c/o R. Gluck, 451 Melanie Ct. Chapel Hill, NC. 27514 thrush@hotmail.com



To:

THE BULLETIN... Chapel Hill Bird Club

August/September 2006 http://chbc.carolinanature.com

Vol. 35

New CHBC Season Underway...

>> Upcoming Meeting: Monday, Sept. 25
-- "Alaska Birding" --

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

Who/What: Long time Club member (and past President), current editor for The Chat, and all-around birder-par-excellence (no slouch of a software developer either), Kent Fiala will start the season off with a report on his recent tour of Alaska, featuring stops in the Pribilof Islands, Anchorage, Kenai Fjords, Nome, Denali, Fairbanks and Barrow. Additionally, he will answer that age-old question "Is it possible to take too many Red Phalarope photos?" and will also explain why he's not sure if he got 29 lifers or 30.

And the rest of the season's meetings look like this:

Oct. 23 Larry Early, Looking for Longleaf Nov. 27 Lena Gallitano, Birds of Bhutan

Jan. 22 Jamie Rotenburg, Painted Buntings

Feb. 26 Steve Nowicki, How Do Birds Sing and Why

Does it Matter?

Mar. 26 Cindy Tripp, Roanoke River

April 23 open

May 21 picnic

-- Checklist Available --

As we enter a new birding season a reminder for newbies or anyone else not aware of it that a checklist of Triangle area bird species is available for download (pdf file) from Will Cook's website at:

http://chbc.carolinanature.com/trichk.pdf

No. 6

>} Thought for the Day >} >} >}

"If you're too busy to go birding, you're too busy" ~ Robert E. Holtz

Saturday Morning Field Trips

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

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Data LCD Projector Needed

Have you noticed in the past two years how we haven't been using our slide projector, since our speakers are using PowerPoint for their programs? If the speaker doesn't have their own projector or laptop, we need to look around for one to borrow, sometimes at the last moment.

So, we're looking for our own projector!! Do you know of a business that is updating their system and could possibly donate their old one to CHBC? Or, do you know of a good used projector that we could purchase at a low price? If so, let us know! Contact Karen at 844-9050 or chickadeebirders@earthlink.net. Thank you!!

Mercury In the News

A recently-released report, commissioned by The Nature Conservancy in New York state found high levels of mercury in the blood and feathers of 178 songbirds tested (highest being in Wood Thrushes). It's assumed land-based mercury pollution makes its way into the worms, insects, and other foodstuff of these birds, and is yet another argument for tighter regulation of the sources of this widespread environmental toxin.

A Few Summer Highlights

Possibly the highlight of summer birds in the Triangle was nesting **Anhingas** discovered near Jordan Lake (in the same area as a large Great Blue Heronry) by J.M. Lynch -- if Anhingas follow the pattern of Great Blues from the past then maybe we will see further expansion of their numbers locally in ensuing years. Possibly even more exciting and only slightly farther afield was a nesting pair of **Scissor-tailed Flycatchers** (that produced three offspring), in Southern Pines, in June, first discovered by Scott Hartley (and shortly thereafter another pair on the western side of NC), while a **Snowy Plover** was seen by many on the Outer Banks also in June.

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-- Spring Bird Counts --

CHAPEL HILL (from Will Cook)

The 2006 Chapel Hill spring count on May 6 wasn't nearly as spectacular as last year's, but we still did pretty well, with 125 species and 11382 individual birds, both slightly above the 10-year average of 123 species and 10637 birds. We had a near-average number of groups (24) and counters (45), and the 151.3 party-hours was just slightly below the average of 156.7.

We found only a few rarities this time around, unlike last year, when they seemed to be dripping from the trees. Highlights included a pair of Hooded Mergansers found by Judy Murray at Jordan Lake, our fourth straight report. Last year in the same location one young was seen, the first local nesting evidence. Pied-billed Grebes were another highlight, our first since 1991, with singles reported by both Pam Timmons's and Betty King's parties. And for the second year in a row, the team of Betty King, Barbara Roth, and Judy Teague observed a Yellow-crowned Night-Heron at the New Hope Creek Waterfowl Impoundment on NC 54. Other goodies included 8 Chuck-will's-widows (7 heard by Jacob Socolar, 1 by Norm Budnitz), a Bank Swallow (Derb Carter), and a Hermit Thrush (Doug Shadwick), and a Canada Warbler (Tom Driscoll's party).

We set record highs for 12 species: we had 25 Bald Eagles (ties 2003), 8 Chuck-will's-widows (previous high just 1!), 88 Acadian Flycatchers (81 in 1992), 108 Great Crested Flycatchers (80 in 2005), 75 Fish Crows (55 in 2002), an astounding 585 Carolina Wrens (512 in 2005) and 61 House Wrens (45 in 2005), 119 Gray Catbirds (112 in 2005), 7 Magnolia Warblers (ties 1986), 53 Prothonotary Warblers (52 in 2005), 143 Summer Tanagers (130 in 2001), and 57 Song Sparrows (53 in 2003).

We missed Northern Bobwhite for only the second time ever. This was not unexpected, however, since we've only averaged just 6 for the last 10 counts. They used to be much more common in the area, averaging 92 during the years 1960-1985. However, Eastern Meadowlark, another declining species found in similar habitats as Bobwhite, actually did fairly well this year, with a count of 33 vs. last year's record low 3. Another big miss this year was Northern Waterthrush -- we average 7 on a count and hadn't missed this fairly common migrant since 1965. Also unusually low: Northern Flicker (lowest since 1974), European Starling (lowest since 1975), American Redstart, Louisiana Waterthrush, and Blue Grosbeak.

Honors for highest species total this year go to the Mason Farm team (Will Cook, Lisa Merschel, Steve Quinley, John Kim, Gervasio Piñeiro, Michael Szpir, and Martine Nehrig) with 86 species, followed by Brian Bockhahn with 80 species in the Stagecoach Road area. The team of

Tom & Barbara Driscoll and Colyer Durovich had the highest individual tally, with 1147 birds (71 species) in the Eastwood Lake and Turkey Farm Road areas.

Weather in brief: low 60 F, high 81 F; no rain; wind NW 5-10 mph; partly cloudy to clear.

Thanks to all 45 field participants and 8 feeder watchers for participating!

JORDAN LAKE (from Norm Budnitz):

There are those who would say that May 7, 2006, was an ugly day... rains, which weren't supposed to come until mid-afternoon, kicked in shortly after 6:15 AM and kept most of us cold and wet all day. By noon, the temperature had fallen to 53 °F... But your compiler has always maintained that bad weather brings good birds. Was that true this year? Read on.

Forty-nine observers in 22 parties counted 7,024 individuals (certainly lower than our 10-year average: 8643) of 126 species (right on our 10-year average: 126), during 118 hours in the field (10-year average: 147). So the brave souls who hung in there found a goodly number of species, just not as many individuals of those species. That's okay.

In spite of the rain, or maybe because of it, we did turn up some rather unusual birds. Ginger Travis, kayaking White Oak Creek, found a Common Moorhen. The last time we had a Moorhen on our count was one bird in 1979, when they were still called Common Gallinules! Will Cook found 4 Buffleheads (1 male and 3 females) on Harris Lake. We get Buffleheads on our Christmas count, but this is only the third spring sighting. Mike and Lois Schultz and Tom Krakauer found 3 Pectoral Sandpipers at the wastewater settling ponds near Poplar Point (last reported in 1990). Bob Rybczynski turned in a thorough report of a Gray-cheeked Thrush. Though the bird wasn't singing, he reported its call note and even compared it later to a recording of Bicknell's Thrush on Cornell's website. Josh and Sterling Southern turned up a Blue-winged Warbler, last seen on our count in 1998. And, having invoked the bad weather rule, your compiler would have been red-faced if he and Patsy Bailey hadn't found a Wilson's Warbler, last seen on the count in 1996. Also, Harold Carter reported a count period Greater Yellowlegs at Harris Lake. (Count period is 3 days before to 3 days after count day.)

We did not generate any record high numbers for regularly occurring species—not surprising, given the weather. But we didn't miss many species that we should expect to see either; Cooper's Hawk and American Kestrel were two.

Bad weather = good birds. I stand by it. And thank you all for hanging in there and finding them.

FALLS LAKE (from Brian Bockhahn):

The third ever Falls Spring count May 1, 2006 tallied 112 species, finally breaking the century mark after two years of 99! The intrepid work of our 13 birders made the difference (we had 7 for each of the first two). New to the count this year was an impressive Least Sandpiper at Rollingview and a long awaited Green Heron in area 8A. The frequency codes were based on my five years of wildathons, so it is a little skewed, but some other great finds were second count records of House Wren at Camp Kanata, Lesser Yellowlegs and Chestnut-sided Warblers at Sandling Beach. Third records include Hermit Thrush at Lick Creek, Swainsons Thrush at Blue Jay Point, Worm-eating Warbler

in Woodpecker Ridge and two parties finding Black-throated Green Warblers.

Misses were Common Loon, Spotted Sandpiper, any non Ring-billed Gulls, Caspian Tern and Louisiana Waterthrush.

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Low numbers of sparrows, Eastern Wood Pewee and Cuckoos.

Some Summer Hummer Stories

Thought these earler reports on 'Carolinabirds' from Mary McClelland (first one) and K.C. Foggin interesting and worth repeating:

"All summer I have been disappointed by the lack of traffic at my hummingbird feeder. I have the feeder hanging in a potted ficus tree on the deck. I would occasionally see hummingbirds in the yard but I had not seen a single one at the feeder.

Last week when I refilled the feeder I wondered if the plastic frog hanging in the branches of the ficus tree could be discouraging the hummingbirds. I moved the plastic frog to another potted plant.

Moments later I was in the house and saw a hummingbird checking out the feeder. Since I moved the plastic frog, I've had a steady stream of hummingbirds at the feeder. I've also noticed that sometimes the hummingbird will pause and seem to examine the tree before feeding as if looking for the plastic frog.

In the future, I'll be more aware of what other yard art is close to the feeder."

...and this from K.C. Foggin: "The last few nights while letting the dog out for the last walk, I have noticed one of my hummer feeders moving back and forth quite a bit but could never see anything from the deck. Tonight though when I put on the back lights I got lucky and actually saw what was draining my feeder so quickly. A bat! How cool is that. Didn't even know they would feed on sugar water. Must get me a bat house."

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Book Corner

I usually use this space to mention newer books, but only recently came across this 2001 publication that looked valuable and came highly-rated on Amazon.com: Bird Tracks and Sign by Mark Elbroch et. al. It makes a nice adjunct to other field guides covering topics usually not much focussed on: tracks, droppings, pellets, feathers, nests, and bird skulls! Downside: even in paperback, it retails for \$35.

Also out this summer and getting excellent reviews on Amazon (...and from Tom Krakauer as well) was The **Shorebird Guide** by Richard Crossley *et.al*. Interestingly, it apparently focuses on the GISS system (general impression of size and shape, which Pete Dunne also has recently focused on) for ID'ing the bane of many a birder, shorebirds.

Another new book that sounds potentially fascinating is, Life List: A Birder's Spiritual Awakening by Chris Dunford. One reviewer writes., "This is a unique book about birding that is as much about spirituality as it is about the fanatical interest that some people have in birds."

And for the many loons...er..uh... I mean loon-lovers in the Club, Stan Tekiele has a new book out, Fascinating Loons, a wonderful slim picture-and-text volume on the lives of these 'fascinating' avians.

Finally, just when you think he's about covered it all, Pete Dunne keeps putting out new books, this time, The Art of Pishing: How to Attract Birds by Mimicking Their Sounds.

That should keep ya' busy for awhile.

Grail Bird AWOL in Arkansas, BUUUT...

Cornell's search for the Ivory-billed Woodpecker in Arkansas ended in April with little indication of the bird's presence, but within another month news is expected to be released of a major new find in another state, and the Big Woods search will continue this coming winter.

-- Listers: Take Heed --

The 47th supplement to the AOU Check-list of North American Birds is on the Web at:

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http://www.aou.org/checklist/Suppl47.pdf (full checklist at: http://www.aou.org/checklist/)

Two of the additional new species were first documented for North America on Brian Patteson's pelagic trips off the N.C. coast in 2004:

Cape Verde Shearwater (Calonectris edwardsii) Black-bellied Storm-Petrel (Fregetta tropica) (Fea's Petrel still hasn't made the list, though.)

Some other changes pertinent to Carolinians:

The shorebird tribe Tringini is rearranged and there's a scientific name change for Willet: Catoptrophorus semipalmatus --> Tringa semipalmata

The terns are reordered and some of them are split from *Sterna* into other genera:

Sooty Tern, Sterna fuscata --> Onychoprion fuscatus Bridled Tern, Sterna anaethetus --> Onychoprion anaethetus

Least Tern, Sterna antillarum --> Sternula antillarum Gull-billed Tern, Sterna nilotica -->Gelochelidon nilotica

Caspian Tern, Sterna caspia --> Hydroprogne caspia Royal Tern, Sterna maxima --> Thalasseus maximus Sandwich Tern, Sterna sandvicensis --> Thalasseus sandvicensis

The domesticated/feral Ringed Turtle-Dove (Streptopelia risoria) now goes by the name of the wild species: African Collared-Dove (Streptopelia roseogrisea). These have been seen in NC, but they're not established, as is the Eurasian Collared-Dove.

The skuas/jaegers are elevated to family *Stercorariidae*,

moved out of the *Laridae*. The family is placed between the *Laridae* and *Alcidae*, just after Black Skimmer.

Hmmmm... Hawaii in March :

This summer the NC Museum of Natural Sciences (Raleigh) ran the following blurb in their newsletter about a bird tour to Hawaii in 2007:

International Learning Adventures Hawaii Bird Trip March 17 - 31, 2007 (New Dates)

Journey to the mid-Pacific Ocean, where the idyllic islands of Hawaii offer breathtaking scenery, impressive seabird colonies, fascinating endemic birds and plants, and rich Polynesian culture. The Museum's new Curator of Birds, Doug Pratt, will lead the tour. He is a worldrenowned authority on Hawaii's birds, plants, geology, culture and history. We will visit four of the seven inhabited islands--Oahu, Hawaii (the Big Island), Maui and Kauai. Come journey with us through Kealia Pond National Wildlife Refuge, Hakalau Forest National Wildlife Refuge, Hawaii Volcanoes National Park, the aquarium at the Maui Ocean Center and other spectacular sites. See active and dormant volcanoes, hike in rain forests, swim with monk seals and boat along scenic coastlines. Limited to 18 participants. For more information, contact Doug Pratt at 919-733-7450, ext. 728, or doug.pratt@ncmail.net .

This message is non-commmercial; the tour is being run on a nonprofit basis as part of the Museum's outreach and education program.

On The Web

Need a little humor to get yourself through the day? The "Dick E. Bird News" has been offering up humor and interesting thoughts to birders for years and is available to sample on the internet at:

http://thedickebirdnews.com/

And if you have a budding birder in the family a nice little attractive site with an assortment of good links and info is: http://www.birdwatchin.com

or, for other birders, I'll mention one last birder blog (which links to dozens more!):

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http://www.birdstuff.blogspot.com/

Butterflies Too...

It's not hard to understand why many birders in the last decade have expanded their interest and hobby to include the other beautiful flying creatures amongst us: butterflies. Jeff Pippen runs a fine webpage (with excellent links) for those interested in these fragile flitting gems:

http://www.duke.edu/~jspippen/butterflies.htm

(And from there you can also check out Jeff's nature homepage or learn how to subscribe to his "Carolinaleps" listsery group for butterfly watchers.)

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| Patsy Bailey, 277 Mint Springs Rd., Pittsboro, NC 27312 |
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| CHBC Contacts (New Officers) (ph., email): |
| >President:: Ruth Roberson, 489-4888, ruth-roberson@nc.rr.com |
| >Vice-Pres.(RDU): Karen Bearden, 884-9050, |
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| >Vice-Pres. (Chapel Hill): Ginger Travis, 942-7746, |
| ginger_travis@bellsouth.net |
| >Secretary: Amalie Tuffin, 641-8072, amaliet@post.harvard.edu >Treasurer: Patsy Bailey, 933-5850, pbailey@fhi.org |
| >Field Trip Chairman: Doug Shadwick, 942-0479, |
| dougshadwick@aol.com |
| >Refreshments Chair: Karen Piplani, 929-6553, |
| k_piplani@alumni.unc.edu |
| >CHBC webmaster, checklist, and CH count compiler: Will Cook, 382-9134, cwcook@duke.edu |
| >Newsletter Editor: <i>Rob Gluck</i> , 967-3134, thrush@hotmail.com |
| |
| Will Cook's homepage is an excellent general source of |
| birding and nature-related links/resources (and also the place |
| to learn about 'Carolinabirds'internet listserv group): http://www.duke.edu/~cwcook |
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| Parting Words |
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"Lord, help me to be the person my dog thinks I

~ bumper sticker

am."

| 2006 SPRING BIRD COUN | | | | | | | | | | | | | | | | OI. | | 01 | | | | | | | | | | | | |
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| Species | 4/30 Dur | 5/1 FL | 5/2 KL | 5/7 JL | | overlap | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | _(9 | Chape 10 | l Hill 11 | | rver l | | | | - 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| GOOSE, Canada | 221 | 94 | 59 | 126 | 358 | | 10 | | 13 | 16 | П | 44 | 56 | 30 | 60 | 10 | 2 | 11 | 2 | 8 | 5 | 13 | 1, | 4 | 17 | 9 | | 34 | 6 | |
| DUCK, Wood | 44 | 10 | 30 | 28 | 72 | | 4 | 1 | | | | | 4 | | 4 | | | 8 | | 2 | | 17 | | 5 | 4 | 6 | | | 8 | 9 |
| MALLARD BUFFLEHEAD | 54 | 36 | 10 | 52 | 87 | | | | 11 | | \vdash | 1 | 5 | | 32 | | | 2 | 12 | 2 | 2 | 5 | 4 | 3 | 3 | 2 | | 2 | 1 | $\vdash \vdash$ |
| MERGANSER, Hooded | 1 | | | 4 | 2 | | | | | | | | | | | | | | | | | | | | 2 | | | | \dashv | \vdash |
| Red-breasted | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DUCK, Ruddy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TURKEY, Wild | 7 | 13 | 5 | 7 | 4 | | | | | 1 | | | 1 | | | | | | | 1 | 1 | | | | | | | | | ш |
| BOBWHITE, Northern LOON, Common | - 2 | 4 | 6 | 1 | | | | | | | \vdash | | | | | | | | | | | | | | | | | | | \vdash |
| GREBE, Pied-billed | | | | | 2 | | | 1 | | | | | 1 | | | | | | | | | | | | | | | | \dashv | \vdash |
| CORMORANT, Double-crested | 406 | 194 | 214 | 436 | 140 | 65 | | | | | | | | | | | | 1 | | 10 | 3 | 18 | 100 | 68 | 1 | 4 | | | | |
| ANHINGA | cw | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | Ш |
| HERON, Great Blue | 83 | 68 | 34 | 133 | 180 | 35 | 3 | 1 | 1 | | $\vdash \vdash$ | 2 | 3 | | 2 | | 6 | 3 | 2 | 16 | 8 | 31 | 33 | 28 | 4 | 70 | | \vdash | 1 | 1 |
| EGRET, Great | 0.5 | 00 | 3 | 2 | 1 | 33 | , | 1 | - 1 | | | | | | | | 0 | , | | 10 | 0 | 31 | 33 | 20 | 1 | 70 | | | | 一 |
| HERON, Little Blue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HERON, Green | 5 | 1 | 3 | 8 | 11 | | 2 | | | | | 1 | 2 | | 2 | | | 3 | | | | | | | 1 | | | | | |
| NIGHT-HERON, Black-crowned NIGHT-HERON, Yellow-crowned | | | | | 1 | | | | | | \vdash | | 1 | | | | | | | | | | | | | | | | | \vdash |
| VULTURE, Black | 13 | 19 | 16 | 22 | 41 | | 1 | | 1 | 2 | | | - 1 | | | | | 1 | 4 | | | 1 | | | | 9 | | 6 | 2 | 14 |
| Turkey | 64 | 104 | 56 | 96 | 154 | | 9 | 6 | 8 | 5 | | 5 | 5 | 1 | 4 | 1 | | 7 | 12 | 5 | 2 | 35 | 4 | 2 | 1 | 16 | | 7 | 1 | 18 |
| OSPREY | 18 | 31 | 9 | 36 | 14 | | | | | | | | | | | | 1 | | | | 1 | 6 | 4 | | 1 | 3 | | | | |
| EAGLE, Bald adult: 9 imm: 16 | - 8 | 10 | 5 | 17 | 25 | 3 | | | 1 | | \sqcup | | | | | | | | | | | | 15 | 3 | 1 | 7 | | \longmapsto | | 1 |
| HARRIER, Northern HAWK, Sharp-shinned | 3 | 1 | | 1 | 3 | | | | | | \vdash | | 1 | | | 1 | | 1 | | | | | | | | | | \vdash | \dashv | |
| Cooper's | 3 | 1 | | 1 | 2 | | | 1 | | | H | | | | | 1 | | 1 | | 1 | | | | | | | | | \dashv | |
| Accipiter sp. | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red-shouldered | 18 | 8 | 4 | 15 | 33 | | 2 | 3 | 9 | | | | | 1 | 2 | | 1 | 4 | 1 | 1 | | | 1 | | 1 | | | 2 | 1 | 3 |
| Broad-winged Red-tailed | 1 16 | 1 | 1 | 1 6 | 37 | | 5 | - | 2 | 1 | \bowtie | 3 | | | 3 | - | 2 | 1 | 2 | 3 | - | | | | | 3 | | 2 | 3 | 5 |
| KESTREL, American | 16 | 9 | / | - 6 | 37 | | 3 | 1 | 2 | | | 3 | | | | 1 | 2 | 1 | 2 | 5 | 1 | | | | | | | 2 | - 3 | _ 3 |
| MERLIN | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| MOORHEN, Common | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COOT, American | 1.0 | 10 | 1.4 | 2 | - 20 | | 2 | | | _ | | | _ | | | | | | | | | | | | _ | _ | | | | |
| KILLDEER YELLOWLEGS, Greater | 16 | 12 | 14 | 24 cw | 39 | | 3 | | | 2 | \vdash | 1 | 3 | | 3 | | 4 | 1 | 1 | 11 | | | | | 2 | 2 | | 1 | 3 | 2 |
| YELLOWLEGS, Greater | | 1 | - 1 | CW | | | | | | | | | | | | | | | | | | | | | | | | | \dashv | \vdash |
| SANDPIPER, Solitary | 2 | 1 | 4 | 17 | 8 | | | | | | | 1 | | | 1 | | | | | | 1 | 1 | | | | 1 | | 1 | | 2 |
| Spotted | | | 5 | 20 | 8 | | | | | | | | 1 | | | | | 1 | 1 | 3 | 1 | | 1 | | | | | | | Ш |
| Least Pectoral | | 1 | | 3 | 3 | | | | | | \vdash | | | | | | | | | 3 | | | | | | | | | | \vdash |
| WOODCOCK, American | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | \dashv | \vdash |
| GULL, Bonaparte's | | | 3 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ring-billed | 71 | 163 | 67 | 189 | 31 | | | | | | | | | | | | | | | 3 | 9 | 7 | 5 | | | 3 | | | 4 | ш |
| TERN, Caspian PIGEON, Rock | 52 | 4 | 14 | 27 | 28 | | 6 | | | 6 | | 6 | 3 | | | | | | | | 1 | | | | | | | 6 | | \vdash |
| DOVE, Mourning | 121 | 109 | 82 | 213 | 273 | | 17 | 8 | 17 | 10 | | 15 | | 13 | 17 | 4 | 11 | 9 | 13 | 13 | 19 | 10 | 3 | 3 | 5 | 16 | 5 | 17 | 15 | 30 |
| CUCKOO, Yellow-billed | 2 | 2 | 5 | 4 | 19 | | 1 | | | 2 | | | | | | | | 3 | 1 | 3 | | | 1 | 2 | 4 | | | | | 2 |
| OWL, Eastern Screech- | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | \sqcup |
| Great Horned Barred | 12 | 4 | 4 | 2 | | | 1 | | 5 | 2 | 2 | | | 1 | | | | | | | | 1 | | 1 | | 1 | | 1 | | \vdash |
| CHUCK-WILL'S-WIDOW | 12 | 10 | 11 | | | | | | J | 1 | 7 | | | 1 | | | | | | | | 1 | | 1 | | 1 | | 1 | \dashv | \vdash |
| WHIP-POOR-WILL | | 22 | 16 | 1 | | | 2 | | | | 1 | | | | 3 | | | | | | | | | 6 | | | | | 2 | |
| SWIFT, Chimney | 79 | 33 | 10 | 89 | 406 | | 3 | 14 | 17 | 2 | | 12 | 9 | 1 | 13 | 250 | 8 | 5 | 20 | | 4 | 3 | | 3 | 3 | 11 | 2 | 15 | 9 | |
| HUMMINGBIRD, Ruby-throated KINGFISHER, Belted | 25 | 14 | | 9 7 | 48 | | 3 | $\vdash \vdash$ | 4 | 2 | $\vdash \vdash$ | 1 | 2 | 1 | | 1 | | 9 | | 5 | | 1 | 1 | 1 | 2 | 1 | 3 | 1 | 3 | |
| WOODPECKER, Red-headed | 18 | 7 | 10 | 1 | | | | | 1 | 1 | \vdash | 2 | | | 1 | | 1 | 1 | | 4 | | 1 | 1 | 2 | | 6 | | \vdash | 3 | |
| Red-bellied | 79 | 56 | 33 | 62 | 193 | | 8 | 10 | 30 | 11 | | 14 | | 12 | 11 | 1 | 11 | 4 | 8 | 3 | 4 | 12 | 3 | 9 | 7 | 5 | 2 | 7 | 5 | 11 |
| SAPSUCKER, Yellow-bellied | | | | | | | | | , | | Ш | | | | | | | | | | | | | | | | | | | |
| WOODPECKER, Downy Hairy | 40 8 | 11 | 12 | 27 13 | 77 17 | | 4 | 1 | 10 | | $\vdash \vdash$ | 2 | _ | 2 | 6 | 1 | 2 | 8 | 3 | 2 | | | 1 | 2 | 2 | 3 | 2 | $\vdash \vdash$ | 1 | 7 |
| "Yellow-shafted" FLICKER | 15 | 6 8 | 4 | 18 | 16 | | | 5 | 1 | 1 | \vdash | | 1 | | 2 | | 1 | 2 | 1 | | | | 2 | 1 | | 1 | | \vdash | 1 | 3 |
| Pileated | 9 | 7 | 8 | 23 | 22 | | | 5 | | | | 1 | Ť | 2 | Ť | | | 1 | | 2 | | 1 | | | 1 | 2 | 4 | 2 | \neg | 1 |
| WOOD-PEWEE, Eastern | 6 | 1 | 1 | 10 | 59 | | 1 | 4 | 2 | 3 | | 1 | | 1 | 5 | | 4 | | 2 | 5 | | 5 | 1 | 3 | 3 | 7 | | 2 | 7 | 3 |
| FLYCATCHER, Acadian | 4 | 2 | 9 | 13 | 88 | | | 6 | 7 | 9 | \mapsto | 8 | | 4 | | 12 | 1 | 3 | 3 | 17 | | 1 | | 9 | 1 | | 3 | \sqcup | 2 | 2 |
| Empidonax, sp. PHOEBE, Eastern | 27 | 18 | 15 | 25 | 53 | | 3 | 3 | 5 | 2 | $\vdash \vdash$ | 2 | 2 | | 7 | | | 1 | 1 | 2 | | 7 | | - | 5 | 3 | 1 | 1 | 8 | |
| FLYCATCHER, Great Crested | 43 | 31 | 39 | 49 | 108 | | 2 | 7 | 10 | | H | 4 | _ | 9 | 7 | 6 | | 2 | 3 | 4 | 1 | 3 | 3 | 6 | 13 | 2 | 2 | 5 | 6 | |
| KINGBIRD, Eastern | 34 | 35 | 47 | 65 | 52 | | 6 | 4 | | | | 1 | 2 | | 1 | | 2 | 5 | | 1 | | 4 | 3 | 5 | 6 | 6 | | 3 | 3 | |
| VIREO, White-eyed | 25 | 9 | 21 | 14 | | | 3 | 3 | 3 | | Щ | 3 | | | 5 | | | 9 | | 2 | 1 | 7 | | 2 | 1 | | | | 4 | 1 |
| Blue-headed Yellow-throated | 8 | 15 | 15 | 5 11 | 18 | | | 7 | 1 | | $\vdash \vdash$ | | 4 | | 1 | | | 1 | | 6 | | 1 | | 2 | | | 1 | $\vdash \vdash$ | | |
| Warbling | | | 13 | 11 | 18 | | | | 1 | | \vdash | | 4 | | 1 | | | 1 | | 1 | | | | | | | 1 | \vdash | \dashv | |
| Red-eyed | 230 | 146 | 171 | - | 273 | | 11 | 25 | 30 | 23 | | 16 | | 10 | 17 | 4 | | 24 | 5 | 11 | 2 | 36 | 8 | 12 | 10 | 4 | 3 | 5 | 3 | |
| JAY, Blue | 70 | 41 | 38 | 82 | 155 | | 8 | 7 | 12 | 5 | Щ | 2 | | 7 | 10 | 5 | 6 | 5 | 8 | 2 | 1 | 9 | | 11 | 7 | 13 | 3 | 5 | 17 | 3 |
| CROW, American Fish | 141 19 | 133 | 82 33 | 265 18 | 281 75 | | 12 | 22 | 35 2 | 9 | $\vdash \vdash$ | 18 | | 6 | 18 | 20 | 7 | 12 | 4 | 6 3 | 8 | 30 | 3 | 15 4 | 12 | 10 | 2 | 9 6 | 26 | 9 |
| MARTIN, Purple | 34 | 3 | 1 | 27 | 57 | | 1 | | | | \vdash | 0 | | | 1 | 20 | | 1 | 7 | 11 | | 3 | | 2 | | 4 | | U | 2 | |
| SWALLOW, Tree | 53 | 68 | 9 | 31 | 12 | | 2 | | | | | | | | | | | | | | | | 1 | 9 | | | | | Ī | |
| N. Rough-winged | 33 | 28 | 28 | 42 | 48 | | 3 | | 4 | | | 2 | 4 | | | | | 2 | 3 | 8 | | 1 | | | 3 | 1 | | 1 | 2 | 14 |
| Bank | 2 | | | 1 | 1 | | 1 | | | | i l | | | | | | | | | | | | | | | | | | | ш |

| pecies | Dur | FL | KL | JL | | overlap | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 : | 12 13 | 14 | | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|--------------------------------------|------|-------|---------|------|-------|-----------|-----|-----|------|--------|----|-----|----------|--------|-----|----------|----------|----------------|--|-----------------|-----|----------|------|------|--------|-----------|-------------------|-----|
| Cliff | 39 | 8 | 15 | 192 | 12 | | | | | | | | | | | \Box | | \bot | | 12 | | | | | | آلب | ┈ | |
| Barn | 87 | 62 | 21 | | 55 | | 14 | 1 | | | | 1 | | | | | 1 | 6 4 | | 6 | 1 | 1 | 2 | | | | 9 | |
| HICKADEE, Carolina | 163 | 117 | 60 | 183 | 341 | | 9 | 27 | 72 | 12 | | 11 | 13 | 18 | 12 | 15 | 4 | 14 20 | 9 | | 9 | 1 | 18 | 11 | 10 | 6 | 5 | 24 |
| ITMOUSE, Tufted | 150 | 116 | 78 | 183 | 361 | | 11 | 25 | 66 | 11 | | 6 | 17 | 26 | 26 | 8 | 5 | 6 20 | 16 | 1 | 9 | 7 | 16 | 13 | 17 | 4 | 14 | 23 |
| UTHATCH, White-breasted | 11 | 15 | 6 | 8 | 52 | | | | 11 | 3 | | 1 | 1 | 2 | 8 | 4 | 2 | | . 5 | | | | | 3 | 1 | 2 | 1 | |
| Brown-headed | 28 | 57 | 29 | 35 | 78 | | 4 | 2 | 10 | | | 1 | 5 | 9 | 3 | | 1 | 2 | 1 | | | 8 | 5 | 2 | 15 | | 1 | 1 |
| VREN, Carolina | 236 | 122 | 98 | 228 | 585 | | 26 | 24 | 84 | 16 | | 34 | 41 | 31 | 51 | 12 | 8 | 49 34 | 13 | | 6 | | 22 | 30 | | 4 | 19 | 10 |
| House | 15 | 1 | 2 | 10 | 61 | | | | 23 | 1 | | 1 | 3 | | 5 | 3 | | 9 5 | | | _ | | 2 | - | | | | 3 |
| SNATCATCHER, Blue-gray | 215 | 102 | 138 | 129 | 359 | | 13 | 18 | 47 | 14 | - | 12 | 10 | 26 | 25 | 6 | 7 | 31 9 | | 4 | 22 | 5 | 18 | 19 | 32 | 4 | \rightarrow | 9 |
| | 213 | | 136 | 129 | | | 13 | 10 | 47 | 14 | | 12 | 10 | 20 | 23 | U | / | | 21 | 4 | 22 | 3 | 10 | 19 | | | \longrightarrow | 9 |
| INGLET, Ruby-crowned | -7 | 3 | 5 | - 3 | 3 | | | | | | | | | | | | | 1 | <u> </u> | | | | | | 1 | 1 | | |
| LUEBIRD, Eastern | 178 | 96 | 90 | 121 | 247 | | 29 | 33 | 14 | 6 | | 7 | 14 | 4 | 12 | 4 | 2 | 6 12 | | 4 | 8 | 3 | 3 | 12 | 19 | 2 | 15 | 9 |
| EERY | | | 1 | 2 | 5 | | | 1 | | | | | | | | | | 1 | 2 | | | | | | | | | |
| HRUSH, Gray-cheeked | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| HRUSH, Swainson's | 3 | 1 | 1 | 5 | 9 | | | | 4 | | | | | 2 | | | | | 1 | | | | 2 | | | | - | |
| Hermit | _ | 1 | | _ | 1 | | | | | | | | | _ | | | | _ | | | | | 1 | | | -1 | -+ | |
| Wood | 38 | 36 | 50 | 51 | 117 | | 1 | 8 | 9 | 4 | - | 1 | | 4 | 3 | 10 | 1 | 1 5 | 14 | | | 1 | 11 | 4 | 1 | 3 | 10 | 17 |
| | | | | | | | • | | | | | | 1.5 | 4 | | _ | | | | 1.0 | | 1 | 11 | | | | | |
| OBIN, American | 83 | 31 | 14 | | 287 | | 11 | 6 | 21 | 2 | | 9 | | 1 | 35 | 6 | 40 | 9 22 | _ | 10 | | | | 1 | | 1 | 9 | 15 |
| CATBIRD, Gray | 60 | 23 | 6 | 28 | 119 | | | 3 | 32 | 2 | | 4 | 12 | 1 | 5 | 3 | | 14 10 | | | 2 | | 2 | 6 | | | | 3 |
| OCKINGBIRD, Northern | 67 | 34 | 40 | 75 | 219 | | 13 | 14 | 13 | 4 | 1 | 10 | 28 | 2 | 15 | 3 | 7 | 5 11 | . 3 | 4 | 5 | | 1 | 5 | 17 | ı | 21 | 17 |
| HRASHER, Brown | 18 | 11 | 22 | 71 | 86 | | 3 | 4 | 7 | 4 | | 1 | 2 | | 4 | 2 | 2 | 5 4 | - 2 | | 2 | | | 5 | 4 | 1 | 4 | 4 |
| TARLING, European | 154 | 63 | 54 | 109 | 187 | | 8 | 6 | 5 | 7 | | 11 | 24 | | 2 | | | 13 25 | | | 1 | | | _ | 25 | | - | 20 |
| /AXWING, Cedar | 55 | 32 | 71 | | 115 | | 19 | 0 | 26 | 11 | - | 6 | 24 | | | - | 17 | 2 7 | _ | 0 | - 1 | | | 7 | 23 | - | \rightarrow | |
| | | | /1 | 1/0 | 113 | | 19 | | 20 | 11 | | 0 | | | | | 1 / | 2 1 | | | | | | / | | - | \longrightarrow | |
| ARBLER, Blue-winged | 2 | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Tennessee | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nashville | | | | | | | | | | | | | | | | | | | | | | | | | | ı | | |
| N. Parula | 29 | 27 | 12 | 46 | 90 | | - 1 | 13 | 2 | 8 | | 9 | 3 | 5 | | 3 | 2 | 3 11 | 9 | | 10 | | 3 | | | 3 | | 5 |
| Yellow | 6 | 5 | | 13 | 8 | | 1 | | | - | - | 1 | _ | _ | | | 1 | 1 | 3 | | | | - | | 1 | \vdash | \rightarrow | |
| | | | | | | | 1 | | - | | - | 1 | | | _ | | 1 | - | 3 | | | | _ | | 1 | \vdash | \longrightarrow | |
| Chestnut-sided | 1 | 1 | igsqcut | 9 | 6 | | | | 1 | | | | ш | | 2 | | _ | 1 | <u> </u> | | | ш | 2 | | Ш | igwdown | | |
| Magnolia | 1 | 2 | | 2 | 7 | | | 1 | | 1 | | | 2 | 1 | | | L | 1 | <u>L</u> | | | | | L | | اا | | |
| Cape May | | | | | 2 | | | | | 2 | | | | | | | | | | | | | | | | ₁╗ | | |
| Black-throated Blue | 26 | 21 | 9 | 22 | 87 | | 1 | 17 | 17 | 14 | | 5 | 1 | 4 | 2 | 3 | T | 3 | 6 | | | | 4 | 1 | | 4 | \rightarrow | 4 |
| Yellow-rumped (Myrtle) | 285 | 201 | 321 | 228 | 83 | | 7 | 1 | 19 | 13 | - | - | 2 | 10 | 3 | 5 | - | | Ŭ | 2 | | 1 | | _ | 12 | 2 | + | 5 |
| | | _ | 321 | 220 | | | , | 1 | 17 | 13 | | | | 10 | 3 | 3 | 1 | | + | | | - 1 | | | 12 | | \longrightarrow | |
| Black-throated Green | 3 | 4 | | | 1 | | | | | | | | | | | | 1 | _ | | | | | | | _ | \vdash | | |
| Yellow-throated | 11 | 10 | 36 | 27 | 26 | | | | 1 | | | 1 | 5 | | | | | 1 | | | | 1 | 3 | | 3 | | | 3 |
| Pine | 90 | 136 | 111 | 172 | 201 | | 3 | 10 | 11 | 16 | | 10 | 7 | 5 | 6 | | 2 | 8 4 | 5 | | 16 | 2 | 29 | 17 | 17 | 2 | 8 | 19 |
| Prairie | 29 | 33 | 53 | 18 | 32 | | 1 | 4 | 1 | 6 | | 1 | 1 | | 4 | | | 1 | 2 | | 1 | | 8 | | 2 | | | |
| Palm | 6 | 7 | 1 | 1 | 1 | | | | | 1 | _ | | | | | | | | † | | | | | | | | - | |
| Blackpoll | - 0 | | | 9 | - | | | | | - 1 | - | | | | | | | _ | 1 | | | | | | | - | \rightarrow | |
| • | | | | | | | | | | | | | | | | | | | <u> </u> | | | | | | | | | |
| Black-and-white | 35 | 17 | 8 | 17 | 18 | | 1 | 1 | | | | | | | | | | 2 | 1 | 1 | | | 4 | 2 | | 1 | | 4 |
| EDSTART, American | 8 | 1 | 3 | 32 | 35 | | | | 2 | 1 | | 3 | | 2 | 1 | | | 6 | 1 | | | | 4 | 10 | 4 | | | |
| VARBLER, Prothonotary | 30 | 4 | 25 | 25 | 53 | | | | | | | 4 | 5 | 2 | | | | 6 | 10 | | | 9 | 7 | 2 | 5 | | | 3 |
| Worm-eating | 1 | 1 | 1 | 2 | 3 | | | 1 | | 1 | | | | _ | | | | _ | 1 | | | | | | | -1 | -+ | |
| | _ | _ | 02 | 70 | 141 | | _ | 12 | 10 | 11 | - | - 4 | 4 | 9 | 3 | | | 3 2 | 20 | | _ | 2 | 10 | 7 | 0 | _ | | 10 |
| OVENBIRD | 47 | 75 | 82 | 78 | 141 | | 5 | 13 | 12 | 11 | | 4 | 4 | 9 | 3 | | | 3 ₄ | 20 | | 2 | 2 | 12 | / | 8 | 3 | 3 | 10 |
| VATERTHRUSH, Northern | 4 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Louisiana | 3 | | 1 | | 7 | | 1 | 3 | | 1 | | 1 | | | | | | | | | | | | | | 1 | | |
| VARBLER, Kentucky | 3 | | | 2 | 8 | | | 2 | | 1 | | | | | | | | 1 | 4 | | | | | | | | | |
| ELLOWTHROAT, Common | 128 | 22 | 56 | 56 | 101 | | 5 | 5 | 8 | 5 | | 1 | 8 | 3 | 8 | 1 | | 20 1 | 3 | 2 | 6 | 1 | 8 | 8 | 5 | | - | 3 |
| VARBLER, Hooded | 4 | 20 | 90 | 17 | 50 | | | 5 | 7 | 5 | - | 4 | - | | 1 | 1 | | 20 2 | _ | | 4 | _ | 2 | 1 | 2 | 1 | \rightarrow | 3 |
| | 4 | 20 | 0 | 1 / | 30 | | | 3 | / | 3 | | 4 | | | 1 | 1 | | | . 9 | | 4 | | | 1 | | 1 | | |
| Wilson's | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Canada | 1 | | | | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | |
| HAT, Yellow-breasted | 57 | 15 | 51 | 30 | 41 | | 3 | 5 | | 3 | | 1 | | | 4 | | | 8 | 2 | | | | 9 | | 6 | | | |
| ANAGER, Summer | 28 | 36 | 69 | 58 | 143 | | 5 | 11 | 3 | 10 | | 5 | 5 | 1 | 7 | 2 | | 13 7 | | | 7 | 2 | 13 | 14 | | 5 | 4 | 4 |
| Scarlet Scarlet | 7 | 12 | 15 | | 73 | | 3 | 9 | 8 | 7 | - | 2 | | 3 | | | 1 | _ | | | 1 | 3 | 10 | 17 | 13 | 4 | 4 | |
| | | | | 28 | | | | | | | | | | | | | 1 | 1 4 | | | 1 | 3 | | _ | | 4 | | 2 |
| OWHEE, Eastern | 86 | 56 | 35 | 120 | 291 | | 3 | 11 | 49 | 6 | | 10 | 25 | 4 | 36 | 5 | 12 | 23 12 | 4 | 2 | 9 | 1 | 9 | 8 | | | 11 | 33 |
| PARROW, Chipping | 84 | 51 | 117 | 137 | 195 | | 9 | 14 | 29 | 8 | | 1 | 7 | 3 | 13 | 6 | 6 | 3 5 | i | 4 | 5 | 1 | | 37 | 17 | 2 | 8 | 3 |
| Field | 51 | 3 | 44 | 19 | 20 | | 1 | 1 | | 3 | | 1 | | | | | | 2 | | | | | 5 | | 3 | | 2 | 2 |
| Savannah | 7 | | 5 | 2 | 4 | | 3 | | | | | 1 | | | | | | | | | | | | | | | | |
| Grasshopper | 3 | | 6 | | 1 | | 1 | | | | _ | | | | | | | | † | | | | | | | | - | |
| | | 2 | 1 | 1.5 | 57 | | • | | 7 | 1 | - | - | 11 | 1 | 1.5 | - | | 2 1 | 1 | | | | | | | | -+ | 3 |
| Song | 15 | 2 | 1 | 15 | | | | | / | | | 6 | 11 | | 15 | 5 | | | - | | | | | | | \vdash | | |
| Swamp | 67 | 1 | 5 | | 4 | | | | | | | | | | | | | 2 | | | | | 2 | | | \square | | |
| White-throated | 159 | 37 | 116 | 29 | 37 | | | 4 | 5 | | | 2 | 1 | | 1 | 5 | 4 | 7 2 | 1 | | 1 | | 2 | | | | | |
| White-crowned | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARDINAL, Northern | 352 | 204 | 121 | 326 | 846 | | 28 | 30 | 160 | 16 | 2 | 27 | 39 | 43 | 59 | | 50 | 33 36 | 26 | 9 | 36 | 1 | 14 | 60 | 27 | 5 | 36 | 52 |
| ROSBEAK, Rose-breasted | 552 | 20. | 121 | 020 | 8 | | | 50 | 100 | | | | | | | | - | 1 | 1 -0 | | | - | 1 | - 00 | | 6 | | |
| | 1.4 | 12 | 1.0 | | | | | _ | -,1 | | | _ | \vdash | | _ | -+ | | 7 | + | $\vdash \vdash$ | _ | \vdash | - | - | | 0 | \longrightarrow | |
| Blue | 14 | 12 | 18 | 52 | 28 | | 6 | 3 | 1 | 1 | | | ш | | 2 | | _ | 2 | | | 1 | | 6 | 2 | | لـــــــا | | 1 |
| UNTING, Indigo | 163 | 58 | 110 | 128 | 198 | | 26 | 14 | 2 | 7 | | 8 | 8 | 3 | 17 | | 2 | 32 4 | 3 | 3 | 13 | 1 | 23 | 7 | 24 | I | 1 | 1 |
| OBOLINK | | | | 104 | 5 | | 5 | | | \neg | T | | | \neg | T | T | | | | | | | | | | ı T | T | |
| LACKBIRD, Red-winged | 46 | 11 | 17 | 74 | 91 | | 16 | 2 | | - 1 | | 1 | 14 | - 1 | 4 | \dashv | 13 | 2 | 2 | | 14 | 5 | 2 | 6 | 1 | \dashv | 8 | 1 |
| EADOWLARK, Eastern | 17 | 6 | 16 | 18 | 33 | | 17 | - | 2 | | | | | | - | | | - | 1 - | 1 | | | _ | 7 | - | \vdash | 1 | - 1 |
| | | | | | | | | 2 | | -, | | 1.7 | 10 | | | -+ | 25 | 10 2 | + | 1 | 22 | _ | - | , | 10 | \vdash | - | 10 |
| RACKLE, Common | 140 | 107 | 76 | | 323 | | 26 | 8 | 5 | 4 | | 17 | | 5 | 11 | | 25 | 18 20 | | - | 22 | 3 | 6 | 14 | | لـــــــا | 5 | 10 |
| OWBIRD, Brown-headed | 100 | 68 | 36 | 123 | 164 | | 8 | 5 | 12 | 9 | | 5 | 9 | 3 | 11 | 2 | | 7 5 | | 3 | 17 | L l | 8 | 9 | 11 | 1 | 3 | 8 |
| RIOLE, Orchard | 30 | 5 | 21 | 27 | 23 | | 7 | | | | | 1 | | | | | | 1 | 2 | | | 3 | 5 | 1 | 1 | , — | | |
| Baltimore | | H | 2 | 1 | 7 | | - | 1 | | 1 | | 1 | H | | | -t | \dashv | 2 1 | | H | - | H | Ť | | H | \vdash | 1 | |
| | 4.4 | - 2.4 | | | | | 2 | 1 4 | 10 | 1 4 | | | 20 | | 10 | - | 0 | | | H | | H | | _ | 10 | - | - | |
| NCH, House | 44 | 24 | 15 | 45 | 202 | | 3 | 14 | 12 | 14 | | 11 | | | 10 | 5 | 9 | 6 12 | _ | ليط | -,. | ايسا | ايسا | 2 | | إيسا | 5 | 3 |
| OLDFINCH, American | 238 | 200 | 105 | 195 | 471 | | 14 | 33 | 81 | 9 | | 18 | 19 | 3 | 33 | 2 | 3 | 36 35 | 5 | | 43 | 7 | 7 | 13 | 17 | 9 | 12 | 27 |
| PARROW, House | 35 | 22 | 3 | 24 | 98 | | 1 | | 2 | 10 | | 4 | 17 | T | 5 | 25 | T | 5 | 1 | 2 | | | | | | ıT | T | 17 |
| | | | | | | | | | | | | | | | | | | | 1 | | | | | | \Box | \dashv | \dashv | |
| | 119 | 112 | 118 | 126 | 125 | | 74 | 69 | 71 | 68 | 5 | 75 | 65 | 47 | 66 | 39 | 46 | 86 6: | 5 80 | 40 | 57 | 47 | 72 | 64 | 71 | 38 | 50 | 67 |
| TAL SPECIES 146 II | | 112 | 118 | 120 | 123 | 1 | 74 | 09 | / 1 | 00 | 3 | 13 | 0.0 | 4/ | 00 | 27 | 40 | 00 0. | 00 | 40 | 31 | 4/ | 1.2 | 04 | / 1 | | 20 | 0/ |
| OTAL SPECIES 146 OTAL INDIVIDUALS | 6371 | 4083 | 3852 | 7024 | 11384 | 106 | 511 | 578 | 1147 | 414 | 13 | 462 | 590 | 340 | 703 | 453 | 324 5 | 94 483 | 465 | 169 | 543 | 277 | 539 | 470 | 650 | 110 | 360 | 528 |

2006 SPRING BIRD COUNT TOTALS

| | 4/30 | 5/1 | 5/2 | 5/7 | 5/6 | | | | | | | | | | _ (| Chape | l Hill | Obse | rver l | Party | Numb | er — | - | | | | | | | |
|-------------------------|------|-------|-------|------|--------|---------|------|------|------|------|------|------|------|------|------|-------|--------|------|--------|-------|------|------|------|------|------|------|------|------|------|------|
| Species | Dur | FL | KL | JL | CH | overlap | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| Start | 545 | | | | 500 | | 600 | 600 | 615 | 530 | 2030 | 630 | 600 | 630 | 500 | 900 | 630 | 630 | 730 | 615 | 715 | 630 | 740 | 530 | 600 | 520 | 630 | 520 | 630 | 545 |
| End | 1717 | | | | 2300 | | 1130 | 2030 | 1600 | 1330 | 2300 | 1430 | 1530 | 1200 | 2015 | 1700 | 1130 | 1530 | 1500 | 1115 | 1115 | 1200 | 1300 | 1300 | 1300 | 1215 | 1730 | 1655 | 1430 | 1630 |
| Party Hours: Total | 69.8 | 77.25 | 42.75 | 118 | 151.3 | | 5.5 | 7.5 | 9 | 6.5 | 0 | 7.5 | 9.5 | 4.5 | 9.5 | 6 | 5 | 7 | 7.5 | 3 | 4 | 5.5 | 5.3 | 7 | 8 | 6.5 | 1.5 | 6.5 | 8 | 11 |
| Party Hours: On Foot | | | | | 116.75 | | 4.5 | 7.5 | 7 | 6 | U | 5.5 | 3.3 | 4.5 | 9.5 | 6 | 5 | 6.5 | 4.5 | 2 | 3 | 3.3 | 3.3 | 6.5 | 8 | 5.5 | 1.5 | 5.75 | - | 11 |
| Party Hours: By Car | 7 | | | | | | 4.5 | 1 | 2 | 0.5 | | | 6.5 | 4.5 | 0.5 | U | 3 | 0.5 | 4.3 | 3 | | 1.5 | | 0.5 | 0 | 3.3 | 1.5 | 0.75 | 6 | 11 |
| • | , | 12.3 | 5.5 | 0.5 | | | 1 | 1.5 | 2 | 0.5 | | 2 | 0.5 | | 0.5 | | | 0.5 | 3 | | 1 | 1.5 | | 0.5 | | 1 | | 0.73 | U | |
| Party Hours: By Bicycle | | | | | | | | 1.5 | | | | | | | | | | | | | | | | | | | | | | |
| Party Hours: By Boat | | | | 5 | 5.3 | | | | | | | | | | | | | | | | | | 5.3 | | | | | | | |
| Party Miles: Total | 149 | 129.5 | 85 | 247 | 357 | | 23.5 | 11 | 30 | 8 | 0 | 41 | 51 | 4 | 11 | 4 | 5 | 10 | 24.5 | 6 | 12 | 17 | 5.5 | 8 | 4 | 12 | 0.25 | 18.8 | 47 | 5 |
| Party Miles: On Foot | 53.5 | 57.5 | 23 | 54.8 | 93 | | 1.5 | 2 | 6 | 4 | | 5.5 | 2 | 4 | 8.5 | 4 | 5 | 5 | 3.5 | 6 | 2 | 2 | | 7 | 4 | 2 | 0.25 | 7.75 | 6 | 5 |
| Party Miles: By Car | 95 | 72 | 62 | 182 | 252 | | 22 | 2 | 24 | 4 | | 35 | 49 | | 2 | | | 5 | 21 | | 10 | 15 | | 1 | | 10 | | 11 | 41 | |
| Party Miles: By Bicycle | | | | 5 | 6.5 | | | 6.5 | | | | | | | | | | | | | | | | | | | | | | |
| Party Miles: By Boat | | | | 4.5 | 5.5 | | | | | | | | | | | | | | | | | | 5.5 | | | | | | | |
| Owling Hours | 0.85 | | 1.75 | 3.5 | 5.75 | | 0.5 | | | 0.5 | 2 | | | | | | | | | | | | | 0.5 | | 0.5 | | 0.25 | | 0.5 |
| • | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Owling Miles | 0 | | 12 | 3.5 | 12 | | 0 | | | 0 | 10 | | | | 1 | | | | | | | | | 0.5 | | 0 | | 0 | | 0.5 |
| Feeder Hours | 0.5 | | | | 36 | | | | | | | | | 1 | | | | | | | | | | | | | | | | 35 |

| Party Areas | Party Members | Party Areas | Party Members |
|-------------|--|--------------|---|
| 1 1,4 | Derb Carter | 13 21 | Harriet Sato, Rachel Harden |
| 2 2,7 | Pam Timmons, Perry Haaland | 14 22N | Brian Bockhahn |
| 3 8,13 | Tom & Barbara Driscoll, Colyer Durovich | 15 22S | Anson Cooke, Dwayne Cooke |
| 4 9,10 | Norm Budnitz | 16 23, 25 | Amalie Tuffin |
| 5 Various | Jacob Socolar | 17 24-kayak | Ginger Travis |
| 6 11,12 | Kent Fiala | 18 24N-south | Doug Shadwick |
| 7 14,17 | Betty King, Judy Teague, Barbara Roth | 19 24N-north | Judy Murray |
| 8 14,15 (p | part) Mike & Lois Schultz | 20 24S | Alan Johnston, Edith Tatum |
| 9 15,18 | Bob Chase | 21 25-yard | Shelley Theye |
| 10 16 | Alan Kneidel | 22 26 | Jane Brinkley |
| 11 19 | Carol Williamson | 23 27, 28 | Marsha Stephens |
| 12 20 | Will Cook, Lisa Merschel, Steve Quinley, | 24 32 | Amy & Kim Aycrigg, Sam Baron, Maurice & Steven Graves, Dave Murdock, Becky Rosser |
| | John Kim, Gervasio Piñeiro, | | Feeders: Fred & Eleanor Kilgour, Jim & Alice Lash, Candace Owens, |
| | Michael Szpir, Martine Nehrig | | Harry & Carolina Pederson, Barbara Roth, Elvin Strowd |

Dur=Durham count 4/30/06 FL=Falls Lake count 5/1/06
Chapel Hill weather: low 60, high 81; no rain; wind NW 5-10 mph; partly cloudy-clear.
Jordan Lake: low 53, high 63; wind 0-10 mph; overcast; intermittent showers, some heavy
Falls Lake: low 52, high 67; wind 0-5 mph; cloudy-partly cloudy; no precip

 $CH = Chapel\ Hill\ count\ 5/6/06 \qquad JL = Jordan\ Lake\ count\ 5/7/06$

KL = Kerr Lake count 5/2/06

Durham: low 38, high 67; wind NE 5-15 mph; mostly cloudy; no precip Kerr Lake: low 42, high 77; wind 0-12 mph; partly cloudy; no precip







