/99 RS&VL 1; 12/18/99 CL&JI 6; 12/18/99 CL&JI 2; 12/18/99 CL&JI 15; 12/18/99 RS&VL 6; 12/18/99 RS&VL 9; 12/18/99 RS&VL 9; 12/18/99 RS&VL 2; 12/18/99 RS&VL 4
Wood Duck	07/24/99 TD&SD 52; 12/04/99 RS&VL 4; 12/04/99 RS&VL 4; 12/04/99 JI 2; 12/05/99 S&CM,LRR 1; 12/18/99 CL&JI 2; 12/18/99 CL&JI 6
Green-winged Teal	11/26/99 LRR 8; 12/05/99 JI 15; 12/08/99 JI 20; 12/18/99 CL&JI 23
Mallard	07/24/99 TD&SD 2; 08/14/99 TD,SD,LP&MD 17; 12/04/99 CL,L&BR 2; 12/05/99 JI 25; 12/08/99 JI 25; 12/18/99 CL&JI 103; 12/18/99 CL&JI 5; 12/18/99 CL&JI 4; 12/18/99 CL&JI 10
Northern Shoveler	11/26/99 LRR 2; 12/04/99 CL,L&BR 100; 12/05/99 S&CM,LRR 4; 12/05/99 JI 2; 12/08/99 JI 2; 12/18/99 CL&JI 105; 12/18/99 CL&JI 3; 12/18/99 CL&JI 17
Gadwall	11/26/99 LRR 8; 12/05/99 S&CM,LRR 1; 12/05/99 JI 6; 12/08/99 JI 11; 12/18/99 CL&JI 5; 12/18/99 CL&JI 115
American Wigeon	12/18/99 CL&JI 2; 12/18/99 CL&JI 1
Canvasback	12/04/99 CL,L&BR 8; 12/18/99 CL&JI 204; 12/18/99 CL&JI 10
Redhead	12/18/99 CL&JI 8
Ring-necked Duck	12/04/99 CL,L&BR 25; 12/04/99 RS&VL 30; 12/08/99 JI 5; 12/18/99 CL&JI 182; 12/18/99 CL&JI 12; 12/18/99 CL&JI 17
Greater Scaup	12/18/99 CL&JI 1
Lesser Scaup	12/04/99 CL,L&BR 18; 12/05/99 S&CM,LRR 1; 12/08/99 JI 1; 12/18/99 CL&JI 46; 12/18/99 CL&JI 19
Common Goldeneye	12/04/99 JI 1
Bufflehead	11/26/99 LRR 20; 12/04/99 CL,L&BR 53; 12/05/99 S&CM,LRR 20; 12/05/99 JI 1; 12/08/99 JI 23; 12/18/99 CL&JI 144; 12/18/99 CL&JI 7
Hooded Merganser	12/04/99 JI 24; 12/18/99 CL&JI 45; 12/18/99 CL&JI 1
Red-breasted Merganser	12/04/99 CL,L&BR 1
Ruddy Duck	11/26/99 LRR 8; 12/04/99 CL,L&BR 30; 12/05/99 S&CM,LRR 6; 12/08/99 JI 4; 12/18/99 CL&JI 7686; 12/18/99 CL&JI 3
Mississippi Kite	08/14/99 TD,SD,LP&MD 7
Bald Eagle	12/04/99 RS&VL 1
Sharp-shinned Hawk	12/04/99 RS&VL 1; 12/08/99 JI 1; 12/18/99 CL&JI 1
Cooper's Hawk	12/18/99 CL&JI 1
Red-shouldered Hawk	09/05/99 TD,MD,JT&JT 1; 12/04/99 RS&VL 2; 12/04/99 RS&VL 1; 12/04/99 JI 1; 12/04/99 RS&VL 5; 12/04/99 RS&VL 2; 12/05/99 JI 1; 12/18/99 CL&JI 2; 12/18/99 RS&VL 2; 12/18/99 RS&VL 1
Broad-winged Hawk	09/04/99 TD&RS 1; 09/06/99 TD&LR 1; 09/25/99 TD 1
Red-tailed Hawk	09/24/99 TD 2; 12/04/99 CL,L&BR 1; 12/04/99 JI 1; 12/04/99 RS&VL 1; 12/04/99 JI 1; 12/08/99 JI 1; 12/16/99 RS 2; 12/18/99 CL&JI 5; 12/18/99 CL&JI 1; 12/18/99 CL&JI 1; 12/18/99 RS&VL 1
American Kestrel	12/04/99 RS&VL 2; 12/04/99 JI 2; 12/18/99 CL&JI 4; 12/18/99 CL&JI 1
Virginia Rail	07/24/99 TD&SD 1; 12/04/99 JI 1

RECORDS

Common Name	Data
Sora	09/25/99 TD 1
Common Moorhen	07/24/99 TD&SD 9, 08/14/99 TD,SD,LP&MD 4
American Coot	11/26/99 LRR 6, 12/04/99 CL,L&BR 879, 12/04/99 RS&VL 280, 12/04/99 JI 50, 12/05/99 JI 35, 12/08/99 JI 21, 12/18/99 CL&J 8250, 12/18/99 CL&J 456
Killdeer	11/26/99 LRR 3, 12/05/99 S&CMLRR 5, 12/05/99 JI 17, 12/08/99 JI 9, 12/18/99 CL&J 2, 12/18/99 CL&J 11, 12/18/99 RS&VL 16, 12/18/99 RS&VL 3
Black-necked Stilt	08/14/99 TD,SD,LP&MD 12
Solitary Sandpiper	08/08/99 TD 1, 08/14/99 TD,SD,LP&MD 1
Willet	07/24/99 TD&SD 2, 08/14/99 TD,SD,LP&MD 1
Spotted Sandpiper	07/24/99 TD&SD 1, 07/24/99 TD&SD 1, 07/31/99 HH&TD 40, 08/08/99 TD 1, 08/14/99 TD,SD,LP&MD 1, 09/21/99 TD 1, 12/18/99 CL&J 1
Upland Sandpiper	08/14/99 TD,SD,LP&MD 4
Long-billed Curlew	12/20/99 PD 1
Semipalmated Sandpiper	07/24/99 TD&SD 1, 07/24/99 TD&SD 10, 07/31/99 HH&TD 2, 08/14/99 TD,SD,LP&MD 2, 08/14/99 TD,SD,LP&MD 13
Western Sandpiper	07/24/99 TD&SD 9, 08/08/99 TD 1, 08/14/99 TD,SD,LP&MD 2
Least Sandpiper	07/24/99 TD&SD 6, 07/31/99 HH&TD 6, 08/14/99 TD,SD,LP&MD 68, 11/26/99 LRR 25, 12/05/99 JI 45, 12/08/99 JI 39
Pectoral Sandpiper	07/24/99 TD&SD 2, 07/31/99 HH&TD 5, 08/14/99 TD,SD,LP&MD 8, 08/14/99 TD,SD,LP&MD 8
Stilt Sandpiper	07/24/99 TD&SD 3
Long-billed Dowitcher	07/24/99 TD&SD 1
Common Snipe	11/26/99 LRR 8, 12/04/99 JI 1, 12/08/99 JI 13, 12/18/99 CL&J 1, 12/18/99 CL&J 13
Bonaparte's Gull	12/04/99 CL,L&BR 5, 12/18/99 CL&J 275, 12/18/99 CL&J 21, 12/18/99 CL&J 1
Ring-billed Gull	11/26/99 LRR 19, 12/04/99 CL,L&BR 71, 12/04/99 RS&VL 1, 12/05/99 JI 20, 12/05/99 S&CMLRR 4, 12/07/99 MH 86, 12/08/99 JI 27, 12/13/99 MH 100, 12/16/99 RS 31, 12/18/99 CL&J 1292, 12/18/99 CL&J 86, 12/18/99 CL&J 1, 12/18/99 CL&J 2
Herring Gull	12/04/99 CL,L&BR 2, 12/18/99 CL&J 2
Forster's Tern	07/31/99 HH&TD 1, 12/08/99 JI 12, 12/18/99 CL&J 70, 12/18/99 CL&J 25, 12/18/99 CL&J 3
Least Tern	07/31/99 HH&TD 59
Black Tern	07/31/99 HH&TD 1
Rock Dove	12/04/99 CL,L&BR 45, 12/04/99 JI 11, 12/04/99 JI 2, 12/18/99 CL&J 1, 12/18/99 RS&VL 3
Mourning Dove	12/04/99 RS&VL 1, 12/04/99 JI 5, 12/07/99 LRR 1, 12/08/99 JI 1, 12/18/99 CL&J 7, 12/18/99 CL&J 3, 12/18/99 CL&J 1, 12/18/99 CL&J 2
Inca Dove	12/18/99 RS 3
Yellow-billed Cuckoo	08/31/99 TD 5, 08/31/99 TD 1, 09/05/99 TD,MD,JT&JT 4, 09/06/99 TD&LR 1, 09/11/99 TD&LR 1, 09/12/99 TD 1, 09/15/99 TD 2, 09/17/99 TD 1, 09/18/99 BSG 1, 09/19/99 TD&BW 2, 09/24/99 TD 1
Eastern Screech-Owl	08/31/99 TD 2, 12/04/99 JI 1
Great Horned Owl	12/18/99 CL&J 1
Barred Owl	09/19/99 TD&SD 1, 12/18/99 CL&J 1, 12/18/99 CL&J 1, 12/18/99 CL&J 2
Common Nighthawk	09/08/99 HH 31, 09/08/99 TD 76
Chuck-will's-widow	09/21/99 TD 1
Chimney Swift	09/24/99 TD 8, 09/25/99 TD 49
Ruby-throated Hummingbird	07/29/99 TD 5, 08/14/99 TD,SD,LP&MD 13, 08/28/99 TD&SD 4, 08/29/99 TD 6, 08/30/99 TD 5, 08/31/99 TD 6, 09/06/99 TD&LR 2, 09/06/99 TD&LR 2, 09/12/99 TD 1, 09/18/99 BSG 1, 09/19/99 TD&BW 7, 09/24/99 TD 1, 09/25/99 TD 1
Ringed Kingfisher	11/26/99 LRR 1
Belted Kingfisher	11/26/99 LRR 2, 12/04/99 CL,L&BR 3, 12/04/99 RS&VL 1, 12/04/99 RS&VL 1, 12/04/99 RS&VL 1, 12/05/99 JI 1, 12/05/99 S&CMLRR 1, 12/08/99 JI 2, 12/18/99 CL&J 3, 12/18/99 CL&J 3, 12/18/99 CL&J 2, 12/18/99 CL&J 1
Red-headed Woodpecker	12/04/99 RS&VL 1
Red-bellied Woodpecker	12/04/99 RS&VL 1, 12/04/99 RS&VL 2, 12/04/99 RS&VL 5, 12/04/99 RS&VL 10, 12/04/99 JI 1, 12/04/99 JI 3, 12/05/99 S&CMLRR 1, 12/07/99 LRR 1, 12/18/99 CL&J 4, 12/18/99 CL&J 1, 12/18/99 CL&J 2, 12/18/99 RS&VL 9, 12/18/99 RS&VL 2
Yellow-bellied Sapsucker	09/22/99 TD 1, 12/04/99 JI 2, 12/04/99 RS&VL 2, 12/04/99 RS&VL 7, 12/18/99 CL&J 1, 12/18/99 RS&VL 8, 12/18/99 RS&VL 2
Downy Woodpecker	12/04/99 JI 1, 12/04/99 JI 1, 12/04/99 RS&VL 2, 12/04/99 RS&VL 4, 12/04/99 RS&VL 1, 12/04/99 RS&VL 2, 12/18/99 CL&J 3, 12/18/99 CL&J 1, 12/18/99 RS&VL 1, 12/18/99 RS&VL 3
Hairy Woodpecker	12/18/99 RS&VL 1
Northern Flicker	12/04/99 RS&VL 1, 12/04/99 RS&VL 3, 12/04/99 RS&VL 1, 12/04/99 RS&VL 1, 12/04/99 JI 1, 12/05/99 JI 1, 12/18/99 CL&J 2, 12/18/99 CL&J 6, 12/18/99 RS&VL 4, 12/18/99 RS&VL 3
Pileated Woodpecker	12/04/99 JI 1, 12/04/99 RS&VL 1, 12/18/99 CL&J 1
Eastern Wood-Pewee	08/27/99 TD 2, 08/28/99 TD&SD 4, 08/31/99 TD 3, 08/31/99 TD 3, 09/04/99 TD&RS 2, 09/05/99 TD,MD,JT&JT 2, 09/06/99 TD&LR 1, 09/08/99 TD 3, 09/11/99 TD&LR 4, 09/12/99 TD 1, 09/18/99 BSG 1, 09/19/99 TD&BW 3, 09/21/99 TD 4, 09/24/99 TD 1, 09/25/99 TD 2
Yellow-bellied Flycatcher	08/27/99 TD 1, 09/18/99 BSG 1
Acadian Flycatcher	08/11/99 TD 1, 08/17/99 TD 1, 08/28/99 TD&SD 1, 08/31/99 TD 1, 09/02/99 TD 1, 09/04/99 TD&RS 1, 09/11/99 TD&LR 1, 09/15/99 TD 1, 09/17/99 TD 1, 09/18/99 BSG 1, 09/21/99 TD 1, 09/24/99 TD 4, 09/25/99 TD 1
Alder Flycatcher	08/11/99 TD 2, 08/31/99 TD 2, 09/12/99 TD 1
Least Flycatcher	08/29/99 TD 1, 08/31/99 TD 1, 08/31/99 TD 2, 09/04/99 TD&RS 1, 09/06/99 TD&LR 1, 09/09/99 TD 2, 09/12/99 TD 2, 09/13/99 TD 1, 09/24/99 TD 2
Eastern Phoebe	09/21/99 TD 1, 11/26/99 LRR 1, 12/04/99 RS&VL 8, 12/04/99 RS&VL 2, 12/04/99 RS&VL 4, 12/04/99 RS&VL 1, 12/04/99 JI 5, 12/08/99 JI 1, 12/18/99 CL&J 6, 12/18/99 CL&J 5, 12/18/99 CL&J 1, 12/18/99 RS&VL 4
Great Crested Flycatcher	08/14/99 TD,SD,LP&MD 8, 08/28/99 TD&SD 2, 08/30/99 TD 2, 08/31/99 TD 2, 09/01/99 TD 1, 09/04/99 TD&RS 5, 09/05/99 TD,MD,JT&JT 2, 09/06/99 TD&LR 4, 09/08/99 TD 2, 09/09/99 TD 2, 09/11/99 TD&LR 7, 09/12/99 TD 1, 09/14/99 TD 1, 09/15/99 TD 3, 09/17/99 TD 3, 09/18/99 BSG 1, 09/19/99 TD&BW 2, 09/21/99 TD 1, 09/22/99 TD 1, 09/24/99 TD 1
Western Kingbird	07/17/99 TD&SD 2
Eastern Kingbird	08/27/99 TD 1, 09/07/99 TD 30, 09/09/99 TD 1, 09/11/99 TD&LR 18
Scissor-tailed Flycatcher	09/08/99 TD&LP 1, 09/18/99 BSG 1, 09/21/99 TD 1, 09/21/99 TD 27, 09/24/99 TD 2
Loggerhead Shrike	12/04/99 JI 1, 12/18/99 CL&J 9, 12/18/99 RS&VL 1
White-eyed Vireo	08/28/99 TD&SD 1, 09/06/99 TD&LR 1, 09/09/99 TD 2, 09/11/99 TD&LR 8, 09/12/99 TD 5, 09/13/99 TD 2, 09/14/99 TD 4, 09/15/99 TD 4, 09/17/99 TD 2, 09/18/99 BSG 4, 09/19/99 TD&BW 2, 09/21/99 TD 2, 09/22/99 TD 5, 09/24/99 TD 8, 09/25/99 TD 3
Blue-headed Vireo	12/04/99 RS&VL 1, 12/18/99 CL&J 1
Yellow-throated Vireo	09/11/99 TD&LR 1
Warbling Vireo	07/29/99 TD 1, 08/29/99 TD 2, 08/31/99 TD 1, 08/31/99 TD 1, 09/04/99 TD&RS 1, 09/05/99 TD,MD,JT&JT 2, 09/08/99 TD 1, 09/09/99 TD 1, 09/11/99 TD&LR 4, 09/12/99 TD 8, 09/13/99 TD 1, 09/14/99 TD 1, 09/17/99 TD 2, 09/18/99 BSG 8, 09/19/99 TD&BW 2, 09/22/99 TD 1, 09/24/99 TD 1
Philadelphia Vireo	09/15/99 TD 1, 09/17/99 TD 1, 09/18/99 BSG 3, 09/19/99 TD&BW 1, 09/22/99 TD 3, 09/24/99 TD 1, 09/25/99 TD 3
Red-eyed Vireo	08/27/99 TD 21, 08/28/99 TD&SD 2, 08/30/99 TD 3, 09/04/99 TD&RS 1, 09/05/99 TD,MD,JT&JT 2, 09/06/99 TD&LR 6, 09/08/99 TD 1, 09/09/99 TD 2, 09/11/99 TD&LR 7, 09/12/99 TD 4, 09/14/99 TD 6, 09/15/99 TD 4, 09/17/99 TD 1, 09/18/99 BSG 3, 09/19/99 TD&BW 2, 09/21/99 TD 1
Blue Jay	12/04/99 RS&VL 4, 12/04/99 RS&VL 10, 12/04/99 RS&VL 11, 12/04/99 RS&VL 2, 12/04/99 JI 2, 12/04/99 JI 5, 12/04/99 JI 12, 12/05/99 JI 2, 12/18/99 CL&J 9, 12/18/99 CL&J 12, 12/18/99 CL&J 1, 12/18/99 CL&J 4, 12/18/99 RS&VL 2, 12/18/99 RS&VL 5, 12/18/99 RS&VL 7
American Crow	12/04/99 RS&VL 4, 12/04/99 RS&VL 14, 12/04/99 RS&VL 16, 12/04/99 RS&VL 27, 12/04/99 JI 2, 12/04/99 JI 39, 12/04/99 JI 19, 12/04/99 JI 15, 12/07/99 LRR 2, 12/08/99 JI 1, 12/18/99 CL&J 8, 12/18/99 CL&J 1, 12/18/99 CL&J 16, 12/18/99 RS&VL 3, 12/18/99 RS&VL 30, 12/18/99 RS&VL 17
Fish Crow	11/26/99 LRR 3, 12/04/99 CL,L&BR 18, 12/04/99 RS&VL 1, 12/04/99 JI 1, 12/18/99 CL&J 198, 12/18/99 RS&VL 1
Tree Swallow	09/08/99 TD 15
Northern Rough-winged Swallow	09/21/99 TD 2
Bank Swallow	09/11/99 TD&LR 3
Cliff Swallow	08/14/99 TD,SD,LP&MD 150
Barn Swallow	09/18/99 BSG 1
Carolina Chickadee	12/04/99 RS&VL 48, 12/04/99 RS&VL 21, 12/04/99 RS&VL 20, 12/04/99 RS&VL 15, 12/04/99 JI 9, 12/04/99 JI 2, 12/04/99 JI 1, 12/05/99 S&CMLRR 2, 12/07/99 LRR 3, 12/08/99 JI 2, 12/18/99 CL&J 2, 12/18/99 CL&J 3, 12/18/99 CL&J 9, 12/18/99 CL&J 5, 12/18/99 RS&VL 47, 12/18/99 RS&VL 6, 12/18/99 RS&VL 5
Tufted Titmouse	12/04/99 RS&VL 4, 12/04/99 RS&VL 10, 12/04/99 RS&VL 3, 12/05/99 S&CMLRR 2, 12/07/99 LRR 2, 12/08/99 JI 1, 12/18/99 CL&J 1, 12/18/99 CL&J 1, 12/18/99 CL&J 5, 12/18/99 RS&VL 6, 12/18/99 RS&VL 12, 12/18/99 RS&VL 2
Red-breasted Nuthatch	12/07/99 LRR 1
White-breasted Nuthatch	12/05/99 S&CMLRR 1, 12/07/99 LRR 1, 12/08/99 JI 1, 12/18/99 CL&J 1, 12/18/99 RS&VL 1
Brown-headed Nuthatch	12/04/99 RS&VL 1, 12/18/99 CL&J 2, 12/18/99 RS&VL 7
Brown Creeper	12/04/99 RS&VL 6, 12/04/99 RS&VL 1, 12/04/99 RS&VL 1, 12/08/99 JI 1, 12/18/99 CL&J 1, 12/18/99 RS&VL 1, 12/18/99 RS&VL 1
Carolina Wren	12/04/99 RS&VL 5, 12/04/99 RS&VL 10, 12/04/99 RS&VL 6, 12/04/99 RS&VL 7, 12/04/99 JI 2, 12/05/99 S&CMLRR 1, 12/07/99 LRR 1, 12/08/99 JI 1, 12/18/99 CL&J 2, 12/18/99 CL&J 12, 12/18/99 CL&J 1, 12/18/99 RS&VL 6, 12/18/99 RS&VL 13, 12/18/99 RS&VL 4

RECORDS

Common Name	Data
House Wren	09/17/99 TD 1, 09/21/99 TD 1, 09/21/99 TD 1, 09/22/99 TD 2, 09/24/99 TD 4, 09/25/99 TD 2, 09/25/99 TD 13, 12/04/99 RS&VL 1, 12/04/99 RS&VL 1, 12/18/99 RS&VL 4, 12/18/99 RS&VL 1
Winter Wren	12/04/99 RS&VL 1, 12/07/99 LRR 1, 12/18/99 CL&JI 1, 12/18/99 CL&JI 2, 12/18/99 CL&JI 3, 12/18/99 RS&VL 1
Sedge Wren	09/16/99 TD 1, 09/21/99 TD 2, 09/24/99 TD 1, 12/18/99 CL&JI 3
Marsh Wren	12/04/99 JI 2, 12/18/99 CL&JI 1
Golden-crowned Kinglet	12/04/99 RS&VL 3, 12/04/99 RS&VL 7, 12/04/99 RS&VL 13, 12/07/99 LRR 1, 12/18/99 CL&JI 1, 12/18/99 CL&JI 1, 12/18/99 CL&JI 10, 12/18/99 CL&JI 3, 12/18/99 RS&VL 10, 12/18/99 RS&VL 3
Ruby-crowned Kinglet	09/22/99 TD 1, 09/24/99 TD 2, 09/25/99 TD 1, 12/04/99 RS&VL 20, 12/04/99 RS&VL 47, 12/04/99 RS&VL 14, 12/04/99 RS&VL 29, 12/04/99 JI 2, 12/04/99 JI 2, 12/04/99 JI 1, 12/05/99 JI 1, 12/07/99 LRR 1, 12/08/99 JI 2, 12/18/99 CL&JI 4, 12/18/99 CL&JI 3, 12/18/99 CL&JI 2, 12/18/99 RS&VL 51, 12/18/99 RS&VL 33, 12/18/99 RS&VL 4
Blue-gray Gnatcatcher	07/30/99 TD 1, 08/17/99 TD 4, 08/27/99 TD 1, 08/28/99 TD&SD 9, 08/31/99 TD 4, 08/31/99 TD 3, 09/01/99 TD 1, 09/02/99 TD 4, 09/04/99 TD&RS 6, 09/05/99 TD,MD,JT&JT 9, 09/06/99 TD&LR 4, 09/06/99 TD&LR 1, 09/08/99 TD&LP 3, 09/08/99 TD 3, 09/09/99 TD 1, 09/11/99 TD&LR 24, 09/12/99 TD 7, 09/13/99 TD 1, 09/13/99 TD 3, 09/15/99 TD 2, 09/17/99 TD 1, 09/18/99 BSG 3, 09/19/99 TD&BW 2, 09/21/99 TD 1, 09/21/99 TD 3, 09/22/99 TD 1, 09/24/99 TD 2, 09/24/99 TD 7
Eastern Bluebird	12/04/99 RS&VL 3, 12/04/99 RS&VL 3, 12/04/99 RS&VL 31, 12/04/99 JI 2, 12/04/99 JI 1, 12/04/99 JI 5, 12/05/99 JI 2, 12/05/99 S&CMLRR 3, 12/18/99 CL&JI 5, 12/18/99 CL&JI 17
Swainson's Thrush	09/17/99 TD 1, 09/19/99 TD&SD 1
Hermit Thrush	12/04/99 RS&VL 4, 12/04/99 RS&VL 9, 12/04/99 RS&VL 3, 12/18/99 RS&VL 3, 12/18/99 RS&VL 15, 12/18/99 RS&VL 3
Wood Thrush	09/24/99 TD 1
American Robin	08/17/99 TD 125, 12/04/99 RS&VL 25, 12/04/99 RS&VL 55, 12/04/99 RS&VL 30, 12/04/99 RS&VL 66, 12/04/99 JI 283, 12/04/99 JI 20, 12/04/99 JI 32, 12/07/99 LRR 3, 12/08/99 JI 21, 12/18/99 CL&JI 17, 12/18/99 CL&JI 22, 12/18/99 CL&JI 25, 12/18/99 RS&VL 83, 12/18/99 RS&VL 18, 12/18/99 RS&VL 2
Gray Catbird	08/27/99 TD 1, 08/31/99 TD 2, 09/06/99 TD&LR 1, 09/09/99 TD 2, 09/13/99 TD 1, 09/14/99 TD 3, 09/15/99 TD 3, 09/17/99 TD 1, 09/18/99 BSG 3, 09/19/99 TD&BW 2, 09/21/99 TD 1, 09/22/99 TD 5, 09/24/99 TD 15, 09/24/99 TD 13, 09/25/99 TD 8
Northern Mockingbird	12/04/99 RS&VL 2, 12/04/99 RS&VL 3, 12/04/99 RS&VL 6, 12/04/99 RS&VL 1, 12/04/99 JI 3, 12/05/99 JI 1, 12/18/99 CL&JI 1, 12/18/99 CL&JI 3, 12/18/99 CL&JI 6, 12/18/99 RS&VL 7, 12/18/99 RS&VL 2, 12/18/99 RS&VL 2
Brown Thrasher	12/04/99 RS&VL 2, 12/04/99 RS&VL 3, 12/04/99 JI 2, 12/04/99 RS&VL 4, 12/04/99 RS&VL 1, 12/18/99 CL&JI 2, 12/18/99 RS&VL 3, 12/18/99 RS&VL 6, 12/18/99 RS&VL 4
European Starling	12/04/99 CL&LBR 2, 12/04/99 JI 5, 12/18/99 CL&JI 8, 12/18/99 CL&JI 8, 12/18/99 CL&JI 3, 12/18/99 CL&JI 70
American Pipit	11/26/99 LRR 1, 12/08/99 JI 1, 12/18/99 CL&JI 3, 12/18/99 CL&JI 411
Sprague's Pipit	12/18/99 CL&JI 1
Cedar Waxwing	12/04/99 JI 2, 12/04/99 JI 40, 12/04/99 JI 15, 12/04/99 RS&VL 20, 12/18/99 CL&JI 32, 12/18/99 RS&VL 16
Blue-winged Warbler	08/29/99 TD 1, 08/30/99 TD 1, 09/08/99 TD 1, 09/12/99 TD 1, 09/14/99 TD 1, 09/15/99 TD 1, 09/17/99 TD 2, 09/19/99 TD&BW 1, 09/25/99 TD 1
Tennessee Warbler	09/25/99 TD 2
Orange-crowned Warbler	12/04/99 RS&VL 1, 12/04/99 RS&VL 2, 12/05/99 S&CMLRR 1, 12/18/99 CL&JI 2, 12/18/99 RS&VL 3
Nashville Warbler	09/08/99 TD 1, 09/09/99 TD 2, 09/11/99 TD&LR 2, 09/13/99 TD 1, 09/14/99 TD 3, 09/15/99 TD 1, 09/16/99 TD 1, 09/17/99 TD 1, 09/18/99 BSG 1, 09/22/99 TD 2, 09/24/99 TD 1
Northern Parula	07/17/99 TD&SD 1, 07/29/99 TD 1, 07/30/99 TD 1, 08/17/99 TD 1, 08/28/99 TD&SD 2, 08/29/99 TD 3, 08/31/99 TD 1, 09/04/99 TD&RS 1, 09/05/99 TD,MD,JT&JT 3, 09/06/99 TD&LR 3, 09/06/99 TD&LR 1, 09/09/99 TD 3, 09/11/99 TD&LR 2, 09/12/99 TD 1, 09/14/99 TD 1, 09/17/99 TD 1, 09/19/99 TD&BW 1, 09/25/99 TD 2
Yellow Warbler	08/08/99 TD 2, 08/11/99 TD 4, 08/14/99 TD,SD,LP&MD 2, 08/28/99 TD&SD 2, 08/29/99 TD 1, 09/04/99 TD&RS 1, 09/06/99 TD&LR 4, 09/09/99 TD 1
Tropical Parula	12/05/99 S&CMLRR 1
Magnolia Warbler	09/01/99 TD 1, 09/04/99 TD&RS 2, 09/05/99 TD,MD,JT&JT 1, 09/08/99 TD 1, 09/12/99 TD 1, 09/14/99 TD 2, 09/15/99 TD 1, 09/17/99 TD 1, 09/18/99 BSG 1, 09/25/99 TD 1
Yellow-rumped Warbler	12/04/99 RS&VL 90, 12/04/99 RS&VL 55, 12/04/99 RS&VL 104, 12/04/99 JI 7, 12/04/99 RS&VL 55, 12/05/99 S&CMLRR 5, 12/08/99 JI 3, 12/18/99 CL&JI 3, 12/18/99 CL&JI 7, 12/18/99 CL&JI 4, 12/18/99 CL&JI 31, 12/18/99 RS&VL 55, 12/18/99 RS&VL 146, 12/18/99 RS&VL 8
Black-throated Green Warbler	08/31/99 TD 1, 09/11/99 TD&LR 1, 09/16/99 TD 1, 09/18/99 BSG 1, 09/21/99 TD 1
Pine Warbler	12/04/99 RS&VL 14, 12/04/99 JI 1, 12/04/99 RS&VL 25, 12/04/99 RS&VL 13, 12/04/99 RS&VL 45, 12/05/99 S&CMLRR 1, 12/07/99 LRR 1, 12/18/99 CL&JI 2, 12/18/99 CL&JI 3, 12/18/99 RS&VL 6, 12/18/99 RS&VL 7
Black-and-white Warbler	08/27/99 TD 1, 09/02/99 TD 1, 09/05/99 TD,MD,JT&JT 1, 09/08/99 TD&LP 1, 09/11/99 TD&LR 2, 09/13/99 TD 1, 09/15/99 TD 2, 09/17/99 TD 2, 09/18/99 BSG 2, 09/19/99 TD&BW 1, 09/21/99 TD 4, 09/24/99 TD 4, 09/25/99 TD 2
American Redstart	09/04/99 TD&RS 3, 09/06/99 TD&LR 1, 09/08/99 TD 1, 09/08/99 TD&LP 2, 09/09/99 TD 3, 09/11/99 TD&LR 4, 09/12/99 TD 6, 09/13/99 TD 3, 09/14/99 TD 4, 09/17/99 TD 4, 09/18/99 BSG 3, 09/19/99 TD&SD 1, 09/19/99 TD&BW 7, 09/21/99 TD 7, 09/22/99 TD 1, 09/24/99 TD 5, 09/25/99 TD 3
Prothonotary Warbler	08/28/99 TD&SD 2, 08/31/99 TD 1, 09/06/99 TD&LR 1
Worm-eating Warbler	08/17/99 TD 1, 08/29/99 TD 2, 09/01/99 TD 1, 09/17/99 TD 1, 09/24/99 TD 1
Swainson's Warbler	08/29/99 TD 1, 08/31/99 TD 1, 09/01/99 TD 1
Ovenbird	08/27/99 TD 2, 09/14/99 TD 1, 09/24/99 TD 1
Northern Waterthrush	08/27/99 TD 1, 08/31/99 TD 1, 09/09/99 TD 1, 09/11/99 TD&LR 5, 09/13/99 TD 1, 09/14/99 TD 3, 09/18/99 BSG 1, 09/19/99 TD&BW 1, 09/22/99 TD 2
Louisiana Waterthrush	07/17/99 TD&SD 1, 07/29/99 TD 1
Kentucky Warbler	08/08/99 TD 2, 08/14/99 TD,SD,LP&MD 2, 08/17/99 TD 2, 08/28/99 TD&SD 1, 08/30/99 TD 1, 08/31/99 TD 1, 08/31/99 TD 2, 08/31/99 TD 2, 09/01/99 TD 1, 09/04/99 TD&RS 1, 09/05/99 TD,MD,JT&JT 1, 09/06/99 TD&LR 1, 09/08/99 TD 1, 09/13/99 TD 1, 09/18/99 BSG 1, 09/24/99 TD 1, 09/25/99 TD 1
Mourning Warbler	08/31/99 TD 2, 08/31/99 TD 1, 08/31/99 TD 1, 09/04/99 TD&RS 1, 09/05/99 TD,MD,JT&JT 1, 09/13/99 TD 1
Common Yellowthroat	09/04/99 TD&RS 1, 09/09/99 TD 1, 09/11/99 TD&LR 3, 09/12/99 TD 3, 09/13/99 TD 21, 09/13/99 TD 2, 09/14/99 TD 8, 09/15/99 TD 3, 09/17/99 TD 5, 09/18/99 BSG 3, 09/19/99 TD&BW 1, 09/21/99 TD 14, 09/21/99 TD 6, 09/24/99 TD 5, 09/24/99 TD 27, 09/25/99 TD 9, 12/18/99 CL&JI 1
Hooded Warbler	08/08/99 TD 2, 08/14/99 TD,SD,LP&MD 1, 08/27/99 TD 2, 08/28/99 TD&SD 1, 08/29/99 TD 1, 08/30/99 TD 1, 08/31/99 TD 1, 09/01/99 TD 1, 09/02/99 TD 3, 09/04/99 TD&RS 3, 09/06/99 TD&LR 1, 09/09/99 TD 4, 09/12/99 TD 2, 09/17/99 TD 2, 09/18/99 BSG 1, 09/24/99 TD 1, 09/25/99 TD 1
Wilson's Warbler	08/27/99 TD 1, 08/29/99 TD 3, 09/01/99 TD 1, 09/05/99 TD,MD,JT&JT 1, 09/06/99 TD&LR 3, 09/06/99 TD&LR 1, 09/08/99 TD&LP 4, 09/08/99 TD 4, 09/09/99 TD 6, 09/11/99 TD&LR 3, 09/12/99 TD 2, 09/13/99 TD 2, 09/13/99 TD 1, 09/15/99 TD 1, 09/17/99 TD 2, 09/18/99 BSG 4, 09/19/99 TD&BW 2, 09/21/99 TD 3, 09/22/99 TD 1, 09/24/99 TD 1, 09/25/99 TD 1, 09/25/99 TD 2
Canada Warbler	08/27/99 TD 1, 08/29/99 TD 2, 08/30/99 TD 4, 08/31/99 TD 1, 09/01/99 TD 2, 09/09/99 TD 1, 09/11/99 TD&LR 1
Yellow-breasted Chat	08/08/99 TD 1, 08/17/99 TD 1, 08/31/99 TD 1, 09/01/99 TD 1, 09/12/99 TD 2, 09/19/99 TD&BW 1
Summer Tanager	08/28/99 TD&SD 1, 08/30/99 TD 2, 08/31/99 TD 2, 08/31/99 TD 1, 09/02/99 TD 2, 09/04/99 TD&RS 2, 09/05/99 TD,MD,JT&JT 2, 09/08/99 TD 2, 09/11/99 TD&LR 5, 09/12/99 TD 3, 09/14/99 TD 2, 09/14/99 TD 2, 09/15/99 TD 8, 09/17/99 TD 4, 09/18/99 BSG 5, 09/19/99 TD&BW 1, 09/21/99 TD 4, 09/22/99 TD 7, 09/24/99 TD 4, 09/25/99 TD 3
Eastern Towhee	12/04/99 JI 5, 12/04/99 RS&VL 6, 12/04/99 RS&VL 1, 12/18/99 RS&VL 3, 12/18/99 RS&VL 6, 12/18/99 CL&JI 2
Chipping Sparrow	12/04/99 RS&VL 30, 12/04/99 RS&VL 30, 12/04/99 RS&VL 50, 12/18/99 RS&VL 65, 12/18/99 RS&VL 40, 12/18/99 RS&VL 10, 12/18/99 CL&JI 150
Clay-colored Sparrow	09/24/99 TD 1
Field Sparrow	12/04/99 RS&VL 4, 12/04/99 RS&VL 9, 12/04/99 RS&VL 3, 12/04/99 RS&VL 5, 12/18/99 RS&VL 1, 12/18/99 RS&VL 22, 12/18/99 RS&VL 2, 12/18/99 CL&JI 4, 12/18/99 CL&JI 19
Vesper Sparrow	12/18/99 CL&JI 1
Savannah Sparrow	12/04/99 RS&VL 2, 12/04/99 RS&VL 6, 12/18/99 RS&VL 3, 12/18/99 RS&VL 36, 12/18/99 CL&JI 62
LeConte's Sparrow	12/18/99 RS&VL 3
Fox Sparrow	12/18/99 RS&VL 8, 12/18/99 RS&VL 6, 12/18/99 CL&JI 1, 12/18/99 CL&JI 1
Song Sparrow	12/04/99 RS&VL 1, 12/04/99 JI 4, 12/04/99 RS&VL 2, 12/04/99 JI 1, 12/18/99 RS&VL 3, 12/18/99 RS&VL 23, 12/18/99 RS&VL 4, 12/18/99 CL&JI 5, 12/18/99 CL&JI 9, 12/18/99 CL&JI 112
Lincoln's Sparrow	12/18/99 CL&JI 1, 12/18/99 RS&VL 1
Swamp Sparrow	12/04/99 JI 6, 12/04/99 RS&VL 5, 12/18/99 RS&VL 2, 12/18/99 RS&VL 2, 12/18/99 CL&JI 3, 12/18/99 CL&JI 12, 12/18/99 CL&JI 12
White-throated Sparrow	12/04/99 RS&VL 3, 12/04/99 JI 11, 12/04/99 RS&VL 54, 12/04/99 JI 3, 12/04/99 JI 1, 12/04/99 RS&VL 16, 12/04/99 RS&VL 24, 12/07/99 LRR 1, 12/18/99 CL&JI 1, 12/18/99 CL&JI 11, 12/18/99 CL&JI 1, 12/18/99 RS&VL 80, 12/18/99 RS&VL 18, 12/18/99 RS&VL 17, 12/18/99 CL&JI 26
White-crowned Sparrow	12/04/99 JI 10, 12/18/99 CL&JI 42
Dark-eyed Junco	12/04/99 RS&VL 10, 12/04/99 RS&VL 5, 12/04/99 RS&VL 6, 12/05/99 JI 1, 12/16/99 RS 17, 12/18/99 RS&VL 28, 12/18/99 RS&VL 35, 12/18/99 RS&VL 5, 12/18/99 CL&JI 13, 12/18/99 CL&JI 11
Northern Cardinal	12/04/99 RS&VL 20, 12/04/99 JI 11, 12/04/99 RS&VL 22, 12/04/99 RS&VL 22, 12/04/99 JI 3, 12/04/99 JI 14, 12/04/99 RS&VL 14, 12/04/99 JI 2, 12/05/99 JI 1, 12/05/99 S&CMLRR 2, 12/08/99 JI 1, 12/18/99 RS&VL 13, 12/18/99 RS&VL 32, 12/18/99 RS&VL 24, 12/18/99 CL&JI 10, 12/18/99 CL&JI 3, 12/18/99 CL&JI 2, 12/18/99 CL&JI 2
Rose-breasted Grosbeak	09/17/99 TD 1, 09/21/99 TD 1
Blue Grosbeak	09/24/99 TD 4

RECORDS

Common Name	Data
Indigo Bunting	08/14/99 TD,SD,LP&MD 2, 09/12/99 TD 2, 09/18/99 BSG 3, 09/19/99 TD&BW 1, 09/21/99 TD 1, 09/24/99 TD 3
Red-winged Blackbird	12/04/99 JI 295, 12/04/99 RS&VL 50, 12/04/99 JI 6, 12/08/99 JI 12, 12/18/99 CL&JI 105, 12/18/99 CL&JI 3151
Eastern Meadowlark	12/04/99 JI 4, 12/18/99 CL&JI 129
Rusty Blackbird	12/18/99 CL&JI 16
Brewer's Blackbird	12/18/99 CL&JI 175
Common Grackle	12/04/99 JI 515, 12/04/99 JI 45, 12/04/99 CL,L&BR 775, 12/18/99 CL&JI 5873, 12/18/99 CL&JI 2, 12/18/99 CL&JI 100, 12/18/99 RS&VL 30, 12/18/99 CL&JI 8
Brown-headed Cowbird	12/18/99 CL&JI 1
Orchard Oriole	07/24/99 TD&SD 8, 09/05/99 TD,MD,JT&JT 1
Baltimore Oriole	08/30/99 TD 1, 08/31/99 TD 5, 08/31/99 TD 2, 09/05/99 TD,MD,JT&JT 3, 09/06/99 TD&LR 1, 09/08/99 TD&LP 1, 09/09/99 TD 3, 09/11/99 TD&LR 5, 09/12/99 TD 4, 09/13/99 TD 2, 09/14/99 TD 3, 09/18/99 BSG 1, 09/22/99 TD 1
House Finch	09/24/99 TD 14, 12/04/99 RS&VL 3
American Goldfinch	09/18/99 BSG 1, 11/26/99 LRR 2, 12/04/99 RS&VL 30, 12/04/99 JI 18, 12/04/99 RS&VL 2, 12/04/99 RS&VL 165, 12/04/99 JI 6, 12/04/99 RS&VL 80, 12/04/99 JI 2, 12/07/99 LRR 11, 12/18/99 CL&JI 1, 12/18/99 CL&JI 2, 12/18/99 CL&JI 43, 12/18/99 RS&VL 17, 12/18/99 RS&VL 30, 12/18/99 RS&VL 65, 12/18/99 CL&JI 107
House Sparrow	12/04/99 JI 2, 12/05/99 S&CM,LRR 25, 12/18/99 CL&JI 1, 12/18/99 CL&JI 6

Printed 1,239 records of 191 species.