

*birding the triangle... and beyond, for over half a century*

c/o K. Piplani, 1502 Halifax Rd.  
Chapel Hill, NC 27514  
[k\\_piplani@alumni.unc.edu](mailto:k_piplani@alumni.unc.edu)

**The BULLETIN...**  
**Chapel Hill Bird Club**  
**November-December 2008**  
<http://chbc.carolinanature.com>

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No. 8

> **Meeting :Monday, Nov 24, 2008** <

**There will be No Meeting in December**

**When/Where:** 7:15 PM/refreshments; 7:30/Meeting  
The lounge, Olin T. Binkley Baptist Church, corner of Hwy. 15-501 bypass and Willow Dr., behind University Mall, Chapel Hill.

We're assuming that everyone will be out doing the Christmas Bird Counts or will be busy traveling or feasting. Regular Meetings will resume in January, as will the regular Saturday Field trips. Please check the Chapel Hill Bird Club website

<http://chbc.carolinanature.com/>  
for information.

**Alaska in the Focus**

**Lena Gallitano** will be speaking on one of the first commercial trips to Chevak on the Yukon Delta in Alaska. This is a fabulous breeding place for waterfowl and shorebirds. She and her group also searched for the Gray-headed Chickadee in Alaska's interior. **Norm Budnitz** will speak about rafting the Canning River on Alaska's North Slope. It's great to have Lena and Norm share their experiences with those of us who may never get to Alaska's North Slope.

**Christmas Bird Counts Begin**

Dec. 14- Durham; Dec 20 – Raleigh; Dec 28- Chapel Hill; Jan 4-Jordan Lake

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Contacts and further information are listed in the webpage at  
<http://chbc.carolinanature.com/countsched.html>

**Saturday Morning Field Trips**

Local field trips are usually led by Doug Shadwick, and depart from Glen Lennox Shopping Center Parking lot off HWY 54 promptly at 7:30 most Saturday mornings. All skills are welcome. Trips are usually over by noon. Dress for the weather and for walking. For further details, call Doug at 942-0479.

Help with the counts is always welcome, so don't be shy.

**Speaking of Christmas Bird counts.....**

No Field trip on Nov. 29, Thanksgiving weekend.  
Dec. 14 will be the last regular local field trip of the year.

The Christmas Bird Count information from last year was inadvertently omitted from the Bulletin. CBC summary results will be printed in this Bulletin, starting on the next page, and the complete results are at the end.

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## 2007 Chapel Hill Christmas Bird Count

The Chapel Hill Christmas Bird Count on Sunday, 23 December 2007, produced 94 species (10-year average 89), tying for our second highest species count. The mid-afternoon rain and wind slowed things down a bit, but the large flocks of blackbirds boosted our individual bird count to the second highest ever in the 80-year history of the Chapel Hill count. The count of 24,890 individual birds is 60% higher than the 10-year average of 15,547. The only higher count was in 1974, when 554,500

unidentified blackbirds were counted, the only time a huge blackbird roost has been found on the Chapel Hill Count. Part of the reason we found so many birds this year is because of the outstanding effort -- we had 68 participants, 52 in field parties with an additional 16 feeder-watchers, and a record high 164 party-hours (average 142.5). Even so, the 151.8 birds per party-hour is 39% higher than average (109.5).

For such a great count, we had remarkably few rarities. Two species are second count records: a pair of Common Ravens flying over Old Greensboro Road (Jane Brinkley) and a pair of Mute Swans at a pond on Weaver Dairy Road (Tom Driscoll's party). Both of these made their first appearance last year and both probably are the same individuals as on last year's count. We had great numbers of shorebirds, thanks to the drought, which produced mudflats at Jordan Lake in the southern portion of the count circle. The only rarity, however, was Least Sandpiper, our fifth count record. Derb Carter found a Western Sandpiper the day before the count, which would have been a first.

Other goodies include two Gadwall (Brian Bockhahn), 3 Red-breasted Mergansers (Alan Johnston and Edith Tatum), 6 Northern Bobwhites (Bockhahn), 1 Blue-headed Vireo (Ginger Travis), 1 Palm Warbler (Bockhahn), 1 White-crowned Sparrow (Derb Carter), and an adult male Baltimore Oriole (Will Cook, at Julia Shields's feeder).

Record highs: Kent Fiala discovered an amazing flock of about 800 Rusty Blackbirds at Sandy Creek park in Durham, and the count total of 816 Rusties far surpasses the previous high of 158 in 1978. The count of Northern Shovelers at Jordan Lake and Maple View Pond (totalling 42) more than quadruples our previous high (9 in 2005). Other records include: 81 Hooded Mergansers

(48 in 1997), 45 Least Sandpipers (37 in 1998), 9 Great Horned Owls (ties 1985), 35 Hairy Woodpeckers (31 in 2001), 691 Northern Cardinals (656 in 1980), and 7575 Common Grackles (3926 in 1995). Other species near record highs: 11 Wild Turkeys (13 in 2004), 145 Great Blue Herons (156 in 1991), 14 Bald Eagles (17 last year), 59 Wilson's Snipes (85 in 1991), 95 Yellow-bellied Sapsuckers (98 in 2003), 607 American Crows (618 in 1999), 541 Carolina Chickadees (562 in 2003), and 80 Fox Sparrows (86 in 1976). The showing of 25 Red-breasted Nuthatches is our best since 1981.

Misses: A surprising miss was Barred Owl, especially considering the record number of Great Horned Owls. The only other big miss was House Wren, the first miss since 1995.

Teams honors: Brian Bockhahn, covering the New Hope Creek area and poaching a tiny bit at Jordan Lake, had 65 species (2102 birds), beating the usual champ Derb Carter by 2 to claim the upset win. Will Cook tallied the highest number of individuals, with 4575 birds (58 species), thanks to several large flocks of grackles (totalling 3500) flying over Mason Farm near dusk. Next highest was the team of Alan Johnston and Edith Tatum with 2281 (52 species), including 1500 grackles.

Most abundant birds: Common Grackle (7575), Dark-eyed Junco (1120), European Starling (1075), White-throated Sparrow (1026), and Red-winged Blackbird (1020).

Weather: Temperature 50-65 F, wind from the south 5-20 mph, overcast, rain in pm, water open. Effort: 52 observers in 24 field parties, 164 party hours (141.75 by foot, 19 by car, 3.25 by bicycle) and 319 party-miles (90 by foot, 220 by car, 9 by bicycle), 7.75 hours and 23.5 miles owling, 16 people and 30.5 hours watching feeders.

Full count results are available on the Christmas Bird Count web site: <http://www.audubon.org/bird/cbc/>

Thanks to the participants for helping make this a memorable count!

-- Will Cook, compiler

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Will Cook - Durham, NC  
<http://www.carolinanature.com>

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**Brief Summary of  
Tom Krakauer's Oct 27 talk on  
"Birding in Newfoundland"**

Tom joined a "Wings" Birding Tour group led by Jon L. Dunn on a birding trip to Newfoundland in January of last year. Jon is the chief consultant for the 3<sup>rd</sup> edition of the National Geographic Field Guide to the Birds of North America. The photos Tom displayed were taken by other group members Richard Cabe, Jane Henderson, and Kaaren Perry. They stayed a bout a week, and the main thrust of the trip was gulls, Jon Dunn's main interest, but numerous other alcids and boreal forest birds were encountered. Tom mentioned that Judith Fortney took this trip last year. (An article by Judith appears later.)

The group landed at St. John's, and stayed at The Battery Hotel, a cozy place which overlooked the harbor. The group used St. John's, in the center of the Avalon Peninsula, as a base. The city has a population of about 150,000 and numerous ponds. It has a near-by lake, the Quidi Vidi, which drains the St. John's landfill, and hosts lot of birds, including Tufted Ducks, Black Ducks and Pintails. A Yellow-legged Gull, one of the targets of the trip, was spotted there. They saw a Greenland race Iceland Gull, and European race Mew Gull. There were Lesser Black Back Gulls and a juvenile Greater Black Backed Gull.

On their first trip out of town to the south, they saw 500-1000 Bohemian, Cedar Waxwings, and White-winged Crossbills. Feeder birds included Juncos, Evening Grosbeaks, brown-capped Chickadees, Pine Siskins, a Baltimore Oriole and even a Bullock's Oriole, which did not survive a cold snap, probably because it was unable to push through more assertive birds to the feeders.

On one trip they headed north to Cape Spear, which is the easternmost point of North America, and the western terminus of the Atlantic Telegraph cable. At Cape Spear there were Purple Sandpipers on the rocks, lots of Common Eider, and a single Dovkie.

They went as far south as Cape Point Race, at the southern end of the peninsula. They saw Common and Hoary Redpolls. They saw some of the southern-most members of the Barren Ground

Caribou herd, as well as 50-60 Snow Buntings. At Portugal Cove they saw Common and Thick-billed Murres, a Razorbill, a Black-legged Kittiwake, lots of Dovkies, and a Short Eared Owl.

At a small pond near St. John's Hospital, they saw European and American Wigeon

After much deliberation, they decided that they had seen a juvenile Yellow-legged Gull, a tricky subject to identify, plus Glaucous Gulls and Thayer's Gulls.

Because it was January, that meant there was "little heat shimmer" when taking photographs. Of course one did have to dress in layers for the temperature, which meant good waterproof boots, 2 pair of thick socks, long johns, insulated pants, a long john top, a wool shirt, a Polar Fleece top, a heavy insulated parka, a balaclava, a wool hat, and 2 pairs of gloves. Actually, the temperatures were usually in the 20s and 30s, not too bad, but if one is standing still for long period, that can be cold enough. Because winter daylight hours are limited, one can sleep in a little later than in summer, and early nightfall means time for a leisurely supper and perhaps time for one of the many Brew Pubs in St. Johns. They had a total of 83 species on the trip

I enjoyed hearing how Tom Krakauer goes about birding. He carries no camera, but does have a small Sony digital recorder into which he records comments and sightings about three times a day. He has a program which translates the recording into a Word document, which he then edits. He shares copies of the document with birders on the trip, and they share their photos with Tom. Tom notes that this is a nice tradeoff, and it means that he only has to worry about his binoculars.

This sounds like a great trip, and as soon as I can get my wardrobe together, I'd love to head off for St. John's.

By Karen Piplani

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## Vaux's Swift

by Judith Fortney

Vaux's Swift – my last Code 1<sup>1</sup> bird! But where to find one? I look hopefully skyward all September while I'm here on the West Coast, but not a swift in sight. Then I hear about the Frank Wagner Elementary School in Monroe in Washington State just north of Seattle. Time to visit a good friend in Seattle!

Monroe is quite a small town, and the school is on Main Street, easy to find. And the swifts are easy to find too. They start to gather about an hour before sunset, swirling around the school's brick chimney in a great clockwise spiral. The flock is ever-changing, birds leave it, others join it. Then, about 10 minutes before the sun goes down, they start dropping into the chimney, belly first, butt first, but never head first. They flutter down, two or three at a time, then ten or fifteen at a time. Soon you realize that that at any one time the swirling mass contains only some of the birds; for 15 minutes the swirl seems never to diminish as birds drop into the chimney and others fly in to join the mass. A man from Seattle Audubon is counting them as they drop in as he has every night for nearly a month. He's getting very good at it. Finally only three birds remain; they leave, return, flutter over the chimney, leave again – perhaps they can find no space. Then they too drop in and the spectacle is over until tomorrow night. I have now seen 9,285 Vaux's Swifts – a big tick.

Monroe is proud of its swifts. On September 6 they threw a party for them and more than twelve thousand came, 700 humans too. There were games for kids, a lecture, a raffle, refreshments, an information booth, docents to answer questions. Local merchants put swift posters in their windows. The printshop produced swift coloring books in English and Spanish. The school used the phenomenon to teach students about migration, geography, numbers.

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<sup>1</sup> The American Birding Association gives every bird ever seen in the ABA area a code from 1 to 6. Codes 1-3 are for birds that breed in the ABA area, with 1 being most common and 3 least. Code 6 is for extinct birds (and includes the California Condor. Codes 4 and 5 are for rarities; generally speaking Code 4s have been seen more than 4 times, and Code 5s 4 times or fewer.

Vaux's (pronounced *voxes*) Swift (*Chaetura vauxi*) is North America's smallest swift, at 4.75 inches it is even smaller than the Chimney Swift. Although it breeds from Alaska through California and Central America, the Monroe swifts are migratory and spend the winter in Mexico, Central America and Venezuela. The nonmigratory birds that breed in Central America are considered by some to be a separate species – Dusky-backed Swift (*C. richmondi*). The Monroe birds probably spend only a night or two in the school's chimney, continuing their southward migration the next day. The vanguard of 250 birds was sighted on August 21 and the spectacle tails off towards the ends of October. Return migration is in April and May.

The brick chimney is 3-4 feet square and about 30 feet high; it was built in the 1950s, and the school board worries that it is unsafe in an earthquake zone. There's a move to demolish it. As it would cost about the same to shore it up as to demolish it, there's also a move to do that. Local Audubon societies are fundraising to save the chimney because of its importance to the swifts. This is the second largest roost of Vaux's Swifts in the US (the first is at another school chimney in Portland OR). Although there are other chimneys in Monroe, the birds prefer this one.

Brick chimneys are preferred as they provide a rough surface to which the birds can cling. Swifts have no backward pointing toe, so they cannot perch on twigs or wires. Instead they cling vertically to a rough surface with their forward pointing toes. The first layer clings to the bricks, second and later layers cling to other birds like shingles on a roof. The first birds to enter go to the bottom where it is warmer and safer from predators – this I was told, there is no camera with which to actually see them.

Whether or not you have seen a Vaux's Swift, if you're planning a visit to the Pacific Northwest, schedule it to see the swifts. The Monroe school chimney is worth a visit. It is a spectacle to rival hawk migration or warbler fallout.

**Postscript:** Driving back to North Carolina, I visited family in northern Louisiana.

We ate dinner at a third storey restaurant downtown and I described the phenomenon of the Monroe swifts. Not three minutes after I completed the story, I heard a twittering overhead and the phenomenon was repeated with Chimney Swifts. The building across the street had two chimneys, but some three to four thousand birds (I didn't count!) all went into one chimney.

#### Sources:

Seattle Times. Wikipedia: Vaux's Swift. U-Tube: Monroe Swifts. [www.pilchuckaudubon.org](http://www.pilchuckaudubon.org)  
Pilchuck Audubon Society: tel 425 252 0928

#### Editor's note

*Judith had inserted a table of dates and the numbers of Vaux's Swifts which used the school chimney for a roosting place in August and September. The table showed the number of Swifts started about Aug 21 in the 50's and 100's and increased to maximum of **12,031** on Sept 6, 2008. As of Sept 23, 2008, a total of 168,166 Vaux's Swifts had used the chimney for shelter.*

If we have any readers with experience in using tables and their insertion into Word documents, I would very much appreciate a short tutorial in the subject. Please contact me at my e-mail address in order to set up a time in January 2009 for a lesson.

Many thanks,  
Karen Piplani  
[k\\_piplani@alumni.unc.edu](mailto:k_piplani@alumni.unc.edu)

#### Chapel Hill Bird Club Officers

**President:** Amalie Tuffin,  
[amaliet@post.harvard.edu](mailto:amaliet@post.harvard.edu)  
**Vice President:** Ginger Travis, (919) 942-7746  
[ginger\\_travis@bellsouth.net](mailto:ginger_travis@bellsouth.net)  
**Vice President:** Dave Gulick  
[d2gulick@earthlink.net](mailto:d2gulick@earthlink.net)  
**Secretary:** Amalie Tuffin,  
[amaliet@post.harvard.edu](mailto:amaliet@post.harvard.edu)  
**Treasurer:** Patsy Bailey, (919) 933-5850  
**Field Trip Coordinator:** Doug Shadwick,  
(919)942-0479 [dougshadwick@nc.rr.com](mailto:dougshadwick@nc.rr.com)  
**WebMaster:** Will Cook [cwcook@duke.edu](mailto:cwcook@duke.edu)  
**Bulletin Editor:** Karen Piplani, (919) 929-6553,  
[k\\_piplani@alumni.unc.edu](mailto:k_piplani@alumni.unc.edu)

## Is There a Yellow Mark on your Address Label for the Bulletin?

### Dues Alert!

The year of renewal for your Chapel Hill Bird Club membership is listed on the top right of the mailing label on your CHBC Bulletin. If the year is marked with **yellow**, this indicates that your membership is due now. Please bring your dues (checks payable to the Chapel Hill Bird Club) to the next meeting, with the completed membership form, or mail them to:

**Patsy Bailey,  
Mint Springs Rd.  
Pittsboro, NC 27312**

#### Membership Form

Name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

ph \_\_\_\_\_

E-mail \_\_\_\_\_

New member: \_\_\_\_\_ or, RENEWAL: \_\_\_\_\_

dues: \$15/yr. individuals/family, \$10/year students  
Make checks payable to Chapel Hill Bird Club

## 2007 Triangle Area Christmas Bird Counts

— Chapel Hill Observer Party —

| Species                         | Ral  | Dur | Kerr | JL   | Falls | CH  | ovlp | 1  | 2  | 3   | 4  | 5  | 6   | 7  | 8 | 9   | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |   |    |
|---------------------------------|------|-----|------|------|-------|-----|------|----|----|-----|----|----|-----|----|---|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|----|
| Canada Goose                    | 1459 | 928 | 361  | 232  | 335   | 667 |      | 28 | 53 | 7   | 31 | 32 | 104 | 71 |   | 111 |    |    | 2  |    | 11 | 40 | 4  | 51 |    | 50 | 40 | 4  |    | 2  | 5  | 21 |   |    |
| <b>Tundra Swan</b>              |      |     | 3    |      |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| <b>Mute Swan</b>                | 11   |     |      |      |       |     | 2    |    |    |     | 2  |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| Wood Duck                       | 8    | 23  | 25   | 24   |       | 16  |      |    |    |     |    |    |     |    |   |     |    |    |    |    | 8  |    |    |    | 1  |    |    |    |    | 7  |    |    |   |    |
| Gadwall                         | 11   |     | 2    | 4    | 24    | 2   |      |    |    |     |    |    |     |    |   |     |    |    |    |    | 2  |    |    |    |    |    |    |    |    |    |    |    |   |    |
| American Wigeon                 | 3    |     |      |      | 5     | cw  |      | cw |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| American Black Duck             | 12   |     | 60   | 13   | 6     | 2   |      |    |    |     |    |    |     |    |   |     |    |    | 2  |    | 2  |    |    |    |    |    |    |    |    |    |    |    |   |    |
| Mallard                         | 339  | 133 | 159  | 144  | 53    | 174 | 15   | 21 | 4  | 7   | 13 |    | 26  | 13 |   | 17  |    | 15 | 18 | 5  | 9  | 4  |    | 9  |    | 4  | 18 |    |    |    |    | 6  |   |    |
| Northern Shoveler               | 122  | 4   |      |      | 42    | 25  | 7    |    |    |     |    |    |     |    |   |     |    |    |    |    | 25 | 29 | 6  |    |    |    |    |    |    |    |    |    |   |    |
| Green-winged Teal               | 17   | 9   |      |      | 13    | 45  |      |    |    |     |    |    | 2   |    |   |     |    |    |    | 20 | 7  |    |    | 16 |    |    |    |    |    |    |    |    |   |    |
| <b>Canvasback</b>               |      |     |      | 2    |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| Ring-necked Duck                | 255  | 4   | 49   | 24   | 63    | 29  |      |    | 2  |     |    |    |     |    |   | 21  |    |    |    |    | 2  |    | 2  |    |    |    |    | 2  |    |    |    |    |   |    |
| Lesser Scaup                    | 16   |     | 35   | 59   | 1     |     |      |    |    |     |    |    |     |    |   | 1   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| Bufflehead                      | 110  | 7   | 127  | 114  | 16    | 6   |      |    |    |     |    |    |     |    |   | 6   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| <b>Common Goldeneye</b>         |      |     |      | 1    |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| Hooded Merganser                | 157  | 191 | 343  | 155  | 118   | 81  |      | 14 |    |     |    |    |     | 4  |   | 27  |    |    |    |    | 2  | 28 |    |    |    |    |    | 6  |    |    |    |    |   |    |
| <b>Red-breasted Merganser</b>   |      |     | 2    | 1    | 2     | 3   |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    | 3  |    |    |    |    |    |   |    |
| <b>Common Merganser</b>         |      |     | 2    |      |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| <b>White-winged Scoter</b>      |      |     | 1    |      |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| Ruddy Duck                      | 96   | 1   | 4    | 11   |       | 11  |      |    |    |     |    |    |     |    |   | 11  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| Wild Turkey                     |      | 27  | 24   | 32   | 18    | 11  |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    | 11 |    |    |    |    |    |    |    |    |    |    |   |    |
| Northern Bobwhite               | 1    |     | 7    |      |       | 6   |      |    |    |     |    |    |     |    |   |     |    |    |    |    | 6  |    |    |    |    |    |    |    |    |    |    |    |   |    |
| <b>PACIFIC LOON</b>             |      |     | 1    |      |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| Common Loon                     |      |     | 108  | 15   |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| Pied-billed Grebe               | 30   | 3   | 43   | 195  | 75    | 10  |      |    |    |     |    |    |     | 2  |   |     |    |    |    |    |    | 1  |    | 4  |    | 3  |    |    |    |    |    |    |   |    |
| Horned Grebe                    |      |     | 120  | 62   |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| <b>Eared Grebe</b>              |      |     | 2    |      |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| Double-crested Cormorant        | 60   | 23  | 71   | 1679 | 250   | 11  |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    | 5  | 6  |    |    |    |    |    |    |    |    |    |   |    |
| Great Blue Heron                | 53   | 130 | 49   | 116  | 67    | 145 | 70   | 3  | 1  | 2   | 6  |    | 1   | 2  |   | 2   |    | 4  | 1  |    | 26 | 70 | 73 | 14 |    | 8  |    | 2  |    |    |    |    |   |    |
| <b>Great Egret</b>              | 1    |     |      |      |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| Black Vulture                   | 16   | 70  | 56   | 6    | 103   | 200 |      | 2  | 1  | 130 |    |    |     |    |   | 2   |    |    | 3  | 18 | 1  |    |    | 2  |    | 8  |    | 10 |    | 2  | 1  | 20 |   |    |
| Turkey Vulture                  | 41   | 159 | 73   | 92   | 272   | 277 |      | 6  | 4  | 80  | 4  | 42 | 5   | 4  |   | 3   | 2  | 14 | 8  | 6  | 1  | 6  |    | 19 | 3  | 17 | 17 | 7  |    | 8  |    | 21 |   |    |
| <b>Osprey</b>                   |      |     | 2    |      |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| Bald Eagle 7 ad., 7 imm.        | 1    | 4   | 16   | 1    | 15    | 14  | 1    |    |    |     |    |    |     |    |   |     |    |    | 2  |    | 3  | 1  | 4  | 1  |    | 4  |    |    |    |    |    |    |   |    |
| Northern Harrier                | 1    | 5   | 2    |      |       | 0   |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| Sharp-shinned Hawk              | 1    | 4   |      | 3    | 1     | 7   |      | 1  |    |     |    |    |     |    |   | 1   |    |    | 1  |    |    |    | 1  | 1  |    |    |    |    | 1  |    |    |    | 1 |    |
| Cooper's Hawk                   | 6    | 3   |      | 5    | 4     | 7   |      | 1  |    |     |    |    |     |    |   |     |    | 2  |    |    | 1  |    |    |    |    | 1  | 1  |    |    |    |    |    | 1 |    |
| Red-shouldered Hawk             | 16   | 9   | 7    | 6    | 6     | 33  |      | 1  | 1  | 1   | 4  | 1  | 2   | 1  |   | 1   | 1  |    | 3  | 2  | 2  |    | 1  | 3  | 1  | 2  | 2  |    | 1  | 1  |    | 2  |   |    |
| Red-tailed Hawk                 | 15   | 26  | 21   | 10   | 14    | 37  |      | 2  |    | 3   | 1  |    | 4   | 2  |   | 3   | 1  | 1  | 1  |    | 4  | 5  | 1  |    | 1  | 1  | 1  | 1  |    | 4  |    | 1  |   |    |
| American Kestrel                | 7    | 5   | 3    | 2    | 1     | 3   |      | 1  |    |     |    |    |     |    |   |     |    |    |    |    | 1  |    |    | 1  |    |    |    |    |    |    |    |    |   |    |
| <b>Merlin</b>                   |      |     |      | 1    |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| <b>Peregrine Falcon</b>         |      |     |      | 1    |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| American Coot                   | 21   |     |      | 1969 |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| Killdeer                        | 55   | 107 | 65   | 87   | 29    | 120 | 43   | 1  |    | 4   |    | 1  |     | 6  |   |     |    |    |    |    | 2  |    | 17 | 43 | 87 | 2  |    |    |    |    |    |    |   |    |
| <b>RUDDY TURNSTONE</b>          |      |     | 1    |      |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| <b>Least Sandpiper</b>          |      |     |      |      |       | 45  | 30   |    |    |     |    |    |     |    |   |     |    |    |    |    | 30 | 3  | 42 |    |    |    |    |    |    |    |    |    |   |    |
| <b>Western Sandpiper</b>        |      |     |      |      | cw    |     | cw   |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| Wilson's Snipe                  |      |     |      | 2    | 16    | 59  | 16   |    |    |     |    |    |     |    |   |     |    |    |    |    |    | 16 | 4  | 55 |    |    |    |    |    |    |    |    |   |    |
| American Woodcock               | 3    | 1   | 1    |      | 6     | 4   |      |    |    |     |    |    |     |    |   |     |    |    |    |    | 2  |    | 1  |    |    |    |    |    |    |    |    |    |   | 1  |
| <i>sandpiper, sp.</i>           |      |     |      | 3    |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| Bonaparte's Gull                |      | 12  | 352  | 189  | 105   | 85  | 38   |    |    |     |    |    |     |    |   |     |    |    |    |    | 38 | 37 | 47 | 1  |    |    |    |    |    |    |    |    |   |    |
| Ring-billed Gull                | 329  | 741 | 1937 | 1308 | 20518 | 359 | 67   | 8  |    | 5   |    | 1  | 42  | 23 |   |     |    | 3  | 14 | 15 | 13 | 20 | 67 | 89 | 76 |    | 40 |    | 1  |    | 7  |    | 2 |    |
| Herring Gull                    |      | 6   | 5    | 81   | 416   | 1   |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |   |    |
| <b>Lesser Black-backed Gull</b> |      |     |      | 3    |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| <b>Great Black-backed Gull</b>  |      |     |      | 3    |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| <b>ICELAND GULL</b>             |      |     |      | 1    |       |     |      |    |    |     |    |    |     |    |   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |
| Rock Pigeon                     | 555  | 65  | 58   | 16   | 31    | 132 |      | 11 |    | 52  | 3  | 21 |     |    |   |     |    |    |    |    |    | 29 |    |    |    |    |    |    | 1  |    |    |    | 6 |    |
| Mourning Dove                   | 286  | 290 | 190  | 153  | 140   | 269 |      | 19 |    | 4   | 22 | 13 | 1   |    |   |     |    | 43 | 8  | 4  | 17 | 1  | 11 | 25 | 6  | 5  | 6  | 24 | 29 | 4  | 3  | 8  | 5 | 11 |

## 2007 Triangle Area Christmas Bird Counts

— Chapel Hill Observer Party —

| Species                         | Ral | Dur | Kerr | JL   | Falls | CH   | ovlp | 1   | 2   | 3   | 4   | 5  | 6  | 7  | 8  | 9  | 10 | 11  | 12  | 13 | 14 | 15  | 16 | 17  | 18 | 19  | 20  | 21  | 22 | 23 | 24 | 25  |   |  |
|---------------------------------|-----|-----|------|------|-------|------|------|-----|-----|-----|-----|----|----|----|----|----|----|-----|-----|----|----|-----|----|-----|----|-----|-----|-----|----|----|----|-----|---|--|
| Eastern Screech-Owl             | 3   | 1   | 1    | 3    | 1     | 0    |      |     |     |     |     |    |    |    |    |    |    |     |     |    |    |     |    |     |    |     |     |     |    |    |    |     |   |  |
| Great Horned Owl                | 5   | 5   | 5    | 2    | 1     | 9    |      | 2   |     |     |     | 1  |    |    |    |    |    |     | 2   |    |    |     |    |     |    | 2   |     |     |    | 1  | 1  |     |   |  |
| Barred Owl                      | 2   |     | 2    |      | 3     | 0    |      |     |     |     |     |    |    |    |    |    |    |     |     |    |    |     |    |     |    |     |     |     |    |    |    |     |   |  |
| <b>Rufous Hummingbird</b>       |     |     |      |      | 2     | 0    |      |     |     |     |     |    |    |    |    |    |    |     |     |    |    |     |    |     |    |     |     |     |    |    |    |     |   |  |
| Belted Kingfisher               | 17  | 21  | 12   | 24   | 20    | 23   |      |     | 2   | 1   | 1   |    |    | 1  |    | 1  |    | 1   | 1   |    | 3  | 2   | 1  | 6   |    | 1   | 2   |     |    |    |    |     |   |  |
| Red-headed Woodpecker           |     | 26  | 5    | 2    | 6     | 53   |      |     |     |     |     |    |    | 3  |    |    |    | 2   | 17  |    | 15 | 5   | 4  | 3   |    | 2   |     |     |    | 2  |    |     |   |  |
| Red-bellied Woodpecker          | 93  | 88  | 50   | 32   | 79    | 216  |      | 11  | 8   | 10  | 30  | 5  | 3  | 4  | 1  | 20 | 9  | 13  | 10  | 9  | 11 | 6   | 6  | 8   | 2  | 6   | 13  | 7   | 5  | 1  | 9  | 9   |   |  |
| Yellow-bellied Sapsucker        | 25  | 54  | 24   | 14   | 27    | 95   |      | 5   | 7   | 3   | 9   | 6  | 3  | 3  |    | 7  | 3  |     | 11  | 2  | 9  | 1   | 3  |     | 3  | 5   | 4   |     | 1  | 2  | 2  | 9   |   |  |
| Downy Woodpecker                | 64  | 56  | 36   | 29   | 50    | 130  |      | 6   | 2   | 6   | 17  | 8  | 5  | 2  | 1  | 7  | 3  | 6   | 10  | 4  | 9  | 5   | 4  | 3   | 2  | 6   | 4   | 1   | 2  | 1  | 7  | 9   |   |  |
| Hairy Woodpecker                | 13  | 11  | 11   | 1    | 5     | 35   |      | 3   |     | 4   | 1   | 2  | 3  |    |    | 1  |    |     | 2   |    | 4  |     | 3  | 1   | 2  | 3   |     |     |    | 5  | 1  |     |   |  |
| N. (Yellow-shafted) Flicker     | 47  | 95  | 76   | 42   | 38    | 155  |      | 7   |     | 7   | 9   | 5  | 7  | 8  |    | 10 | 2  | 2   | 24  |    | 12 | 4   | 11 | 26  | 1  | 7   | 2   |     | 2  | 5  |    | 4   |   |  |
| Pileated Woodpecker             | 11  | 10  | 11   | 7    | 8     | 20   |      | 2   | 3   | 1   | 2   |    |    | 2  |    |    |    |     | 1   |    | 3  |     |    | 2   |    | 2   | 2   |     |    |    |    |     |   |  |
| Eastern Phoebe                  | 9   | 15  | 10   | 17   | 28    | 24   |      | 3   |     |     | 2   |    |    | 2  |    |    |    |     | 1   |    | 7  | 1   | 3  |     | 1  | 1   |     |     |    |    |    | 1   |   |  |
| Loggerhead Shrike               | 3   |     |      |      | 2     |      |      |     |     |     |     |    |    |    |    |    |    |     |     |    |    |     |    |     |    |     |     |     |    |    |    |     |   |  |
| Blue-headed Vireo               |     |     |      | 1    | 2     | 1    |      |     |     |     |     |    |    |    |    |    | 1  |     |     |    |    |     |    |     |    |     |     |     |    |    |    |     |   |  |
| Blue Jay                        | 72  | 209 | 229  | 106  | 57    | 336  |      | 15  | 7   | 20  | 27  | 13 | 5  | 6  | 3  | 12 | 8  | 22  | 35  | 17 | 28 | 17  | 12 | 5   | 1  | 12  | 19  | 14  | 2  | 9  | 19 | 8   |   |  |
| American Crow                   | 203 | 349 | 338  | 371  | 457   | 607  |      | 32  | 19  | 69  | 48  | 10 | 24 | 21 |    | 17 | 12 | 11  | 8   | 15 | 18 | 32  | 48 | 60  | 6  | 27  | 37  | 16  | 5  | 22 | 8  | 42  |   |  |
| <b>Fish Crow</b>                | 1   |     | 1    |      | 25    |      |      |     |     |     |     |    |    |    |    |    |    |     |     |    |    |     |    |     |    |     |     |     |    |    |    |     |   |  |
| <b>COMMON RAVEN</b>             |     | 1   |      |      |       | 2    |      |     |     |     |     |    |    |    |    |    |    |     |     |    |    |     |    |     |    |     | 2   |     |    |    |    |     |   |  |
| Carolina Chickadee              | 190 | 254 | 132  | 162  | 228   | 541  |      | 31  | 38  | 62  | 80  | 15 | 9  | 16 | 2  | 26 | 5  | 21  | 17  | 11 | 15 | 15  | 22 | 23  | 6  | 16  | 14  | 25  | 11 | 15 | 26 | 20  |   |  |
| Tufted Titmouse                 | 161 | 229 | 81   | 124  | 170   | 384  |      | 20  | 26  | 38  | 50  | 6  | 10 | 8  | 2  | 13 | 8  | 13  | 16  | 13 | 12 | 17  | 18 | 19  | 6  | 10  | 15  | 12  |    | 7  | 27 | 18  |   |  |
| Red-breasted Nuthatch           | 6   | 7   | 17   | 5    | 14    | 25   |      | 3   | 4   |     | 3   | 5  |    | 2  |    | 1  |    |     |     |    |    |     |    |     | 4  |     | 1   |     |    |    | 1  | 1   |   |  |
| White-breasted Nuthatch         | 37  | 33  | 29   | 10   | 32    | 99   |      | 6   | 5   | 1   | 12  | 4  | 1  | 3  |    | 8  | 3  | 3   | 3   | 3  | 2  | 3   | 6  | 3   | 2  | 1   | 9   | 3   |    | 2  | 5  | 11  |   |  |
| Brown-headed Nuthatch           | 31  | 40  | 51   | 25   | 102   | 115  |      | 2   | 8   | 19  | 10  | 4  | 7  |    |    | 5  |    | 4   |     | 1  | 5  | 4   | 5  | 3   | 1  | 6   | 2   | 12  |    | 3  | 5  | 9   |   |  |
| Brown Creeper                   | 9   | 4   | 9    | 9    | 14    | 17   |      | 2   |     | 2   | 3   |    |    |    |    |    | 1  |     | 2   |    | 2  | 2   |    |     | 2  |     |     |     |    |    | 1  |     |   |  |
| Carolina Wren                   | 165 | 185 | 66   | 83   | 105   | 425  |      | 16  | 13  | 33  | 57  | 16 | 16 | 22 | 2  | 22 | 11 | 9   | 23  | 16 | 18 | 14  | 18 | 17  | 4  | 7   | 30  | 13  | 8  | 2  | 14 | 24  |   |  |
| House Wren                      |     | 8   |      | 1    | 2     | 0    |      |     |     |     |     |    |    |    |    |    |    |     |     |    |    |     |    |     |    |     |     |     |    |    |    |     |   |  |
| Winter Wren                     | 23  | 14  | 2    | 3    | 18    | 34   |      |     | 2   | 1   |     | 5  | 2  |    |    | 2  |    |     |     | 5  |    | 4   |    | 3   | 7  |     | 2   |     |    |    |    | 1   |   |  |
| Golden-crowned Kinglet          | 92  | 137 | 39   | 88   | 171   | 222  |      | 15  | 2   | 19  | 23  | 5  | 4  | 1  |    | 4  | 1  |     | 2   |    | 93 | 2   | 35 | 7   |    | 9   |     |     |    |    |    |     |   |  |
| Ruby-crowned Kinglet            | 141 | 112 | 89   | 94   | 99    | 189  |      | 14  | 8   | 19  | 20  | 5  | 3  | 4  | 1  | 7  | 2  | 4   | 15  | 2  | 33 | 7   | 8  | 16  | 2  | 8   | 1   |     |    | 6  |    | 4   |   |  |
| Eastern Bluebird                | 160 | 283 | 188  | 192  | 230   | 420  |      | 46  | 32  | 37  | 37  | 8  | 8  | 27 |    | 20 | 5  | 8   | 18  | 5  | 15 | 25  | 16 | 8   |    | 19  | 21  | 3   | 3  | 16 | 25 | 18  |   |  |
| Hermit Thrush                   | 23  | 17  | 38   | 5    | 36    | 36   |      | 1   | 3   | 1   | 1   |    | 2  | 1  |    | 2  | 2  |     | 3   |    | 1  | 2   | 6  |     | 2  | 2   |     |     |    | 2  |    | 5   |   |  |
| American Robin                  | 256 | 231 | 848  | 204  | 1664  | 909  |      | 20  | 19  | 96  | 82  |    | 5  | 41 |    | 18 | 44 |     | 53  | 41 | 4  | 58  | 9  | 23  |    | 14  | 9   | 84  | 83 | 3  |    | 203 |   |  |
| Gray Catbird                    | 1   | 1   |      |      |       | 2    |      |     |     |     |     |    |    | 1  |    |    |    |     | 1   |    |    |     |    |     |    |     |     |     |    |    |    |     |   |  |
| Northern Mockingbird            | 58  | 78  | 48   | 30   | 38    | 137  |      | 13  | 5   | 4   | 8   | 2  | 1  | 4  | 1  | 4  | 14 | 7   | 8   | 1  | 2  | 2   |    |     |    | 4   | 8   | 1   | 7  | 8  | 11 | 22  |   |  |
| Brown Thrasher                  | 15  | 35  | 7    | 6    | 9     | 22   |      | 1   |     | 2   | 3   |    |    | 1  |    | 1  | 1  | 1   | 5   | 3  |    | 1   |    |     |    |     |     |     |    | 1  |    | 1   | 1 |  |
| European Starling               | 784 | 391 | 53   | 194  | 1679  | 1075 |      | 110 | 155 | 65  | 2   | 39 | 60 |    |    | 89 |    | 19  | 4   | 35 | 6  | 5   | 1  |     |    | 14  | 325 | 30  |    | 10 |    | 106 |   |  |
| American Pipit                  | 9   | 413 |      |      | 2     | 203  |      | 52  |     |     |     |    |    |    |    |    |    |     |     |    | 8  | 117 | 26 |     |    |     |     |     |    |    |    |     |   |  |
| Cedar Waxwing                   | 178 | 198 | 306  | 188  | 164   | 690  |      | 68  |     | 2   | 41  | 20 |    |    | 15 | 4  | 20 |     | 7   |    | 11 | 68  | 4  |     |    | 167 |     | 200 |    |    | 9  | 54  |   |  |
| <b>Orange-crowned Warbler</b>   |     |     |      |      | 1     |      |      |     |     |     |     |    |    |    |    |    |    |     |     |    |    |     |    |     |    |     |     |     |    |    |    |     |   |  |
| Yellow-rumped (Myrtle) Warbler  | 214 | 45  | 65   | 17   | 75    | 340  |      | 14  |     | 32  | 23  |    | 47 |    |    | 12 | 16 | 21  | 16  | 13 | 17 | 2   | 7  | 6   | 1  | 12  | 11  | 8   |    | 2  | 8  | 72  |   |  |
| <b>Yellow-throated Warbler</b>  | 1   |     |      |      |       |      |      |     |     |     |     |    |    |    |    |    |    |     |     |    |    |     |    |     |    |     |     |     |    |    |    |     |   |  |
| Pine Warbler                    | 15  | 8   | 35   | 10   | 41    | 49   |      |     |     | 2   | 2   | 3  |    |    | 1  | 2  |    |     |     |    | 1  |     | 7  | 10  |    | 4   | 2   |     |    |    | 15 |     |   |  |
| <b>Palm Warbler</b>             | 3   | 3   |      | 3    | 1     | 1    |      |     |     |     |     |    |    |    |    |    |    |     |     |    |    | 1   |    |     |    |     |     |     |    |    |    |     |   |  |
| Eastern Towhee                  | 62  | 155 | 85   | 62   | 67    | 287  |      | 21  | 5   | 33  | 34  | 1  |    | 8  |    | 10 | 8  | 10  | 50  | 6  | 26 | 7   | 5  | 15  |    | 8   | 12  | 4   | 5  | 2  | 8  | 9   |   |  |
| Chipping Sparrow                | 43  | 35  | 7    | 46   | 147   | 62   |      | 3   |     |     | 1   | 10 |    |    |    | 2  |    |     | 2   |    |    | 9   |    |     |    | 21  |     |     | 1  | 13 |    |     |   |  |
| Field Sparrow                   | 68  | 65  | 3    | 23   | 78    | 74   |      | 14  | 2   | 40  |     | 1  | 6  |    |    | 1  | 1  |     | 3   |    | 1  | 2   |    | 1   |    |     |     |     | 1  |    | 1  |     |   |  |
| Savannah Sparrow                | 12  | 8   | 44   | 20   | 8     | 3    |      | 3   |     |     |     |    |    |    |    |    |    |     |     |    |    |     |    |     |    |     |     |     |    |    |    |     |   |  |
| Fox Sparrow                     | 22  | 51  | 36   | 64   | 62    | 80   |      | 1   | 6   | 4   | 1   | 6  | 16 |    |    |    |    | 1   | 12  |    | 8  | 2   | 16 |     | 1  | 2   |     |     |    |    |    | 4   |   |  |
| Song Sparrow                    | 447 | 647 | 161  | 136  | 275   | 375  |      | 29  |     | 56  | 6   | 4  | 12 | 2  |    | 17 | 9  | 4   | 75  |    | 38 | 7   | 22 | 21  |    | 25  |     | 2   |    | 18 | 1  | 27  |   |  |
| <b>Lincoln's Sparrow</b>        |     |     | 1    |      |       |      |      |     |     |     |     |    |    |    |    |    |    |     |     |    |    |     |    |     |    |     |     |     |    |    |    |     |   |  |
| Swamp Sparrow                   | 73  | 76  | 6    | 5    | 20    | 39   |      | 1   |     |     | 5   |    | 2  |    |    | 1  |    |     | 10  |    | 6  | 3   | 1  | 3   |    | 5   |     |     |    |    |    | 2   |   |  |
| White-throated Sparrow          | 741 | 924 | 485  | 382  | 472   | 1026 |      | 38  | 31  | 176 | 40  | 10 | 28 | 14 |    | 16 | 14 | 68  | 160 | 13 | 65 | 28  | 30 | 90  | 7  | 32  | 19  | 18  | 27 | 8  | 37 | 57  |   |  |
| White-crowned Sparrow           |     | 2   |      |      |       | 1    |      | 1   |     |     |     |    |    |    |    |    |    |     |     |    |    |     |    |     |    |     |     |     |    |    |    |     |   |  |
| Dark-eyed (Slate-colored) Junco | 332 | 962 | 563  | 1011 | 1052  | 1120 |      | 6   | 73  | 102 | 107 | 52 | 45 | 41 |    | 82 | 22 | 29  | 20  | 44 | 35 | 31  | 34 | 31  | 8  | 55  | 23  | 63  | 25 | 52 | 30 | 110 |   |  |
| Northern Cardinal               | 186 | 352 | 143  | 269  | 277   | 691  |      | 28  | 36  | 64  | 78  | 17 | 10 | 7  | 4  | 22 | 19 | 29  | 20  | 13 | 43 | 20  | 21 | 21  | 13 | 19  | 25  | 21  | 27 | 27 | 67 | 40  |   |  |
| Red-winged Blackbird            | 829 | 433 | 451  | 800  | 223   | 1020 |      | 1   |     | 50  |     | 15 | 50 |    |    | 75 |    | 125 | 260 |    | 38 | 44  | 27 | 134 |    | 50  | 150 |     |    |    |    | 1   |   |  |
| Eastern Meadowlark              | 27  | 28  | 59   | 27   | 2     | 18   |      | 8   |     | 8   |     |    |    |    |    |    |    |     |     |    |    |     |    |     |    | 2   |     |     |    |    |    |     |   |  |

## 2007 Triangle Area Christmas Bird Counts

— Chapel Hill Observer Party —

| Species                            | Ral   | Dur    | Kerr   | JL    | Falls  | CH     | ovlp | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8  | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   |     |
|------------------------------------|-------|--------|--------|-------|--------|--------|------|------|------|------|------|------|------|------|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| Rusty Blackbird                    | 19    | 65     |        | 110   | 1      | 816    |      |      |      |      |      |      | 800  |      |    |      |      | 10   |      |      |      | 6    |      |      |      |      |      |      |      |      |      |      |     |
| Common Grackle                     | 158   | 3206   | 1      |       | 5      | 7575   |      | 508  |      |      |      | 50   |      | 23   |    | 1    |      | 7    | 3500 | 300  | 1200 | 85   | 400  |      |      | 1500 |      |      |      |      |      | 1    |     |
| Brown-headed Cowbird               | 342   | 1      | 1      |       | 2      | 32     |      | 32   |      |      |      |      |      |      |    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| Baltimore Oriole                   | 5     |        |        |       |        | 1      |      |      |      |      |      |      |      |      | 1  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| Purple Finch                       | 3     | 5      | 2      | 13    | 6      | 11     |      |      |      |      | 1    |      |      |      |    |      |      |      | 2    |      |      |      |      |      | 3    |      |      |      |      |      | 5    |      |     |
| House Finch                        | 67    | 116    | 15     | 19    | 33     | 314    |      | 31   | 3    | 14   | 71   | 36   |      | 9    | 2  | 16   | 4    |      |      | 17   |      | 3    |      |      | 4    | 11   | 2    | 3    | 16   | 7    | 65   |      |     |
| Pine Siskin                        |       |        | 1      | 3     |        | 47     |      |      |      |      | 1    |      |      |      |    |      |      |      |      |      |      | 2    |      |      | 40   |      |      |      |      |      | 4    |      |     |
| American Goldfinch                 | 240   | 442    | 184    | 103   | 196    | 683    |      | 48   | 19   | 43   | 40   | 29   | 20   | 21   |    | 15   | 6    | 23   | 35   | 8    | 27   | 26   | 32   | 107  | 20   | 30   |      | 11   | 8    | 17   | 38   | 60   |     |
| House Sparrow                      | 3     | 18     | 4      | 12    | 26     | 54     |      | 2    |      | 3    |      |      | 15   | 2    |    | 1    | 22   |      |      |      | 2    |      |      |      |      |      |      |      |      |      | 3    | 4    |     |
| <b>TOTAL SPECIES 123</b>           | 92    | 88     | 90     | 88    | 96     | 94     | 9    | 63   | 36   | 50   | 49   | 41   | 40   | 42   | 13 | 54   | 36   | 35   | 58   | 29   | 65   | 59   | 53   | 46   | 31   | 52   | 37   | 31   | 21   | 36   | 34   | 50   |     |
| <b>TOTAL INDIVIDUALS</b>           | 10933 | 14251  | 9548   | 12059 | 31455  | 24890  | 305  | 1423 | 609  | 1444 | 1074 | 529  | 1413 | 438  | 36 | 825  | 300  | 519  | 4575 | 634  | 2102 | 1098 | 1307 | 882  | 156  | 2281 | 889  | 582  | 230  | 298  | 428  | 1123 |     |
| Number of Field Parties            |       |        |        | 23    | 17     | 24     |      | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 0  | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |     |
| Number of Participants             | 64    | 29     |        | 52    | 27     | 52     |      | 1    | 2    | 1    | 5    | 1    | 1    | 1    | 0  | 2    | 1    | 1    | 2    | 2    | 1    | 3    | 1    | 1    | 1    | 2    | 1    | 2    | 1    | 2    | 10   | 7    |     |
| Start Time:                        |       |        |        |       |        | 515    |      | 530  | 715  | 725  | 645  | 530  | 715  | 715  |    | 545  | 900  | 730  | 700  | 715  | 630  | 600  | 700  | 700  | 700  | 700  | 520  | 530  | 730  | 715  | 800  | 830  | 515 |
| End Time:                          |       |        |        |       |        | 1800   |      | 1700 | 1400 | 1425 | 1530 | 1230 | 1430 | 1340 |    | 1645 | 1345 | 1215 | 1800 | 1315 | 1400 | 1230 | 1330 | 1300 | 1700 | 1250 | 1710 | 1145 | 1700 | 1630 | 1100 | 1630 |     |
| <b>Party Hours: Total</b>          | 77    | 104.75 | 78.75  | 94.75 | 92.75  | 164    |      | 10   | 6.5  | 6    | 8    | 5.5  | 6.5  | 5    | 0  | 7.5  | 4.5  | 4.75 | 7    | 6    | 7.25 | 8.5  | 6.5  | 5.75 | 1    | 6    | 9.25 | 4    | 4    | 8    | 17.5 | 9    |     |
| Party Hours: On Foot               |       |        | 60.25  | 56    | 69.25  | 141.75 |      | 8    | 6    | 5    | 7.5  | 5    | 5.5  | 3    |    | 7.5  | 4.5  | 4.75 | 7    | 5    | 3    | 6    | 6    | 5.5  | 1    | 4.5  | 9    | 3.5  | 2    | 6    | 17.5 | 9    |     |
| Party Hours: By Car                |       |        | 18.5   | 38.75 | 23.5   | 19     |      | 2    | 0.5  | 1    | 0.5  | 0.5  | 1    | 2    |    |      |      |      |      | 1    | 1    | 2.5  | 0.5  | 0.25 |      | 1.5  | 0.25 | 0.5  | 2    | 2    |      |      |     |
| Party Hours: By Bicycle<br>by boat |       |        |        |       |        | 3.25   |      |      |      |      |      |      |      |      |    |      |      |      |      |      | 3.25 |      |      |      |      |      |      |      |      |      |      |      |     |
| Owling Hours                       |       |        | 5.5    | 5.25  | 8      | 7.75   |      | 1    |      |      |      | 1    |      |      |    | 1    |      |      | 0.5  |      | 1    |      |      |      |      | 1.5  | 0.5  |      |      | 0.5  | 0.75 |      |     |
| Feeder Hours                       |       |        |        |       | 7      | 30.5   |      |      |      |      | 1.5  |      |      |      | 2  |      |      |      |      |      |      |      |      |      | 2    |      |      |      | 1    |      | 24   |      |     |
| <b>Party Miles: Total</b>          |       |        | 232.75 | 282.5 | 242.25 | 319    |      | 34   | 5.5  | 20   | 15   | 5    | 23   | 27   | 0  | 4.5  | 3    | 4.5  | 4    | 27   | 17   | 18   | 10   | 4    | 1    | 11.5 | 10.5 | 8    | 21   | 37.5 | 3    | 5    |     |
| Party Miles: On Foot               |       |        | 46.75  | 51.5  | 65.85  | 90     |      | 2    | 2.5  | 3    | 5    | 3    | 8    | 2    |    | 4.5  | 3    | 4.5  | 4    | 2    | 4    | 5    | 8    | 2    | 1    | 1.5  | 9.5  | 3    | 2    | 2.5  | 3    | 5    |     |
| Party Miles: By Car                |       |        | 186    | 231   | 176.4  | 220    |      | 32   | 3    | 17   | 10   | 2    | 15   | 25   |    |      |      |      |      | 25   | 4    | 13   | 2    | 2    |      | 10   | 1    | 5    | 19   | 35   |      |      |     |
| bicycle<br>boat                    |       |        |        |       |        | 9      |      |      |      |      |      |      |      |      |    |      |      |      |      |      | 9    |      |      |      |      |      |      |      |      |      |      |      |     |
| Owling Miles                       |       |        | 19.45  | 22.55 | 19.35  | 23.5   |      | 4    |      |      |      |      |      |      |    | 0.5  |      |      | 0.5  |      | 8    |      |      |      |      |      | 0    |      |      | 10   | 0.5  |      |     |

**CH:** Chapel Hill count date: 12/23/07; compiler: Will Cook; 50-65F; S 5-20 mph; rain in pm; cloudy- cloudy  
**Ral:** Raleigh count date: 12/15/07; compiler: John Connors; weather: ?-45F, N 0-5, cloudy, lt rain in am  
**Falls:** Falls Lake count date: 1/2/08; compiler: Brian Bockhahn; 29-38F; 0-10 mph; lt snow in am; cloudy-pt cloudy

**Kerr:** Kerr Lake count date: 1/3/08; compiler: Brian Bockhahn; 22-36F; 5-15 mph; sunny  
**Dur:** Durham count date: 12/16/07; compiler: Mike Schultz; 35-48F; cloudy-partly cloudy; lt rain in am  
**JL:** Jordan Lake count date: 12/30/07; compiler: Norm Budnitz; 50-55F, overcast, light-heavy rain all day

**Party Areas**  
 1 1,4  
 2 2,7  
 3 3,5, 6  
 4 8, 13  
 5 9, 10  
 6 11, 12  
 7 14, 17  
 8 14-yard  
 9 15, 18  
 10 16  
 11 19  
 12 20  
 13 21

**Party Members**  
 Derb Carter  
 Pam Timmons, Perry Haaland  
 Jeff Pippen  
 Tom & Barbara Driscoll, Patsy Bailey, Bo Howes,  
 Colyer Durovich  
 Norm Budnitz  
 Kent Fiala  
 Betty King  
 Julia Shields, Will Cook  
 Bob Chase, Ron Hodgson  
 Ginger Travis  
 Carol Williamson  
 Will Cook, Seth Reice  
 Harriet Sato, Lisa Eveleigh

**Party Areas**  
 14 22 N  
 15 22 S  
 16 24 N  
 17 23, 25  
 18 25-yard  
 19 24 S  
 20 26  
 21 27, 28  
 22 29  
 23 30  
 24 31  
 25 32

**Party Members**  
 Brian Bockhahn  
 Anson Cooke, Dwayne Cooke, Phil Warren  
 Doug Shadwick  
 Amalie Tuffin  
 Shelley Theye  
 Alan Johnston, Edith Tatum  
 Jane Brinkley  
 Marsha Stephens, David Curtin  
 Pat Cummins  
 Eric Scholz, Michelle Smith  
 Audrey Booth, Janet Campbell, Roger Gorham, Marcia Hellerman,  
 Judy Smallwood, Jane Arndt, Catherine Faver, Caroline Sikorsky  
 Ann Kendall, Blair Bowers. Feeder watchers: Libby Holder, Nancy Gorham,  
 Oliver Orr, Molly DeWalt, Wallace Clyde, Jay Rabb, Ken Pickett,  
 Susan Fraser, Mabel Parker, Margaret Moore, Gay Brashear  
 Maurice Graves, Steven Graves, Bobbie Hahn, David Murdock,  
 Candace Owens, Jerrold & Joan Walecka  
 Feeder watchers: Lew Miles, Harry & Caroline Pederson, Beth Duncan