



**INDIANA AUDUBON QUARTERLY  
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Cover photo: Indiana's long-awaited state 1<sup>st</sup> Neotropic Cormorant, 18 June, Goose Pond FWA, *Greene*. Photo by Michael Brown

Back cover photo: Western Wood-pewee, 10 July at Hoosier Prairie SNP, *Lake*. This remarkable 2<sup>nd</sup> state record was located 5 July by Marshall Iliff. This vagabond continued to sing well into August, thrilling Indiana birders. Photo by J.C. Kendall

**CLASSES OF MEMBERSHIP IN THE INDIANA AUDUBON SOCIETY**

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John Kendall

## Letter from the Editor

Like many others, I attended the top notch IAS Fall meeting dinner in early October. Watching Amy Wilms pass the President's gavel to Brad Bumgardner caught me off guard. Only then did I realize how quickly the year had passed! The Editors' team at IAQ would like to offer a huge thank-you to Amy Wilms. Many, but perhaps not all members are aware of the many accomplishments that came from Amy's strong and exemplary leadership as our President. Adversity revealed this as she overcame and surpassed serious obstacles along the way including a financial threat to our existence and a formerly declining membership, among others. After years of such

decline, our membership reversed course and has begun to climb once again! Please join me in thanking her in any way you can! Not all is lost, however--Amy will still be part of IAS' leadership team and will undoubtedly continue to impact our organization for years to come.

Speaking of examples, Indiana nature lovers and birders alike enjoyed native Hoosier Kenn Kaufman's presentation at the dinner as he delivered with a fun and entertaining wit. Hoosier Auduboners were impressed with the charitable efforts and stewardship that Ken and wife, Kimberly have taken on. Veritable neighbors, in nearby Oak Harbor, Ohio, this duo is committed to public education of natural history; organizing, leading field and classroom birding activities through various organizations such as local young birders programs. It was enlightening to hear Kenn stress that "there really is no choice but to broaden and educate when you think about the future of the environment". My personal take-away was a mantra-like "note to self: "if you like birds, and want them to sustain, pass it on--show a bird to someone".

Kudos to Amy and Brad for organizing the dinner and to Kenn and Kimberly! It was quite a treat to see each of these leaders using their very different talents to impact the future. By night's end, the Kaufman's had donated their honorarium and IAS members responded to their challenge by raising a combined \$1100 for Hoosier Young Birders!



Kimberly and  
Kenn Kaufman  
With Hoosier  
Young Birders

At IAS dinner

## Field Notes - 2011 Summer Field Note Summary

David Ayer- Lincoln City, In [dayerd@yahoo.com](mailto:dayerd@yahoo.com)

Indiana was blessed with a number of rarities during the summer of 2011. The highlight was Indiana's first ever record for Neotropical Cormorant. There were also second state records for Green Violet-ear and Western Wood-pewee. Other species of note include Black-bellied Whistling Duck, Swallow-tailed Kite, Hudsonian Godwit, Curlew Sandpiper, and Scissor-tailed Flycatcher along with a Red-necked Phalarope and, for the second consecutive year; a territorial Clay-colored Sparrow on territory in Northeastern Indiana.

Breeding species remain in a state of flux; Mississippi Kites, Black-necked Stilts and Fish Crows continued to expand their breeding range in Indiana, while Common Moorhens, King Rails and Least Bitterns seem to be finding adequate habitat in a fashion similar (DNR conservation efforts) to that of the Barn Owl. Multiple reports, including breeding records for Ruffed Grouse and Loggerhead Shrike, offer hope for those species. The same cannot be said for the future of Upland Sandpiper and Northern Bobwhite (esp. north of I-70), where a workable solution to their plight does not seem within reach. Meanwhile, the American White Pelican saga continues to unfold.

Summer as a whole was both drier and hotter than normal, depressing wader populations, particularly in the southern section of the state. June was only slightly warmer than normal. July turned out to be a scorcher, especially in the south where temps approached 100 degrees on several occasions.

### Abbreviations:

FWA = Fish & Wildlife Area    NWR = National Wildlife Refuge

SP = State Park            SRA = State Recreation Area

GBHA = Game Bird Habitat Area    TNC = The Nature Conservancy

IBA = National Audubon Important Bird Area

SNP= State Nature Preserve

### SPECIES ACCOUNTS

**Black-bellied Whistling Duck** 2 individuals were observed at Wolf Lake, *Lake*, on 7/29(Dan Arendas).

**Mute Swan** 5 were observed at Goose Pond, *Greene*, on 6/2(Brad Feaster).

**American Wigeon** 2 were located at Miller Beach, *Lake*, on 7/23(Ken Brock).

**Northern Shoveler** 2 individuals were observed on Lake Gibson, *Gibson*, on 6/3(Charles Mills). 2 individuals observed at Cane Ridge, *Gibson*, on 6/11(Vern Wilkins). 7 individuals reported from Goose Pond, *Greene*, on 7/7(Don Whitehead).

**Green-winged Teal** A single female was observed at Goose Pond, *Greene*, on 7/1(Lee Sterrenburg). 2 observed near Montezuma, *Parke*, on 7/2(Alan Bruner). 5 individuals observed at Chase St. wetland, *Porter* on 7/9(Ken Brock). 4 observed in North Liberty,

*St. Joseph*, on 7/11(Bob Huguenard). 2 observed in Newton county on 7/19(Jed Hertz). 1 observed in Newton county on 7/22(Jed Hertz). Single individual observed at Loblolly Marsh, *Jay*, on 7/23(Jim Haw). Single individual reported from Goose Pond, *Greene*, on 7/24(Lee Sterrenburg). Single individual observed at Eagle Marsh, *Allen*, on 7/31(Jim Haw).

**Ring-necked Duck** Single individual observed on Lake Gibson, *Gibson*, on 6/3(Charles Mills).

**Greater Scaup** Pair observed at Cane Ridge, *Gibson*, on 6/21(Chuck Mills). Single individual still present on 7/29(Lee Sterrenburg).

**Redhead** Single individual observed on Lake Gibson, *Gibson*, on 6/3(Charles Mills). Single individual observed at Cane Ridge, *Gibson*, on 6/17(Dave Crouch). Single individual observed at Cane Ridge, *Gibson*, on 6/21 and 7/6(Chuck Mills).

**Common Merganser** Single individual observed at Cane Ridge, *Gibson*, on 6/21 and 7/5(Chuck Mills). 1 reported from Lake Gibson on 7/6(John Castrale).

**Red-breasted Merganser** Two individuals reported from Hammond Lakefront, *Porter*, on 6/3(Michael Topp). Single individual reported from Lamb Lake, *Johnson*, on 6/6(Tom Hougham).

**Hooded Merganser** 11 including 10 young observed at Prophetstown SP, *Tippecanoe*, 6/1(Russell Allison). 4 including 3 young reported from Eel River, *Cass*, on 6/9(Andrea Neumann). 35 observed in Vigo county on 7/5(Jim Sullivan).

**Ruddy Duck** Single individual observed at Cane Ridge, *Gibson*, on 6/11(Vern Wilkins) and again on 6/14(Amy Kearns). Single individual observed at Cane Ridge, *Gibson*, on 6/21(Chuck Mills).

**Ruffed Grouse** 2 individuals hear drumming in Hemlock Cliffs region of Hoosier NF, *Crawford*, on 6/7(Noah Kearns). 2 observed near Terrill Cemetery, *Brown*, on 7/14(Lee Sterrenburg). 1 observed in Hoosier NF, *Lawrence*, on 7/14(Noah Kerns). 4 including 3 chicks observed in Hoosier NF, *Lawrence*, on 7/25(Noah Kerns).



**Northern Bobwhite** 32 observed at Goose Pond, *Greene*, on 7/26(Lee Sterrenburg).

Northern Bobwhite  
*Vigo County*

**Photo by Jim Sullivan**

**Common Loon** Single individual observed in Evansville, *Vanderburg*, on 6/16(Dan Collins).

**Pied-billed Grebe** 8 including 6 young observed at Goose Pond, *Greene* on 6/15(Brad Feaster).

**Eared Grebe** Single individual observed at Cane Ridge, *Gibson*, on 6/21(Chuck Mills).

**Horned Grebe** Single bird reported from Gibson county of 6/14(Amy Kearns).

**American White Pelican** 17 observed at Goose Pond, *Greene*, on 6/2(Brad Feaster) and were still present on 6/5(Lee Sterrenburg). 4 observed at Cane Ridge, *Gibson*, on 6/30(Jeremy Ross). 3 observed at Eagle Marsh, *Allen*, on 7/3 and 7/4(Roger Rang) and 7/5(Ed Powers) and 7/6(Jim Haw) and 7/8(Beverly Richardson). 4 observed at Lake Gibson on 7/6(John Castrale). 13 observed at Wabashiki FWA, *Vigo*, on 7/18(Jenny Bodwell).

**Double-crested Cormorant** 2 adults reported on nest at Highland Marsh, *Lake*, on 6/10(Carolyn Marsh). 40 individuals and 4 active nests reported from Lake Gibson on 7/5(Chuck Mills). 750 observed at Miller Beach, *Lake*, on 7/23(Ken Brock).



Neotropic Cormorant at Goose Pond, *Greene* on 6/18.

**Photo by Michael Brown.**

**Neotropic Cormorant** A single individual was first reported from Goose Pond, *Greene*, on 6/11(Lee Sterrenburg ). It remained until at least 7/11 and was seen by many individuals.

**Least Bittern** Least Bitterns were once again present throughout the period at Goose Pond, *Greene*, and Eagle Marsh, *Allen*. The high count for Goose Pond, *Greene*, came on 7/1 when 8 were reported. (Lee Sterrenburg). The high count for Eagle Marsh, *Allen*, was 2 on 6/16(Jeff Moore). Single individual reported from Willow Slough FWA, *Newton*, on 6/21(Jed Hertz). Single individual flushed from marsh in Lebanon, *Boone*, on 6/2(Roger Hedge). 1 observed at Grant Street Wetland, *Lake*, on 7/2(Ken Brock). Single individual reported from Willow Slough FWA, *Newton*, on 7/2(Jed Hertz). Single individual present at Lebanon business park, *Boone*, 7/7-7/13(Roger Hedge). 1 observed at Pigeon River FWA, *LaGrange*, on 7/14(Jim Haw). 1 reported from Gibson county on 7/20(Vicky Whitaker). 2 observed at Kankakee Sands, *Newton*, on 7/22(Jed Hertz). 2 heard at Cane Ridge, *Gibson*, on 7/29(Lee Sterrenburg).



Least Bittern with crayfish  
9 June Goose Pond, *Greene*

**Photo by Michael Brown**

**American Bittern** 2 observed at Goose Pond, *Greene*, on 6/1(Don Whitehead). 8 reported from Goose Pond, *Greene*, on 6/4(Lee Sterrenburg). Single individual reported from Goose Pond, *Greene*, on 6/13(Jim Hengeveld). Single individual reported from Kankakee Sands, *Newton*, on 7/6, 7/9, 7/12(Robert Hughes, Jed Hertz). 1 reported near Enos, *Newton*, on 7/9(Ed Hopkins). 1 observed at Chase Street Wetland, *Lake*, on 7/26(John Kendall).

**Great Egret** 162 observed in flooded field, *Gibson*, on 6/1(Steve Gifford). 106 observed near Terre Haute, *Vigo*, on 6/23(Marty Jones). 225 observed at Cane Ridge, *Gibson*, on 7/7(Chuck Mills). 104 observed at Chase St. Wetland, *Lake*, on 7/9(Ken Brock). 2 observed in Newton county on 7/12(Jed Hertz). Notably, numbers were low at Goose Pond.

**Snowy Egret** 1 observed at Clay St. Wetland, *Lake*, on 6/1(Ben Hess). 8 observed in flooded field, *Gibson*, on 6/1(Steve Gifford). Single individual observed at Cane Ridge, *Gibson*, on 6/11(Vern Wilkins). Two individuals observed at Goose Pond, *Greene*, on 6/16(Lee Sterrenburg). 2 individuals observed at Chase St. wetland, *Porter* on 7/9(Ken Brock). 1 reported from Goose Pond, *Greene*, on 7/17 and 7/21(Lee Sterrenburg). 2 observed in Newton county on 7/22(Jed Hertz). 3 observed at Chase Street Wetland, *Lake*, on 7/26(John Kendall, Penny Starin). Single individual seen at Cane Ridge, *Gibson*, on 7/29(Lee Sterrenburg).

**Little Blue Heron** 7 observed in flooded field, *Gibson*, on 6/1(Steve Gifford). Single individual observed from Goose Pond, *Greene*, on 6/5(Lee Sterrenburg). Single individual observed at Goose Pond, *Greene*, on 6/16(Lee Sterrenburg). 1 observed in Vigo county on 7/5(Jim Sullivan).

**Cattle Egret** 12 observed near Cane Ridge, *Gibson*, on 6/29(Steve Gifford), 9 in *Vigo*, 25 June (Jim Sullivan). One in *Miami*, 24 June (Steve and Connie Doud). Two were observed at Kankakee Sands, *Newton* 4 June (K.J. Brock, J.C. Cassady et.al.).

**Black-crowned Night-heron** 2 observed at Goose Pond, *Greene*, on 6/1(Don Whitehead). 3 reported from Goose Pond, *Greene*, on 6/13(Lee Sterrenburg). 6 individuals observed at Goose Pond, *Greene*, on 6/16(Lee Sterrenburg). 2 observed in rural Pike county on 6/18(Lori Brumbaugh & Lou Gardella). 10 observed at Goose Pond, *Greene*, on 6/19(Don Gorney). 27 observed at Goose Pond, *Greene*, on 6/24(Marty Jones). 12 individuals observed at Goose Pond, *Greene*, on 7/1(Lee Sterrenburg). 12 observed in Vigo county on 7/5(Jim Sullivan).

**Yellow-crowned Night-heron** Single individual observed near Story, *Brown*, on 7/2(Jim & Susan Hengeveld). 1 observed in Vigo county on 7/5(Jim Sullivan). Single adult reported from Goose Pond, *Greene*, on 7/19(Amy Kearns). 2 individuals reported from Patoka NWR, *Pike*, on 7/30(Lee Sterrenburg).

**Plegadis sp. Ibis** Single individual reported from Patoka NWR, *Gibson*, on 7/31(Vicky Whitaker).

**White-faced Ibis** 1 observed at Goose Pond, *Greene*, on 6/2(Brad Feaster) and again on 6/3(Lee Sterrenburg).

**Black Vulture** Single individual reported from a farm in Putnam county on 6/26(Joe Ashby). Single individual observed near Dogtown, *Vanderburgh*, on 7/2(Heath Hamilton). 60 reported from Spring Mill SP, *Lawrence*, on 7/10(Spike Selig). 53 observed near Paoli, *Orange*, on 7/23(Amy Kearns).

**Osprey** Single adult and small nestlings reported at Pigeon River, *LaGrange*, on 6/2(Jim Haw).

**Swallow-tailed Kite** A large raptor with a fork tail reported along Eel river, *Miami*, on 7/8(Steve Doud).

**Mississippi Kite** Single individual observed near Roselawn, *Newton*, on 6/3(Bill Buskirk). Single individual reported from Willow Slough FWA, *Newton*, on 6/21(Jed Hertz). A pair observed on CR 300 W, *Tippecanoe*, on 7/5 and 7/6(John Skene). Single bird reported from Tippecanoe county on 7/14(Ed Hopkins). Single individual observed at Goose Pond, *Greene*, on 7/23(Vern Wilkins). Pair observed on territory in southern Green County throughout summer (Michael Brown).

2 adults observed in Dugger, *Sullivan*, on 7/16 and were joined by juvenile on 8/6(Michael Brown).

**Bald Eagle** 26 observed near est. Union, *Parke*, on 7/4(Alan Bruner).

**Sharp-shinned Hawk** Single individual observed at Michigan City, *LaPorte*, on 7/26(Ken Brock).

**Broad-winged Hawk** 4 including 3 chicks reported from nest in Orange county on 6/25(Amy Kearns). 2 including 1 flushed off nest observed in Martin county on 6/28(Amy Kearns).

**Peregrine Falcon** Single individual observed at Goose Pond, *Greene*, on 7/15(Ken Brock).

**Sora** 1 reported from Goose Pond, *Greene*, on 6/13(Lee Sterrenburg). 1 observed at marsh in Lebanon, *Boone*, on 7/1(Roger Hedge).



King Rail catching  
crayfish with one of two  
chicks  
Goose Pond, *Greene*  
25 June

**Photo by Michael Brown**

**King Rail** This species seems to be either increasing, or in part, birders are on to its ways

and at getting better at locating it. In addition to the breeding birds at Goose Pond, 2 were heard calling at Tern Bar Slough, *Gibson*, on 6/3(Steve Gifford). 1 reported from Kankakee Sands, *Newton*, on 6/4(Ken Brock). Single individual reported from Willow Slough FWA, *Newton*, on 6/12(Jed Hertz). 1 observed at Honey Creek Bottoms, in Vigo county on 7/5 (ph.Jim Sullivan). Single individual reported from Kankakee Sands, *Newton*, on 7/12 and 7/19(Jed Hertz). Single individual reported from Newton county on 7/22(Jed Hertz). Single individual observed at Eagle Marsh, *Allen*, on 7/31(Jim Haw).

**Virginia Rail** Single individual flushed from marsh in Lebanon, *Boone*, on 6/14(Roger Hedge). 4 reported from Eagle Marsh, *Allen*, on 6/16(Jeff Moore). 3 observed at marsh in Lebanon, *Boone*, on 7/1 and 7/12. (Roger Hedge). One remained until 7/18. 3 individuals observed at Goose Pond, *Greene*, on 7/1(Lee Sterrenburg). 2 heard at Goose Pond, *Greene*, on 7/30(Vern Wilkins). One observed at Eagle Marsh, *Allen*, on 7/31(Jim Haw).

**Common Moorhen** Moorhens were reported from Goose Pond, *Greene*, throughout the period. The high count of 20 came on 6/25 when 11 chicks were observed and 7/24(Lee Sterrenburg). Moorhens were reported from Cane Ridge, *Gibson*, on several occasions. The high count came on 6/1 when 6 were observed (Steve Gifford). The high count for Pigeon River, *LaGrange*, occurred on 7/30 when 4 were observed (Jim Haw). The high count for Grant St. wetland, *Lake*, came on 7/2 when 21 half grown chicks were observed (Ken Brock). The high count for Eagle Marsh came on 7/25 when 12 individuals including 9 young were observed (Jim Haw). The high count for Chase Street wetland, *Lake*, came pm 7/30 when 18 were reported (Ed Hopkins). Single individual reported from Gibson county on 6/18(Vicki Whitaker). 2 reported from Patoka NWR, *Gibson*, on 7/12(Jeremy Ross) and 7/14(Amy Kearns).

**Sandhill Crane** Single individual reported from Goose Pond, *Greene*, 6/15(Dennis Workman & Matt Bredeweg). 2 birds reported near Montmorenci, *Tippecanoe*, on 6/27(Barny Misner).

**American Golden Plover** Single individual reported from Newton county on 6/10(Jed Hertz).

**Semi-palmated Plover** 1 observed at Goose Pond, *Greene*, on 6/1(Don Whitehead). 20 observed in Daviess County on 6/1(Lou Gardella). A "few" hundred observed in Pike County on 6/1(Lou Gardella). 2 individuals observed at Kankakee Sands, *Newton*, on 6/1(Andrea Nuemann). 3 observed at Lake Lemon, *Monroe*, on 6/2(Jim Hengeveld). 1 reported from Kankakee Sands, *Newton*, on 6/4(Ken Brock). Single individual reported from Eagle Marsh, *Allen*, on 6/30(Jim Haw). 2 individuals reported from Newton county on 6/10(Jed Hertz). 3 observed at Goose Pond, *Greene*, on 6/11(Jim Hengeveld). Single individual reported from Goose Pond, *Greene*, on 6/13(Jim Hengeveld). Single individual reported from Eagle Marsh, *Allen*, on 7/10(Jim Haw).

**Black-necked Stilt** 25 observed at Goose Pond, *Greene*, on 6/1(Don Whitehead). 1 observed in Daviess County on 6/1(Lou Gardella). 2 observed near Clinton, *Parke*, on 6/26(Alan Bruner). 130 including chicks observed around Lake Gibson, *Gibson*, on 6/3(Chuck Mills).

**American Avocet** Two individuals observed at Miller Beach, *Lake*, on 7/29(Penny Starin). 4 observed at Pine Creek GBH, *Benton*, on 7/30(Ed Hopkins). Single individual observed at Miller Beach, *Lake*, on 7/31(Jeff McCoy).

**Greater Yellowlegs** Single individual reported from Goose Pond, *Greene*, on 6/3(Amy Kearns). 3 reported from Kankakee Sands, *Newton*, on 7/6(Ed Hopkins). 4 individuals reported from Kankakee Sands, *Newton*, on 7/9(Jed Hertz). Single individual heard at LaSalle FWA, *Newton*, on 7/10(Jed Hertz). 7 observed near Bowman, *Pike*, on 7/14(Amy Kearns). 2 observed in Dillon bottoms, *Pike*, on 7/14(Amy Kearns).

**Lesser Yellowlegs** Single individual reported from Newton county on 6/10(Jed Hertz). Single individual reported from Goose Pond, *Greene*, on 6/13 and 6/16(Jim Hengeveld). Single individual observed at Goose Pond, *Greene*, on 6/18(Lee Sterrenburg). Single

individual observed at Goose Pond, *Greene*, on 6/19(Don Gorney). 78 individuals reported from Goose Pond, *Greene*, on 7/24(Lee Sterrenburg).

**Willet** 35 observed at Michigan City, *LaPorte*, on 7/2(Ken Brock).

**Upland Sandpiper** 1 individual observed at Kankakee Sands, *Newton*, on 6/1(Andrea Neumann). 2 reported from Kankakee Sands, *Newton*, on 6/4(Ken Brock). 3 observed at Mt. Comfort airport, *Hancock*, on 6/5(Janet Creamer). Single individual reported from Newton county on 6/10(Jed Hertz). 2 individuals reported near Wolcott, *White*, on 6/27(Diane Packett). Single individual observed at Kankakee Sands, *Newton*, on 7/6(Jed Hertz). Single individual observed near Anoka, *Cass*, on 7/25(Landon Neumann).

**Whimbrel** 2 observed at Miller Beach, *Porter* on 7/9(Jeff McCoy). 2 observed at Miller Beach, *Lake*, on 7/29(Michael Topp).

**Marbled Godwit** 5 observed at Michigan City, *LaPorte*, on 7/2(Ken Brock). 12 observed at Michigan City, *LaGrange*, on 7/10(Brendan Grube).

**Sanderling** 3 reported from Patoka NWR, *Gibson*, on 7/30(Evan Speck).

**Semipalmated Sandpiper** 14 individuals observed at McCool Basin, *Lake*, on 6/9(John Kendall). 3 individuals reported from Newton county on 6/10(Jed Hertz). 4 observed at Goose Pond, *Greene*, on 6/11(Jim Hengeveld). 4 individuals observed at Goose Pond, *Greene*, on 6/16(Jim Hengeveld). Single individual observed at Goose Pond, *Greene*, on 6/17(Larry Peavler).

**Least Sandpiper** 2 observed in Pike County on 6/1(Lou Gardella). 1 reported from Kankakee Sands, *Newton*, on 6/4(Ken Brock). 2 observed near Morocco, *Newton*, on 6/29(Ed Hopkins).

**White-rumped Sandpiper** 2 individuals observed at Kankakee Sands, *Newton*, on 6/1(Ryan Sanderson). 2 individuals reported from McCool Basin, *Porter*, on 6/3(John Kendall, Penny Starin). 7 reported from Kankakee Sands, *Newton*, on 6/4(Ken Brock). 2 individuals reported from Newton county on 6/10 (Jed Hertz). Single individual reported from Kankakee Sands, *Newton*, on 6/13(John Kendall).

**Baird's Sandpiper** Single individual observed at Patoka NWR, *Gibson*, on 7/29(Amy Kearns). Single individual reported from U.S. Steel, *Lake*, on 7/30(John Cassady).

**Pectoral Sandpiper** 1 observed near Bowman, *Pike*, on 7/14(Amy Kearns).

**Dunlin** 2 reported from Kankakee Sands, *Newton*, on 6/4(Ken Brock). Single individual observed at McCool Basin, *Lake*, on 6/9(John Kendall). 3 individuals reported from Newton county on 6/10(Jed Hertz). 2 individuals reported from Kankakee Sands, *Newton*, on 6/13(John Kendall). 3 individuals observed at Goose Pond, *Greene*, on 6/16(Amy Kearns). Single individual observed at Goose Pond, *Greene*, on 6/17(Larry Peavler). Single individual reported from Willow Slough FWA, *Newton*, on 6/21(Jed Hertz).

**Stilt Sandpiper** 2 observed in North Liberty, *St. Joseph*, on 7/11(Bob Huguenard). 4 reported from Goose Pond, *Greene*, on 7/17(Lee Sterrenburg). Single individual reported from Cane Ridge, *Gibson*, on 7/21(Karl Overman). 14 individuals reported from Goose Pond, *Greene*, on 7/24(Lee Sterrenburg).

17 observed near Pierce Rd, *St. Joseph*, on 7/29(Bob Huguenard).

**Curlew Sandpiper** Single individual observed at Goose Pond, *Greene*, on 6/16(Amy Kearns).

**Hudsonian Godwit** 2 observed in Daviess County on 6/1(Lou Gardella).

**Wilson's Snipe** Single individual reported from Newton county on 6/10(Jed Hertz). Single individual reported from Eagle Creek, *Monroe*, on 6/12(John Ulmer). Single individual reported from Willow Slough FWA, *Newton*, on 6/12(Jed Hertz). 1 reported near Enos, *Newton*, on 7/9(Ed Hopkins). Single individual reported from Kankakee Sands, *Newton*, on 7/19(Jed Hertz).

**Wilson's Phalarope 2** breeding pair reported from Newton county on 6/10(Jed Hertz). Single individual reported from Willow Slough FWA, *Newton*, on 6/12(Jed Hertz). Single individual reported from Kankakee Sands, *Newton*, on 7/22(Jed Hertz).



**Red-necked Phalarope at Limberlost Swamp on 7/16. Photo by Jim Haw**

**Red-necked Phalarope** Single individual observed at the Limberlost Swamp, *Jay*, on 7/16(Jim Haw).

**Franklin's Gull** Single individual reported from SE Hamilton county on 6/11(Brad Jackson).

**Bonaparte's Gull** 2 reported from Hammond Sanctuary, *Porter*, on 6/3(John Kendall). 4 reported from Miller Beach, *Lake*, on 7/31(Ken Brock).

**Caspian Tern** 20 nests counted on East Chicago lakefront, *Lake*, on 6/2(Amy Kearns). 3 reported from Eagle Creek, *Marion*, 6/3(Ethan M.) Single individual reported from Gibson county on 6/14(Amy Kearns). 2 observed at Eagle Marsh, *Allen*, on 7/3(Beverly Richardson). 3 reported from Lake Gibson on 7/5(Chuck Mills). 2 reported from Lake Gibson on 7/6(John Castrale). 119 observed at Miller Beach, *Lake*, on 7/26(Ken Brock).

**Forster's Tern** Single individuals observed at Lake Lemon, *Monroe*, on 6/7 and 6/11(Jim Hengeveld). Two individuals observed at Cane Ridge, *Gibson*, on 6/21(Chuck Mills). Single individual reported from Willow Slough, *Newton*, on 6/28(Jed Hertz). 1 individual observed at Goose Pond, *Greene*, on 7/1(Lee Sterrenburg). 1 observed at Goose Pond, *Greene*, on 7/3(Don Whitehead). 1 reported from Lake Gibson on 7/5(Chuck Mills). 2 reported from Lake Gibson on 7/6(John Castrale).

**Least Tern** Single individual observed at Goose Pond, *Greene*, on 6/11(David Daniels). 2 individuals observed at Goose Pond, *Greene*, on 6/17(Larry Peavler). 2 observed in rural Pike county on 6/18(Lori Brumbaugh & Lou Gardella). 4 observed near Bowman, *Pike*, on 7/6(Jeremy Ross) and 7/14(Amy Kearns) and 7/17(Lou Gardella).

**Black Tern** 2 individuals observed at Cane Ridge, *Gibson*, on 6/11(Vern Wilkins). 2 individuals observed at Cane Ridge, *Gibson*, on 6/17(Dave Crouch). 10 observed at Goose Pond, *Greene*, on 6/18(Michael Brown). 2 individuals observed at Cane Ridge, *Gibson*, on 6/21(Chuck Mills). 2 observed at Goose Pond, *Greene*, on 6/24(Marty Jones). 7 observed at Goose Pond, *Greene*, on 6/28(Amy Kearns).

**Eurasian Collared-dove** Single individual reported from Parr, *Jasper*, on 6/13(Ed Hopkins). Single individual reported from Sullivan county on 6/15(Ed Hopkins). Single individual reported from Pleasant Ridge, *Jasper*, on 6/18(Barny Dunning). Single individual reported from Clay county on 7/12(Amy Kearns). 3 reported from Cass

County on 7/12 and 7/13(Logan Neumann). Single individual reported from Vincennes, *Knox*, on 7/25(John Pohl). 4 including 2 fledglings observed in Waveland, *Montgomery*, 7/30(Alan Bruner).

**Monk Parakeet** Single individual observed in Lake on 6/1(Andrea Nuemann). 14 observed in Lake County on 7/24(Bob Decker).

**Barn Owl** 3 individuals including 1 nestling reported from Mitchell, *Lawrence*, on 6/14(Amy Kearns). Single individual reported from Goose Pond, *Greene*, on 6/28(Amy Kearns).

**Chimney Swift** 1500+ observed at the Hammond Sanctuary, *Lake*, on 6/9(John Kendall).



**Green Violetear near Attica on 7/31.**  
**Photo by Ed Hopkins.**

**Green Violetear** Single individual observed at feeder near Attica, *Fountain*, on 7/31(Deby Peterson).



**Western Wood-Pewee at Hoosier Prairie Nature Preserve in Griffith.**  
**Photo by John Cassady**

**Western Wood-Pewee** Single individual reported first reported from Hoosier Prairie SNP, *Lake*, on 7/5(Marshall Illif) was still there at the end of the period.

**Eastern Wood-Pewee** 51 tallied in Kankakee FWA, *Newton*, on 6/11(Ken Brock).

**Acadian Flycatcher** 27 tallied in Kankakee FWA, *Newton*, on 6/11(Ken Brock).

**Yellow-bellied Flycatcher** Single individual observed at Hammond migrant traps, *Lake*, on 6/1(Andrea Nuemann).

**Alder Flycatcher** Single individual observed in Boone County on 6/1(Roger Hedge).

**Scissor-tailed Flycatcher** The single individual located 5/30 by Gary Chupp at Cobus Creek Park, *Elkhart*, was last observed on 6/2(Steve Sass).

**Loggerhead Shrike** 2 observed in Orange county on 6/15(Amy Kearns). 5 including a fledgling reported from Orange county on 6/25(Amy Kearns).

4 reported in Orange county on 7/9(Amy Kearns). 1 observed in rural Daviess county on 7/14(Amy Kearns) .

**Blue-headed Vireo** 1 individual reported at Pigeon River, *LaGrange*, on 6/11 and 6/25(Jim Haw).

**Bell's Vireo** Single individual observed at Fox Island, *Allen*. on 6/1(Jim Haw). Single individual heard in Miami County on 6/1(Steve Doud). Nesting confirmed at Fox Island, *Allen*, on 7/6(Jim Haw). Single individual reported in Allen county on 7/23(Roger Hedge).

**Fish Crow** 2 individuals reported north of Oakland City, *Gibson*, on 6/8(Jeremy Ross). 7 observed in Posey County on 7/10(Alan Bruner).

**Bank Swallow** 1700 observed at Goose Pond, *Greene*, On 7/26(Lee Sterrenburg).

**Marsh Wren** 49 reported from Grant St. wetland, *Lake*, on 6/4(Ken Brock). 3 reported from Goose Pond, *Greene*, on 6/18(Lee Sterrenburg). 1 observed at Goose Pond, *Greene*, on 6/24(Marty Jones). 9 reported from Eagle Marsh, *Allen*, on 7/1(Jim Haw). 9 reported from Goose Pond, *Greene*, on 7/17(Lee Sterrenburg). 2 reported from Goose Pond, *Greene*, on 7/24(Amy Kearns).

**Blue-gray Gnatcatcher** 44 tallied in Kankakee FWA, *Newton*, on 6/11(Ken Brock).

**Veery** Single individual reported from Ft. Harrison SP, *Marion*, on 6/14(Roger Hedge).

**Swainson's Thrush** Single individual reported from Hammond Lakefront, *Porter*, on 6/3(Michael Topp).

**Gray Catbird** 69 tallied in Kankakee FWA, *Newton*, on 6/11(Ken Brock).

**Blue-winged Warbler** 23 individuals heard singing on Birdseye Trail in Hoosier NF, *Dubois*, on 6/6(Noah Kearns).

**Yellow Warbler** 164 tallied in Kankakee FWA, *Newton*, on 6/11(Ken Brock).

**Chestnut-sided Warbler** Single individual reported from O'Bannon Woods SP, *Harrison*, 6/3(Del Striegel

). Single individual reported singing in southern Miami County on 6/12 and 6/22(Brad Jackson).

**Magnolia Warbler** 4 reported from the Hammond Lakefront, *Porter*, on 6/3(Michael Topp). 1 reported from the Hammond Lakefront, *Porter*, on 6/5(Michael Topp). Single male reported singing near Kokomo, *Howard*, on 6/14(Brad Jackson).

**Black-throated Green** Single individual reported from Indianapolis, *Marion*, on 7/10(Lee Casebere). Single individual reported near Anoka, *Howard*, on 7/14(Landon Neumann).

**Blackburnian Warbler** Singing male reported from Furnessville Woods, *Porter*, on 6/25(Susan Bagby).

**Pine Warbler** 1 individual reported at Pigeon River, *LaGrange*, on 6/11(Jim Haw).

**Blackpoll Warbler** Single individual reported from Hammond Lakefront, *Porter*, on 6/3(Michael Topp). 1 reported from the Hammond Lakefront, *Porter*, on 6/5(Michael Topp).

**American Redstart** 21 reported from Tri-county FWA, *Kosciusko*, on 6/4(Jim Haw). 132 tallied in Kankakee FWA, *Newton*, on 6/11(Ken Brock).

**Worm-eating Warbler** 15 individuals heard singing on Birdseye Trail in Hoosier NF, *Dubois*, on 6/6(Noah Kearns).

**Connecticut Warbler** Single individual observed at Hammond migrant traps, *Lake*, on 6/1(Andrea Nuemann).

**Hooded Warbler** 10 observed in Martin County on 6/1(Amy Kearns). 20 individuals heard singing on Birdseye Trail in Hoosier NF, *Dubois*, on 6/6(Noah Kearns).

**Wilson's Warbler** Single individual observed at Hammond migrant traps, *Lake*, on 6/1(Andrea Nuemann).

**Clay-colored Sparrow** Single individual reported on territory at Pigeon River, *LaGrange*, on 6/2 and 6/11(Jim Haw).

**Lark Sparrow** Single individual recorded on BBS route, *Lawrence*, on 6/7(Amy Kearns). 2 reported from Greene county on 6/6(Jim Hengeveld). 1 reported near Washington, *Daviess*, on 6/14(Marty Jones). 3 including a fledgling reported from Lawrence county on 6/25(Amy Kearns). A pair fledged several young near Purdue airport, *Tippecanoe*, on 6/26(John Skene). 2 observed in Lawrence county on 6/28(Amy Kearns). 2 observed near Greenfield, *Hancock*, on 6/28 and 7/9(Mark Rhodes.) 6 observed near Williams, *Lawrence*, on 7/11(Amy Kearns). 2 adults carrying food observed in rural Pike county on 7/14(Lou Gardella).

**Henslow's Sparrow** 25 singing males reported from Atterbury FWA, *Johnson*, on 6/3(Karl Werner). 60 reported from Hillenbrand FWA, *Greene*, on 6/11(Ross Brittain).

**Song Sparrow** 93 tallied in Kankakee FWA, *Newton*, on 6/11(Ken Brock).

**White-throated Sparrow** 1 reported from the Hammond Lakefront, *Porter*, on 6/5(Michael Topp).

**Blue Grosbeak** Single individual reported from Waynedale, *Allen*, on 6/8(Roger Rang) and again on 6/9(Jim Haw) and again on 6/26(Roger Rang). 2 reported from SE Hamilton county on 6/11(Brad Jackson) and 1 still present on 6/22. Single individual reported SW of Kokomo, *Howard*, on 6/13 and d 6/22(Brad Jackson). 3 including a fledgling reported near Westfield, *Marion*, on 7/5(Brad Jackson).

**Bobolink** Single individual observed near Worthington, *Greene*, on 6/11(Vern Wilkins). 4 reported near Mitchell, *Lawrence*, on 6/15(Amy Kearns). 5 reported on Jim Day Road, *Washington*, on 6/12(Jeff Sells). 3 singing males reported from Lawrence county on 6/24(Amy Kearns).

**Yellow-headed Blackbird** 1 seen near Meridian St in Indianapolis, *Marion*, on 6/5(Ryan Hamilton). Single male observed at Miller Beach, *Lake*, on 7/23(Ken Brock). 4 including three fledglings reported from Chase St. Marsh, *Lake*, on 7/30(Ed Hopkins, ph.).

**Brewer's Blackbird** 2 individuals observed at Shamrock Sod Farm, *Newton*, on 6/11(Ken Brock).

**Western Meadowlark** 1 reported from Kankakee Sands, *Newton*, on 6/2-6/4(Landon Neumann, Ken Brock). Single individual reported from Kankakee Sands, *Newton*, on 6/13(John Kendall). Single individual reported near Wolcott, *White*, on 6/27(Diane Packett). 2 reported near Morraco, *Newton*, on 7/6(Ed Hopkins). 2 reported near Wolcott, *White*, on 7/8(Diane Packett).

2 individuals reported from Kankakee Sands, *Newton*, on 7/6(Jed Hertz). Single individual reported from Kankakee Sands, *Newton*, on 7/9(Robert Hughes).

**THE 2011 INDIANA AUDUBON SOCIETY BIG MAY DAY BIRD COUNT**  
**Jay Bolden, 7349 Liscannor Lane, Indianapolis, IN 46217**

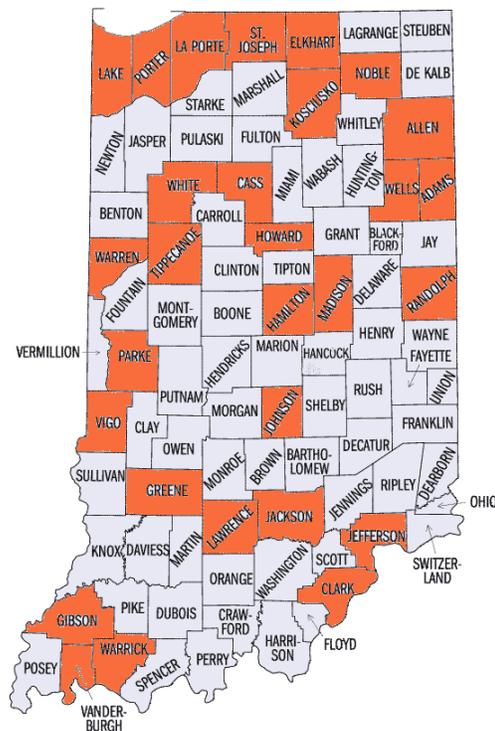


**Figure 1. Bells Vireo, Greene Co. 14-May-2011, by Susan Hengeveld.**

The Big May Day Bird Count was conducted state-wide on Saturday, May 14<sup>th</sup>, 2011. The objective of the BMDBC is to count the number of birds of each species occurring in a participating county area from midnight to midnight on the second Saturday in May. The ensuing data snapshot provides a valuable scientific record of the resident and migratory bird populations occurring each year in Indiana. After two years of generally strong winds for the Big May Day Bird Count, the weather was milder with the average high temperature across the state at 68°F and average low at 55°F. Cloud cover was consistently present across the state, and counties in the north reported rain.

Hotspot Counties Lake, Vigo, Greene, Porter, Allen and Tippecanoe topped the list with 150+ different species seen in each. The fewest number of counties participated since 2001 (Figure 2) resulting in the fewest numbers of participants and birds in the same time period (Figure 4). Despite the low turnout, effort as a function of birds per observer hour rebounded from last year (Figure 5).

Significant sightings included **American Black Duck** (Warren), **Ruffed Grouse** (Lawrence, Porter), **Least Bittern** (Allen, Greene, Lake, Vanderburgh), **Snowy Egret** (Gibson), **Little Blue Heron** (Greene, Vigo), **Black-crowned Night Heron** (Clark, Greene, Lake, Porter), **Mississippi Kite** (Greene, Warrick), **King Rail** (Greene), **Common Moorhen** (Greene, Lake, Porter, St. Joseph, Tippecanoe, Vigo), **Piping Plover** (Lake), **Black-necked Stilt** (Gibson, Greene), **Willet** (Gibson), **Upland Sandpiper** (St. Joseph, Vigo), **Sanderling** (Lake), **Baird's Sandpiper** (Lawrence), **Purple Sandpiper** (Lake), **Long-billed Dowitcher** (Lake), **Bonaparte's Gull** (Allen, Lake), **Laughing Gull** (Greene, La Porte), **Greater Black-backed Gull** (Lake), **Least Tern** (Gibson), **Eurasian Collared-Dove** (Gibson, Lake, Lawrence), **Monk Parakeet** (Lake), **Barn Owl** (Lawrence, Noble), **Bell's Vireo** (Allen), **Fish Crow** (Gibson, Warrick), **Winter Wren** (Lake), **Kirtland's Warbler** (Warren), **Lark Sparrow** (Hamilton, Randolph, Tippecanoe), **Fox Sparrow** (Lake), **Dark-eyed Junco** (Kosciusko,



**Figure 2. Counties Participating in the 2011 BMDBC.**

Madison), **Western Meadowlark** (Tippecanoe), **Brewer's Blackbird** (Adams, Lawrence). Not included in the data summary but as an addendum to the raw data is a BMDBC-style count in Clay County run by Alan Bruner and Peter Scott on May 12<sup>th</sup> to warm up for the Vigo County count. Alan and Peter were able to count 1,985 individuals of 115 species demonstrating the potential for a good day of birding in under-represented counties.

Visit the IAS website to access the raw data and the now annual Vigo County count recap by Peter Scott. Also posted on the website is a press clipping from the Monticello Herald Journal for a recap of the White County count.

Thanks to all of the compilers and observers for their donations of money and time on the count. I look forward to your participation again next year.



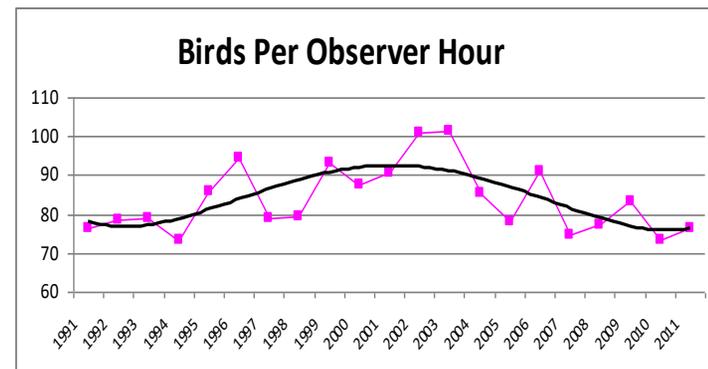
**Figure 3. Grasshopper Sparrow, Greene Co., 14-May-2011 by Susan Hengeveld.**

**Figure 4. Data Summary of BMCBCs from 1991-2011.**

| Year                    | <u>1991</u> | <u>1992</u> | <u>1993</u> | <u>1994</u> | <u>1995</u> | <u>1996</u> | <u>1997</u> | <u>1998</u> | <u>1999</u> | <u>2000</u> |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| May Count Date          | 11          | 9           | 8           | 14          | 13          | 11          | 10          | 9           | 8           | 13          |
| Total Counties          | 39          | 41          | 42          | 43          | 42          | 39          | 45          | 47          | 44          | 45          |
| Total Species Observed  | 229         | 229         | 228         | 224         | 228         | 246         | 249         | 242         | 248         | 243         |
| Total Birds             |             |             |             |             |             |             |             |             |             |             |
| Counted                 | 149,990     | 169,504     | 154,130     | 154,343     | 158,533     | 166,232     | 191,971     | 178,202     | 167,902     | 160,214     |
| Total Observers         | 537         | 576         | 554         | 533         | 537         | 630         | 637         | 656         | 585         | 577         |
| Total Observer          |             |             |             |             |             |             |             |             |             |             |
| Hours                   | 1,968       | 2,157       | 1,957       | 2,110       | 1,842       | 1,759       | 2,432       | 2,245       | 1,804       | 1,828       |
| Birds Per Observer      | 279         | 294         | 278         | 290         | 295         | 264         | 301         | 272         | 287         | 278         |
| Birds Per Observer Hour | 76          | 79          | 79          | 73          | 86          | 95          | 79          | 79          | 93          | 88          |

| Year                    | <u>2001</u> | <u>2002</u> | <u>2003</u> | <u>2004</u> | <u>2005</u> | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| May Count Date          | 12          | 11          | 10          | 8           | 14          | 13          | 12          | 10          | 9           | 8           |
| Total Counties          | 47          | 41          | 42          | 40          | 40          | 39          | 36          | 36          | 42          | 34          |
| Total Species Observed  | 234         | 241         | 240         | 238         | 236         | 241         | 239         | 243         | 251         | 233         |
| Total Birds             |             |             |             |             |             |             |             |             |             |             |
| Counted                 | 164,728     | 140,532     | 153,567     | 162,991     | 141,504     | 148,920     | 131,598     | 129,535     | 141,604     | 128,137     |
| Total Observers         | 553         | 499         | 480         | 506         | 498         | 476         | 446         | 488         | 487         | 487         |
| Total Observer          |             |             |             |             |             |             |             |             |             |             |
| Hours                   | 1,817       | 1,390       | 1,516       | 1,904       | 1,808       | 1,637       | 1,761       | 1,676       | 1,701       | 1,745       |
| Birds Per Observer      | 298         | 282         | 320         | 322         | 284         | 313         | 295         | 265         | 291         | 263         |
| Birds Per Observer Hour | 91          | 101         | 101         | 86          | 78          | 91          | 75          | 77          | 83          | 73          |



| Year                    | <u>2011</u> | <u>mean</u> | <u>median</u> | <u>high</u> | <u>low</u> |
|-------------------------|-------------|-------------|---------------|-------------|------------|
| May Count Date          | 14          | 11          | 11            | 14          | 8          |
| Total Counties          | 29          | 43          | 43            | 47          | 39         |
| Total Species Observed  | 237         | 237         | 236           | 249         | 224        |
| Total Birds             |             |             |               |             |            |
| Counted                 | 119,710     | 165,102     | 163,223       | 191,971     | 149,990    |
| Total Observers         | 461         | 582         | 577           | 656         | 533        |
| Total Observer          |             |             |               |             |            |
| Hours                   | 1,563       | 2,010       | 1,963         | 2,432       | 1,759      |
| Birds Per Observer      | 260         | 284         | 283           | 301         | 264        |
| Birds Per Observer Hour | 77          | 83          | 79            | 95          | 73         |

**Figure 5. BMDBC Bird Records per Observer Hour.**

**Figure 6. Most Numerous Resident Bird Counts 2007-2011.**

| Species              | 2007   | 2008   | 2009   | 2010   | 2011 | Average |
|----------------------|--------|--------|--------|--------|------|---------|
| Red-winged Blackbird | 12,241 | 10,583 | 12,743 | 10,232 | 9947 | 11,638  |
| European Starling    | 9,262  | 8,517  | 10,026 | 11,594 | 8327 | 9,828   |
| American Robin       | 8,532  | 8,085  | 9,990  | 11,545 | 8987 | 9,597   |
| Canada Goose         | 6,747  | 6,719  | 6,896  | 6,694  | 5413 | 6,744   |
| Common Grackle       | 7,319  | 5,938  | 5,905  | 5,894  | 5203 | 6,553   |
| Ring-billed Gull     | 3,355  | 2,534  | 3,568  | 4,941  | 2779 | 4,166   |
| House Sparrow        | 3393   | 3386   | 3,560  | 3,281  | 3435 | 3,751   |
| Northern Cardinal    | 3,684  | 3,595  | 3,351  | 2,914  | 3360 | 3,443   |
| Mourning Dove        | 3,193  | 2,915  | 2,878  | 2,459  | 2803 | 3,232   |
| American Goldfinch   | 3,170  | 2,946  | 3,054  | 2,441  | 2479 | 2,958   |
| Brown-headed Cowbird | 2,617  | 2,449  | 2,976  | 2,421  | 2157 | 2,438   |
| Mallard              | 1,997  | 2,050  | 1,817  | 2,098  | 1830 | 1,979   |
| Song Sparrow         | 1,819  | 1,864  | 1,619  | 1,340  | 1599 | 1,741   |
| American Crow        | 1,418  | 1,472  | 1,787  | 1,806  | 1710 | 1,640   |
| Rock Pigeon          | 1,092  | 1,302  | 1,278  | 1,425  | 1006 | 1,455   |

**Figure 7. Most Numerous Neotropical Migrant Bird Counts 2007-2011.**

| Species                       | 2007 | 2008 | 2009 | 2010 | 2011 | Average |
|-------------------------------|------|------|------|------|------|---------|
| Barn Swallow                  | 2178 | 2087 | 3098 | 4854 | 3102 | 3871    |
| Tree Swallow                  | 2475 | 2421 | 3777 | 4294 | 2330 | 3360    |
| Indigo Bunting                | 2234 | 2009 | 2295 | 1420 | 2358 | 2005    |
| Gray Catbird                  | 2009 | 2186 | 1994 | 1342 | 1725 | 1833    |
| Chimney Swift                 | 1619 | 1746 | 2264 | 1301 | 1397 | 1799    |
| Northern Rough-winged Swallow | 877  | 992  | 1974 | 1878 | 858  | 1742    |
| Chipping Sparrow              | 1792 | 1991 | 1930 | 1493 | 1610 | 1727    |
| Common Yellowthroat           | 1485 | 1834 | 1659 | 1210 | 1749 | 1580    |
| Cliff Swallow                 | 2001 | 1202 | 1721 | 1893 | 1097 | 1562    |
| Yellow Warbler                | 1375 | 1811 | 1480 | 1113 | 1426 | 1448    |
| Purple Martin                 | 1028 | 1537 | 1508 | 907  | 1738 | 1343    |
| Baltimore Oriole              | 1424 | 1369 | 1508 | 1031 | 1286 | 1290    |
| Bank Swallow                  | 582  | 745  | 881  | 1847 | 505  | 1054    |

|                       |      |      |      |     |     |     |
|-----------------------|------|------|------|-----|-----|-----|
| House Wren            | 1052 | 1302 | 1225 | 789 | 747 | 995 |
| Blue-gray Gnatcatcher | 653  | 863  | 1277 | 782 | 976 | 897 |

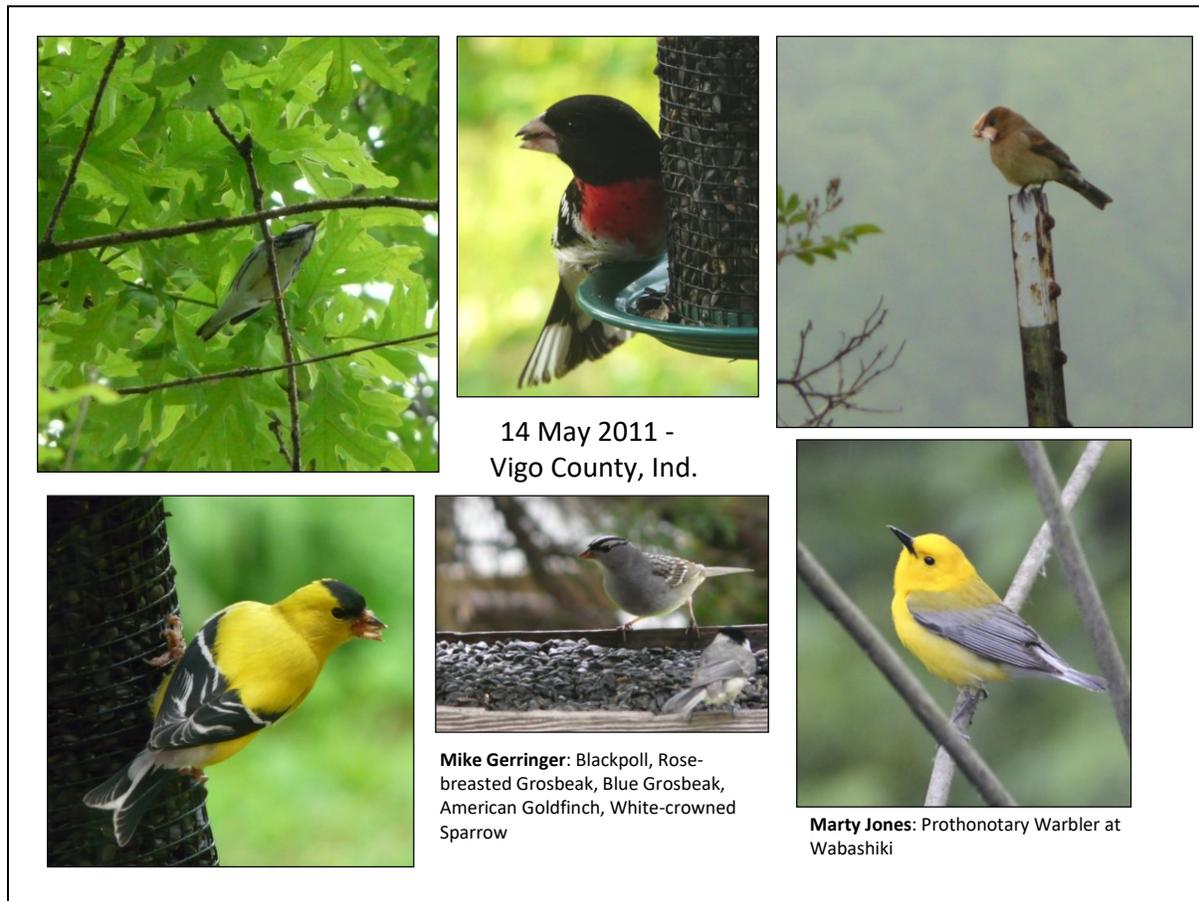


Figure 8. Vigo County Count 2010 BMDBC photographs by Mike Gerringer and Marty Jones.

## Participants

1. **Adams, Compiler:** Larry Parker **Observers:** Larry Parker, Earlene Moser, Dorothy Moser, Gene Bluhm, Elaine Bluhm, R. Jack Macklin, Carole Macklin, Carl Yoder
2. **Allen, Compiler:** Ed Powers **Observers:** Jerry Brown, Mark Derloshon, Jim Haw, Frannie Headings, Cynthia Powers, Ed Powers, Rodger Rang,, Doug Rood, Sandy Schacht, Jim Seely, David Ward, Galen Yordy
3. **Cass, Compiler:** Landon Neumann **Observers:** Landon Neumann
4. **Clark, Compiler:** Stuart Jenkins **Observers:** Stuart Jenkins, Mary Ann Jenkins, Larry Lock, Pat Lock, Scottie Theiss, Dakin Polan, Del Steigle, Valerie Buehler, Kathy Strecker, Kathy Webster
5. **Elkhart, Compiler:** Lindsay Grossman **Observers:** EliRhiAnnon Grossmann, RhiAnnon Grossmann, John Davis, Trice Berkley, Allen Peachy, Ray Troyer, Don Bontrager, Dan

Stoltzfus, Mary Martin, Gary Keister, Don Beyeler, Neil Miller, David Miller, Liz Jacobs, Jon Harley, Elaine Harley, Susan Rowe, Terri Hupp, Emma Wynn, Chuck Gooding, Judy Ferrell, Irvin Pratt, Marlene Pratt, Larry Ford, Ronda DeCaire, Ben Grossmann, Lindsay Grossmann

6. **Gibson, Compiler:** Charles Mills **Observers:** Dan Collins, Ben Fritz, Nancy Gehlhausen, Charles Mills, Kara Schotter, Ryan Slack, Marietta Smith, Evan Speck, Vicky Whitaker
7. **Greene, Compiler:** Jess Gwinn **Observers:** Jess Gwinn, Maureen Forrest, Donald Hall, Joan ten Hoor, Marilyn Flanders, Ivy Kardokus, Marsue McCalla, Gary Langell, Sandy Belth, Jim Brown, Lee Sterrenburg, Terri Greene, Don Whitehead, John Eakin, Jim Mitchell, Fred Churchill, Jerry Downs, Bill Holladay, Jen Richardson, Jessica Richardson, Julia Ferguson, Jonathan Bauer, Susan Hengeveld, Jim Hengeveld, Bob Kissel, Ann Maxwell, Ray Brumfiel
8. **Hamilton, Compiler:** Art Jeffries **Observers:** Ken Badger, Roberta Badger, Terry Ballenger, Lyn Berling, Joe Bitner, Nancy Breeden, Jeff Canada, Deb Carrell, Ken Carrell, Matt Carrell, Gordon Chastain, Paul Coon, June DeLong, Linda Downer, Beth Eikenberry, Lynn Eikenberry, Scott Enochs, Brad Jackson, Art Jeffries, Lora Jeffries, Diane Kiemeyer, Becky Lomax-Sumner, Cindy Meyer, Ted Meyer, Don Miketa, John Mueller, Polly Nicely, Greg Osland, Rob Ripma, Stephanie Ripma, Amanda Smith, Janet Tuten, Donna Van Jelgerhuis, D.J. Weddle, Richard Wiesler, Martin Williams, Mary Ann Wiskerchen
9. **Howard, Compiler:** Sam Morrow **Observers:** Sam Morrow
10. **Jackson, Compiler:** Donna Stanley **Observers:** Darlena Graham, Linda Sullivan, David Crouch, Terri Moore, Joe Woodward
11. **Jefferson, Compiler:** Bill Poindexter **Observers:** Mary Clashman, Dick Davis, Katherine Kubicek, Angela Kubicek, Nancy Kubicek, Kim Kirschner, Kevin Carlson, Matt Demaree, Bill Poindexter
12. **Johnson, Compiler:** Tom Hougham **Observers:** Tom Hougham, Ann Deutch, Karl Werner, Jay Bolden, Mike Clay, Mike Wade, Karen Wade
13. **Kosciusco, Compiler:** Gregory Clark **Observers:** Connie Doud, Steve Doud, Andrea Baker, Steve Long, Wilson Lutz, Mary Lutz, Vernon Campbell, Barbara Stookey-Campbell, Dave Hicks, Deb Hustin, Steve Hammer, Jeff Crockett, Bruce Ruisard, James Townsend, Gregory Clark
14. **Lake, Compiler:** Lynda McGinnis **Observers:** Fran Bascom, Andy Bencur, Joy Bower, Pat Brice, DeNay and Jose Cortez, Barb and Devin Dodge, Donna Gonzalez, Sandy Groet, Jolene Hanchar, Kim Harmon, Kathy and David Homrich, Jan Jasieniecki, Jeff Manes, Carolyn Marsh, Gayle McBride, Lynda McGinnis, Darcy Petyko, Brad Piniak, Marti Pizzini, Christine Salberg, Jim Sweeney, Patty and Michael Topp, Eileen and Rick Welton

15. **LaPorte, Compiler:** Joan Wisniewski **Observers:** Dennis Richardson, Frances Richardson, Jim Jessup, Pennie Lombard, Jim Simon, Mary Heath, Bruce Cummings, Joan Wisniewski, Denise Holmes, Steve Laue, Elizabeth McCloskey, Susan Bagby, Nancy Reiter
16. **Lawrence, Compiler:** Amy Kearns **Observers:** John & Andrea Castrale, Howard Detweiler, Steve & Linda Gilstrap, Amy & Noah Kearns, Dan Leach
17. **Madison, Compiler:** Jean Harbron **Observers:** Sheryl Myers, Steve Pancol, Bernie Butler, Ed Breeden, Lois Rockhill, Richard True, Gracie Suko
18. **Noble, Compiler:** John Winebrenner **Observers:** Not reported
19. **Parke, Compiler:** Alan Bruner **Observers:** Alan W. Bruner, Patsy Steffen, Brenda Milliren, Phil Milliren
20. **Porter, Compiler:** Ken Brock **Observers:** Ken Brock, Bruce Haller, Amy Braner, Nicole Haller Braner, Tim Cole, Lynea Hinchman, Beth Jones, John Kendall, Dick Knutson, Bernie Konrady, Patrick Krueger, Jeff McCoy, Randy Pals, Billy Sherrell, Tracy Spurgeon, Jack Swelstad, Jason Swelstad, Erik Troske
21. **Randolph, Compiler:** Connie Howell **Observers:** Steve Howell, Nina Howell, Connie Howell, Tom Howell, Ben Shreves, Kay Ulrey
22. **St Joseph, Compiler:** Louise Fessenden **Observers:** John & Alice Bentley, Jo Borrer, Jennifer Bowman, John & Wendy Cassady, Cindy Conway, Michael Douglas, Dick & \*Louise Fessenden, Robert Fessenden, Laura Fuderer, Carol Goodall-Yoder, Becky Gute, John Kaehr, Michael Klingerman, Dave & Yan Kopp, Shannon Lee, Bob & Linda Leliaert, John Lisek, Joe & Kathy Long, Kathy Maloney, Julia Mast, Dan Mauro, Brian Miller, Scott Namestnik, Vic & Marge Riemenschneider, Carole Riewe, Paul Scherer, Phil & Jenny Snider, Jim Spier, Joan Tweedell, Ken Tweedell, Lynn Vernon, Kay Easton, Suzanne Bullock, Bea Lies, Rosemary Toepp
23. **Tippecanoe, Compiler:** Barney Dunning **Observers:** Not reported
24. **Vanderburgh, Compiler:** Brian Taylor **Observers:** Brian Taylor, Mel Lodato, Carol Pettys, Chris Newman, Lois Schmidt, Al Langen, Bart Wilson, Sarah Karges, Ron Crawford, Merle Schapker, Ray Schapker, Art Schroeder, Chris Langen, Chris Pace, Gary Germano, Jessica Franck, Marilyn Swonder, Steve Heeger, Ted Hitch, Jim Burton, Delores Heeger, Kathy Solecki, Greg Gordon, Carolyn Barron, LD Harry, Neal Bogan
25. **Vigo, Compiler:** Peter Scott **Observers:** Elizabeth Art; David, George, and Laura Bakken; Michael Ray Brown; Jane Chestnut, Susie Dewey, Joe Dickson, Mary Beth Eberwein; Darlene Gemlich, Mike Gerringer, John Haag, Andrew Hoffman; Marty Jones, Steve Kuntz, Elise Lima, Steve Lima, Carissa Lovett; Bill Mitchell, Andy Prothero, Denise Prothero; Alexander, Joy, and Mike Sacopulos; Carol and Jeff Schaffer; Peter Scott, Sierra Shepard, Denise Sobieski, Jim Sullivan, Henry Tamar, Margaret Tamar

26. **Warren, Compiler:** Susan Ulrich **Observers:** Ted & Susan Ulrich, Brian Beheler (+ Callum [age 5] & Liam [age 3]), Joanna Billiard, Bill & Barbara Crane, Ellen Tobias, Shelly Foran, Julie Rector, Peter Morrison, Catharine Scott-Moncrieff, James Huston, Barbara Crane, Frank Keneworthy
27. **Warrick, Compiler:** Tim Griffith **Observers:** Tim Griffith, Philip Lax, Mary Jo Campbell, Jim Campbell, Chris Fano, John Meredig, Chris Pace, Margi Griffith, Barb Pruett, Ellen Hellum, Steve Rose, Brenda Rose
28. **Wells, Compiler:** Kathleen Fuller **Observers:** Ken Dubach, Kathy Fuller, Leon and Mary K Gerber, Carolyn Graham, Linda Harris, Carolyn Huvendick, Rita Knowles, Delores Lowe, Jerry & Rose Moser, Ruth & Charles Oswalt, Jerry Parker, Susan Price, Mick Ulmer
29. **White, Compiler:** Rick Read **Observers:** Rick Read, Jim Sharp, Debbie Denton, Vanessa Read, Joyce Sharp, Brad Denton, Ellen Simmons

# 2011 Indiana Audubon Society

## Big May Day Count Data

|                             | Adam | Allen | Cass | Clari | Elkhar | Gibson | Green | Hami | Howard | Jack | Jeff | Johr | Kost | Lake | LaPort | Lawren | Madis | Noble | Park | Porte | Randolp | St Jo | Tipp | Vanc | Vig | Warre | Warricl | Wells | White | Species | High | Cour | Count |
|-----------------------------|------|-------|------|-------|--------|--------|-------|------|--------|------|------|------|------|------|--------|--------|-------|-------|------|-------|---------|-------|------|------|-----|-------|---------|-------|-------|---------|------|------|-------|
| Fulvous Whistling-Duck      |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       | 0       | 0    | 0    |       |
| Greater White-fronted Goose |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0    | 0    | 0     |
| Snow Goose                  |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0    | 0    | 0     |
| Cackling Goose              |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0    | 0    | 0     |
| Canada Goose                | 93   | 305   | 25   | 138   | 300    | 115    | 290   | 115  | 85     | 58   | 53   | 55   | 299  | 416  | 16     | 32     | 68    | 315   | 43   | 200   | 64      | 694   | 293  | 250  | 546 | 126   | 91      | 108   | 95    | 5,288   | 694  | 29   |       |
| Mute Swan                   |      | 4     |      |       | 60     |        |       | 1    |        |      |      |      | 115  | 8    |        |        |       | 7     |      | 2     |         | 7     |      |      |     |       |         |       | 2     | 206     | 115  | 9    |       |
| Tundra Swan                 |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0    | 0    | 0     |
| Wood Duck                   |      | 38    | 1    | 27    | 25     | 14     | 75    | 26   | 2      | 89   | 3    | 46   | 26   | 58   | 12     | 13     | 13    | 46    | 50   | 78    |         | 60    | 38   | 10   | 94  | 6     | 7       | 2     | 7     | 866     | 94   | 27   |       |
| Gadwall                     |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      | 1   |       |         |       |       |         | 1    | 1    | 1     |
| American Wigeon             |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0    | 0    | 0     |
| American Black Duck         |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         | 1     |       |         | 1    | 1    | 1     |
| Mallard                     | 139  | 108   | 1    | 67    | 84     | 50     | 116   | 49   | 31     | 8    | 2    | 11   | 87   | 160  | 2      | 23     | 47    | 64    | 15   | 69    | 7       | 193   | 193  | 129  | 97  | 12    | 21      | 12    | 17    | 1,814   | 193  | 29   |       |
| Blue-winged Teal            | 2    | 6     |      |       | 1      | 4      | 46    | 35   |        | 2    |      |      | 2    | 14   |        |        |       | 6     |      | 2     |         |       | 11   | 24   |     |       |         |       |       | 155     | 46   | 13   |       |
| Northern Shoveler           | 6    | 3     |      |       | 1      | 7      | 6     |      |        | 2    |      |      |      | 5    |        |        |       |       |      |       |         |       | 1    | 6    |     |       |         |       |       | 37      | 7    | 9    |       |
| Northern Pintail            |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0    | 0    | 0     |
| Green-winged Teal           |      |       |      |       |        |        |       | 5    |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 5    | 5    | 1     |
| Canvasback                  |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0    | 0    | 0     |
| Redhead                     |      |       |      |       |        |        |       |      |        |      |      |      | 1    |      |        |        |       |       |      |       |         |       |      |      | 1   |       |         |       |       |         | 2    | 1    | 2     |
| Ring-necked Duck            |      |       |      |       |        |        | 1     |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      | 2    |     |       |         |       |       |         | 3    | 2    | 2     |
| Greater Scaup               |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0    | 0    | 0     |
| Lesser Scaup                |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0    | 0    | 0     |
| Surf Scoter                 |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0    | 0    | 0     |
| White-winged Scoter         |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0    | 0    | 0     |
| Black Scoter                |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0    | 0    | 0     |
| Long-tailed Duck            |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0    | 0    | 0     |
| Bufflehead                  |      |       |      |       |        |        |       |      |        |      |      |      | 2    |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 2    | 2    | 1     |
| Common Goldeneye            |      |       |      |       | 1      |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 1    | 1    | 1     |
| Hooded Merganser            |      | 1     |      |       |        |        |       |      |        |      |      |      | 5    | 1    |        |        |       |       | 1    | 4     |         | 2     |      | 4    |     |       | 3       |       |       |         | 21   | 5    | 8     |
| Common Merganser            |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0    | 0    | 0     |
| Red-breasted Merganser      |      | 1     |      |       |        |        |       |      |        | 1    |      |      |      |      |        |        |       |       |      | 3     |         | 2     |      | 3    | 4   |       |         |       |       |         | 14   | 4    | 6     |
| Ruddy Duck                  |      |       |      |       | 1      |        | 2     |      |        |      |      |      | 2    | 2    |        |        |       |       |      |       |         |       |      |      | 4   |       |         |       |       |         | 11   | 4    | 5     |
| Northern Bobwhite           | 1    |       |      | 3     |        | 14     | 45    |      |        |      | 4    | 1    |      |      |        | 8      |       |       |      | 1     |         |       | 3    | 4    | 27  | 3     | 8       |       | 1     | 123     | 45   | 14   |       |
| Ring-necked Pheasant        |      | 4     |      |       |        |        |       |      |        |      |      |      | 2    |      |        |        |       |       | 7    |       |         |       | 1    | 10   | 12  | 8     |         |       | 2     | 46      | 12   | 8    |       |
| Ruffed Grouse               |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        | 1      |       |       |      |       | 5       |       |      |      |     |       |         |       |       |         | 6    | 5    | 2     |
| Wild Turkey                 |      | 8     |      | 24    | 12     | 18     | 14    |      |        | 1    | 33   | 3    | 4    | 1    |        | 7      |       | 6     | 3    |       |         |       | 22   | 9    | 12  | 21    | 28      | 13    |       | 239     | 33   | 19   |       |
| Red-throated Loon           |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0    | 0    | 0     |
| Common Loon                 |      | 1     |      |       |        | 1      | 1     |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      | 5    |     |       |         |       |       |         | 8    | 5    | 4     |
| Pied-billed Grebe           |      | 3     |      |       | 7      | 2      | 11    |      |        | 1    |      |      |      | 7    |        | 1      |       | 1     |      | 4     |         |       | 5    | 1    | 6   | 1     |         |       |       |         | 50   | 11   | 13    |
| Horned Grebe                |      |       |      |       |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0    | 0    | 0     |

| Species                    | Adam | Allen | Cass | Clar | Elkhar | Gibsoi | Green | Hami | Howard | Jack | Jeff | Johr | Kos | Lake | LaPort | Lawren | Madis | Noble | Park | Porte | Randolp | St Jo | Tipp | Vanc | Vig | Warre | Warricl | Wells | White | Species | High | Cour | Count |
|----------------------------|------|-------|------|------|--------|--------|-------|------|--------|------|------|------|-----|------|--------|--------|-------|-------|------|-------|---------|-------|------|------|-----|-------|---------|-------|-------|---------|------|------|-------|
| American Bittern           |      | 1     |      |      |        |        | 11    |      |        |      |      |      |     | 1    |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       | 13      | 11   | 3    |       |
| Least Bittern              |      | 1     |      |      |        |        | 6     |      |        |      |      |      |     | 1    |        |        |       |       |      |       |         |       | 2    |      |     |       |         |       |       | 10      | 6    | 4    |       |
| Great Blue Heron           | 10   | 41    | 1    | 30   | 23     | 62     | 86    | 97   |        | 9    | 5    | 9    | 47  | 79   | 8      | 11     | 7     | 43    | 12   | 176   | 10      | 61    | 66   | 27   | 84  | 22    | 17      | 34    | 12    | 1,089   | 176  | 28   |       |
| Great Egret                |      |       |      | 8    | 1      | 5      | 49    | 2    |        | 1    |      |      |     | 20   |        |        |       | 3     |      | 5     |         |       |      | 2    | 22  |       | 10      |       | 128   | 49      | 12   |      |       |
| Snowy Egret                |      |       |      |      |        | 2      |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 2     | 2       | 1    |      |       |
| Little Blue Heron          |      |       |      |      |        |        | 1     |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      | 1    |     |       |         |       | 2     | 1       | 2    |      |       |
| Cattle Egret               |      |       |      |      |        |        | 2     |      |        |      |      |      |     |      |        | 1      |       |       |      |       |         |       |      |      | 15  |       |         |       | 18    | 15      | 3    |      |       |
| Green Heron                |      | 8     | 1    | 2    | 11     | 6      | 6     |      |        | 2    | 1    | 3    | 7   |      |        | 1      | 1     | 18    |      | 13    | 3       | 24    | 9    | 10   | 28  | 4     | 5       | 2     | 1     | 166     | 28   | 23   |       |
| Black-crowned Night-Heron  |      |       |      | 8    |        |        | 18    |      |        |      |      |      |     | 11   |        |        |       |       |      | 1     |         |       |      |      |     |       |         |       | 38    | 18      | 4    |      |       |
| Yellow-crowned Night-Heron |      |       |      |      |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |
| White-faced Ibis           |      |       |      |      |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |
| Black Vulture              |      |       |      | 39   |        |        |       |      |        |      | 36   |      |     |      |        | 33     |       |       |      |       |         |       |      |      |     |       |         |       | 108   | 39      | 3    |      |       |
| Turkey Vulture             | 8    | 38    | 4    | 38   | 11     | 81     | 50    | 46   | 1      | 32   | 90   | 7    | 40  | 16   | 1      | 97     | 2     | 101   | 55   | 10    | 59      | 21    | 76   | 14   | 72  | 41    | 16      | 79    | 25    | 1,131   | 101  | 29   |       |
| Osprey                     |      |       |      | 1    | 2      |        |       |      |        |      |      |      | 1   |      |        |        | 1     | 1     |      |       |         |       | 10   | 2    |     |       |         |       | 18    | 10      | 7    |      |       |
| Mississippi Kite           |      |       |      |      |        |        | 1     |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       | 2       |       | 3     | 2       | 2    |      |       |
| Bald Eagle                 |      | 2     | 3    |      |        | 1      | 5     |      |        | 4    | 2    | 1    |     |      | 4      |        |       |       | 6    |       |         |       | 9    | 5    | 3   |       |         | 1     | 46    | 9       | 13   |      |       |
| Northern Harrier           |      |       |      |      |        |        | 5     |      |        |      |      |      |     | 1    |        |        |       |       | 1    |       |         |       |      | 1    |     |       | 2       |       | 10    | 5       | 5    |      |       |
| Sharp-shinned Hawk         |      |       |      |      | 1      | 1      |       |      |        |      |      |      |     |      |        |        |       |       | 1    | 1     |         |       | 1    | 1    | 2   |       |         |       | 1     | 9       | 2    | 8    |       |
| Cooper's Hawk              |      | 4     | 3    | 5    | 1      | 1      | 6     |      | 1      | 1    | 2    | 1    | 8   |      |        | 2      |       | 5     |      |       | 1       | 5     | 2    | 4    | 4   |       | 4       | 1     | 2     | 63      | 8    | 21   |       |
| Red-shouldered Hawk        |      | 1     | 3    | 1    | 2      | 4      | 1     |      |        | 1    | 2    | 1    |     |      |        |        | 3     | 1     | 2    |       |         |       | 4    | 1    | 10  | 13    | 1       | 4     |       | 55      | 13   | 18   |       |
| Broad-winged Hawk          |      | 1     |      |      |        |        |       |      |        |      |      | 1    |     |      |        |        | 5     | 2     |      |       |         |       | 2    |      |     |       |         |       | 11    | 5       | 5    |      |       |
| Red-tailed Hawk            | 3    | 11    | 2    | 7    | 15     | 4      | 12    | 10   |        |      | 6    | 13   | 8   |      |        | 5      | 24    | 2     | 9    | 2     | 17      | 20    | 7    | 21   | 20  | 4     | 11      | 7     | 240   | 24      | 24   |      |       |
| Rough-legged Hawk          |      |       |      |      |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |
| Golden Eagle               |      |       |      |      |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |
| American Kestrel           | 2    | 7     |      | 6    | 4      | 8      | 4     | 3    | 1      | 3    | 5    | 2    |     |      |        | 2      |       | 3     | 1    | 1     | 3       | 4     | 4    | 4    | 9   | 3     | 3       | 3     | 3     | 88      | 9    | 24   |       |
| Merlin                     |      |       |      |      |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |
| Peregrine Falcon           |      |       |      |      |        |        | 1     |      |        | 1    |      | 1    |     |      |        |        |       |       |      | 2     |         |       | 1    |      | 2   |       |         |       | 8     | 2       | 6    |      |       |
| Yellow Rail                |      |       |      |      |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |
| Black Rail                 |      |       |      |      |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |
| King Rail                  |      |       |      |      |        |        | 3     |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 3     | 3       | 1    |      |       |
| Virginia Rail              |      |       |      |      |        |        | 1     |      |        |      |      |      | 3   |      |        |        |       |       |      | 2     |         |       |      |      |     |       |         |       | 6     | 3       | 3    |      |       |
| Sora                       |      | 1     |      | 1    |        | 3      |       |      |        |      |      |      | 11  |      |        |        |       | 2     |      | 9     |         | 1     | 3    | 1    | 2   |       |         |       | 34    | 11      | 10   |      |       |
| Purple Gallinule           |      |       |      |      |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |
| Common Moorhen             |      |       |      |      |        |        | 6     |      |        |      |      |      |     | 6    |        |        |       |       |      | 1     |         | 1     | 2    | 2    |     |       |         |       | 18    | 6       | 6    |      |       |
| American Coot              | 59   | 66    |      | 1    | 5      | 146    |       |      |        |      |      |      | 2   | 26   |        |        |       |       |      | 6     |         | 12    | 42   | 127  | 1   | 6     | 1       |       | 500   | 146     | 14   |      |       |
| Sandhill Crane             |      | 2     |      | 19   |        |        |       |      |        |      |      |      | 6   | 1    |        |        |       |       | 12   |       |         |       | 9    | 2    |     |       |         |       | 51    | 19      | 7    |      |       |
| Black-bellied Plover       |      |       |      |      |        |        |       |      |        | 1    |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 1     | 1       | 1    |      |       |
| American Golden-Plover     |      |       |      |      |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |
| Semipalmated Plover        |      | 2     |      | 4    | 72     | 3      |       |      |        | 4    | 3    | 1    |     |      |        | 30     |       | 2     |      | 8     |         |       |      |      | 5   |       | 4       |       | 138   | 72      | 12   |      |       |
| Piping Plover              |      |       |      |      |        |        |       |      |        |      |      |      | 2   |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 2     | 2       | 1    |      |       |
| Killdeer                   | 29   | 61    | 1    | 4    | 30     | 45     | 70    | 41   | 6      | 5    | 8    | 10   | 45  | 34   | 1      | 19     | 4     | 70    | 8    | 26    | 28      | 35    | 43   | 34   | 77  | 23    | 19      | 39    | 17    | 832     | 77   | 29   |       |
| Black-necked Stilt         |      |       |      |      |        | 33     | 29    |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 62    | 33      | 2    |      |       |
| American Avocet            |      |       |      |      |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |
| Spotted Sandpiper          | 1    | 16    |      | 1    | 23     | 8      | 3     | 6    | 4      | 9    | 3    | 6    | 10  |      |        | 3      | 1     | 3     | 3    | 5     |         | 5     | 10   | 4    | 15  | 1     | 3       | 2     | 145   | 23      | 24   |      |       |
| Solitary Sandpiper         |      | 5     |      | 1    | 4      | 5      | 6     |      |        | 6    | 1    | 1    | 28  |      |        | 5      |       | 2     | 7    | 8     |         |       | 13   | 8    |     | 3     | 1       | 104   | 28    | 17      |      |      |       |

| Species                   | Adam | Allen | Cass | Clari | Elkhar | Gibso | Green | Hami | Howard | Jack | Jeff | John | Kos | Lake | LaPort | Lawren | Madis | Noble | Park | Porte | Randolp | St Jo | Tipp | Vanc | Vig | Warre | Warricl | Well  | White | Species | High | Cour | Count |
|---------------------------|------|-------|------|-------|--------|-------|-------|------|--------|------|------|------|-----|------|--------|--------|-------|-------|------|-------|---------|-------|------|------|-----|-------|---------|-------|-------|---------|------|------|-------|
| Greater Yellowlegs        |      |       |      |       | 2      |       | 1     |      | 3      |      |      |      |     |      |        | 1      | 4     | 1     |      |       |         | 3     | 3    | 1    |     |       |         |       | 19    | 4       | 9    |      |       |
| Willet                    |      |       |      |       | 2      |       |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 2     | 2       | 1    |      |       |
| Lesser Yellowlegs         | 1    | 3     |      |       | 17     | 22    | 19    | 4    | 4      | 11   |      | 1    | 2   |      |        | 6      |       | 8     | 5    |       |         | 16    | 1    | 22   | 3   |       |         |       | 145   | 22      | 17   |      |       |
| Upland Sandpiper          |      |       |      |       |        |       |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         | 1     |      | 1    |     |       |         |       | 2     | 1       | 2    |      |       |
| Ruddy Turnstone           |      |       |      |       | 3      |       |       |      |        |      |      |      | 3   |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 6     | 3       | 2    |      |       |
| Sanderling                |      |       |      |       |        |       |       |      |        |      |      |      | 2   |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 2     | 2       | 1    |      |       |
| Semipalmated Sandpiper    |      |       |      |       | 3      | 2     |       |      |        |      |      |      | 7   |      |        | 3      | 2     | 2     |      |       |         | 1     |      |      |     |       |         |       | 20    | 7       | 7    |      |       |
| Western Sandpiper         |      |       |      |       |        |       |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |
| Least Sandpiper           | 4    |       |      |       | 22     | 45    | 46    |      | 9      | 22   |      |      | 6   |      |        | 74     | 5     | 71    | 45   |       |         | 11    | 61   | 1    | 6   | 4     | 432     | 74    | 16    |         |      |      |       |
| White-rumped Sandpiper    |      |       |      |       |        |       |       |      |        |      |      |      | 1   |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 1     | 1       | 1    |      |       |
| Baird's Sandpiper         |      |       |      |       |        |       |       |      |        |      |      |      |     |      |        | 2      |       |       |      |       |         |       |      |      |     |       |         |       | 2     | 2       | 1    |      |       |
| Pectoral Sandpiper        |      |       |      |       | 225    | 1     | 9     | 2    | 1      |      |      |      | 4   |      |        |        |       |       | 4    |       |         |       |      | 111  | 2   |       | 6       | 365   | 225   | 10      |      |      |       |
| Purple Sandpiper          |      |       |      |       |        |       |       |      |        |      |      |      | 1   |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 1     | 1       | 1    |      |       |
| Dunlin                    |      |       |      |       | 3      | 6     |       |      | 6      |      |      |      | 2   |      | 2      | 2      | 6     |       |      |       |         | 14    | 8    |      |     |       |         | 8     | 57    | 14      | 10   |      |       |
| Stilt Sandpiper           |      |       |      |       |        |       |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |
| Short-billed Dowitcher    | 2    |       |      |       | 1      | 2     |       |      |        |      |      |      | 5   |      |        |        |       |       |      |       |         | 2     | 21   |      |     |       |         | 33    | 21    | 6       |      |      |       |
| Long-billed Dowitcher     |      |       |      |       |        |       |       |      |        |      |      |      | 2   |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 2     | 2       | 1    |      |       |
| Wilson's Snipe            | 1    |       |      |       |        |       | 1     |      |        |      |      |      | 1   |      |        |        |       |       |      |       |         | 1     | 1    |      |     |       |         | 5     | 1     | 5       |      |      |       |
| American Woodcock         | 1    |       |      |       | 1      | 6     |       |      | 1      |      |      |      | 11  |      |        |        | 2     | 1     |      |       |         | 2     | 1    | 7    | 7   |       |         | 40    | 11    | 11      |      |      |       |
| Wilson's Phalarope        |      |       |      |       |        |       |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |
| Red-Necked Phalarope      |      |       |      |       |        |       |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |
| Bonaparte's Gull          | 1    |       |      |       |        |       |       |      |        |      |      |      | 1   |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 2     | 1       | 2    |      |       |
| Laughing Gull             |      |       |      |       |        |       | 1     |      |        |      |      |      |     |      | 1      |        |       |       |      |       |         |       |      |      |     |       |         |       | 2     | 1       | 2    |      |       |
| Franklin's Gull           |      |       |      |       |        |       |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |
| Ring-billed Gull          | 2    |       |      |       | 650    |       | 2     |      |        |      |      |      | 830 |      |        |        |       |       |      | 1227  |         | 61    | 4    | 1    |     | 2     | 2,779   | 1,227 | 9     |         |      |      |       |
| Herring Gull              |      |       |      |       | 2      |       |       |      |        |      |      |      | 57  |      |        |        |       |       |      | 38    |         |       |      |      |     |       |         | 97    | 57    | 3       |      |      |       |
| Lesser Black-backed Gull  |      |       |      |       |        |       |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |
| Glaucous Gull             |      |       |      |       |        |       |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |
| Greater Black-backed Gull |      |       |      |       |        |       |       |      |        |      |      |      | 1   |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 1     | 1       | 1    |      |       |
| Least Tern                |      |       |      |       | 6      |       |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 6     | 6       | 1    |      |       |
| Caspian Tern              |      |       |      |       |        |       |       |      |        |      |      |      |     | 37   |        |        |       |       |      | 12    |         |       |      |      |     |       |         |       | 49    | 37      | 2    |      |       |
| Black Tern                |      |       |      |       |        |       |       |      |        |      |      |      |     |      |        |        |       |       |      | 1     |         |       |      |      |     |       |         |       | 1     | 1       | 1    |      |       |
| Common Tern               |      |       |      |       |        |       |       |      |        |      |      |      |     | 1    |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 1     | 1       | 1    |      |       |
| Forster's Tern            |      |       |      |       |        |       |       |      |        |      |      |      |     |      |        |        |       |       | 1    |       | 2       |       | 4    |      |     |       |         |       | 7     | 4       | 3    |      |       |
| Rock Pigeon               | 9    | 43    |      | 17    | 61     | 15    | 62    | 7    |        | 2    | 6    | 2    | 23  | 159  | 4      | 20     | 1     | 48    | 22   | 31    | 4       | 74    | 130  | 29   | 113 | 26    | 10      | 18    | 62    | 998     | 159  | 27   |       |
| Eurasian Collared Dove    |      |       |      |       |        | 19    |       |      |        |      |      |      |     | 2    |        | 10     |       |       |      |       |         |       |      |      |     |       |         |       | 31    | 19      | 3    |      |       |
| Mourning Dove             | 71   | 121   | 3    | 51    | 104    | 92    | 179   | 112  | 5      | 14   | 80   | 35   | 133 | 83   | 6      | 96     | 29    | 148   | 51   | 64    | 91      | 239   | 146  | 157  | 325 | 63    | 92      | 166   | 21    | 2,777   | 325  | 29   |       |
| Monk Parakeet             |      |       |      |       |        |       |       |      |        |      |      |      |     | 4    |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 4     | 4       | 1    |      |       |
| Yellow-billed Cuckoo      | 3    |       | 2    | 7     | 4      | 12    | 11    |      | 3      | 4    | 6    | 7    | 1   |      | 16     | 2      | 3     |       |      |       | 3       | 6     | 2    | 13   | 2   | 4     |         | 111   | 16    | 20      |      |      |       |
| Black-billed Cuckoo       | 2    |       | 2    | 4     |        |       | 1     |      |        |      |      |      | 1   |      | 3      |        | 8     |       |      |       | 7       | 2     |      | 1    |     |       |         | 31    | 8     | 10      |      |      |       |
| Barn Owl                  |      |       |      |       |        |       |       |      |        |      |      |      |     |      | 1      |        | 1     |       |      |       |         |       |      |      |     |       |         |       | 2     | 1       | 2    |      |       |
| Eastern Screech-Owl       |      |       |      |       | 2      | 1     | 2     | 1    |        |      |      |      |     |      | 4      |        |       | 2     | 1    |       |         |       | 2    | 2    |     | 2     |         |       | 19    | 4       | 10   |      |       |
| Great Horned Owl          | 1    |       |      | 2     | 2      |       |       |      |        | 1    |      |      | 5   |      | 5      |        |       |       |      | 1     |         | 1     | 2    | 2    | 3   | 1     | 4       | 1     | 31    | 5       | 14   |      |       |
| Barred Owl                | 3    |       | 3    | 2     | 3      | 10    | 8     |      | 1      | 1    |      | 1    | 5   |      | 8      | 1      | 4     | 3     | 7    |       |         | 4     | 4    | 1    | 8   | 4     | 8       | 2     | 91    | 10      | 22   |      |       |
| Long Eared Owl            |      |       |      |       |        |       |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 0     | 0       | 0    |      |       |

| Species                   | Adam | Allen | Cass | Clar | Elkhar | Gibson | Green | Hami | Howard | Jack | Jeff | John | Kos | Lake | LaPort | Lawren | Madis | Noble | Park | Porte | Randolph | St Jo | Tipp | Vanc | Vig | Warre | Warrick | Wells | White | Species | High  | Cour | Count |    |
|---------------------------|------|-------|------|------|--------|--------|-------|------|--------|------|------|------|-----|------|--------|--------|-------|-------|------|-------|----------|-------|------|------|-----|-------|---------|-------|-------|---------|-------|------|-------|----|
| Short Eared Owl           |      |       |      |      |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |          |       |      |      |     |       |         |       |       | 0       | 0     | 0    |       |    |
| No. Saw-Whet Owl          |      |       |      |      |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |          |       |      |      |     |       |         |       |       |         | 0     | 0    | 0     |    |
| Common Nighthawk          | 2    | 3     |      |      | 3      | 2      | 5     | 4    |        |      |      | 1    | 1   | 2    |        |        | 5     | 3     |      | 2     |          |       |      | 7    | 2   | 16    | 5       | 7     | 2     | 72      | 16    | 18   |       |    |
| Chuck-will's Widow        |      |       |      |      |        | 1      |       |      |        |      |      |      |     |      |        | 2      |       |       |      |       |          |       |      |      |     |       | 2       |       |       | 5       | 2     | 3    |       |    |
| Whip-poor-will            |      |       |      | 1    |        |        | 3     |      |        |      |      |      |     |      |        | 16     | 2     | 1     | 3    |       |          |       |      | 1    | 2   |       | 4       |       |       | 33      | 16    | 9    |       |    |
| Chimney Swift             | 10   | 11    | 3    | 36   | 125    | 56     | 74    | 66   | 6      | 3    | 12   | 13   | 30  | 55   |        | 84     | 30    | 34    |      |       |          | 22    | 65   | 137  | 70  | 364   | 7       | 32    | 23    | 9       | 1,377 | 364  | 26    |    |
| Ruby-throated Hummi       | 2    | 17    | 3    | 5    | 20     | 10     | 17    | 25   | 2      | 2    | 3    | 6    | 19  | 15   | 1      | 8      | 4     | 29    | 2    | 12    | 2        | 19    | 20   | 17   | 39  | 43    | 15      | 10    | 8     | 375     | 43    | 29   |       |    |
| Belted Kingfisher         |      | 9     |      |      | 5      | 2      |       | 3    |        | 2    | 2    | 4    | 2   | 2    |        | 3      | 2     | 7     | 1    | 5     |          |       | 10   | 8    | 3   | 3     | 2       | 4     | 2     | 1       | 82    | 10   | 22    |    |
| Red-headed Woodpec        | 4    | 3     |      | 4    | 7      | 2      | 21    | 6    |        | 3    | 5    | 3    | 9   | 18   | 1      | 6      |       | 15    | 10   | 15    |          | 5     | 17   | 23   | 6   | 27    | 19      | 9     | 20    | 6       | 264   | 27   | 26    |    |
| Red-bellied Woodpecl      | 9    | 54    | 1    | 31   | 44     | 15     | 52    | 64   | 4      | 10   | 14   | 15   | 54  | 27   |        | 6      | 29    | 17    | 63   | 7     | 41       |       | 8    | 86   | 56  | 46    | 90      | 20    | 28    | 16      | 5     | 912  | 90    | 29 |
| Yellow-bellied Sapsucker  |      |       |      |      |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       | 1        |       |      |      |     |       |         |       |       |         | 1     | 1    | 1     |    |
| Downy Woodpecker          | 7    | 22    | 1    | 14   | 30     | 8      | 19    | 36   | 3      | 8    | 3    | 16   | 14  | 56   | 1      | 11     | 11    | 24    | 8    | 25    |          | 12    | 44   | 28   | 28  | 35    | 25      | 20    | 20    | 10      | 539   | 56   | 29    |    |
| Hairy Woodpecker          | 1    | 6     |      | 2    | 8      | 2      | 5     | 3    | 2      | 1    | 4    | 3    | 10  | 7    |        | 5      | 2     | 7     | 2    | 10    |          | 2     | 8    | 9    | 7   | 5     | 8       | 7     | 2     | 3       | 131   | 10   | 27    |    |
| Northern Flicker          | 5    | 11    |      | 3    | 36     | 3      | 15    | 12   | 1      | 5    | 9    | 6    | 15  | 10   |        | 8      | 5     | 16    | 3    | 16    |          | 4     | 35   | 18   | 14  | 16    | 19      | 11    | 8     | 5       | 309   | 36   | 27    |    |
| Pileated Woodpecker       |      | 2     | 1    | 3    | 6      | 5      | 12    | 13   | 1      | 8    | 9    | 5    | 8   | 2    |        | 22     | 2     | 4     | 14   | 10    |          | 1     | 11   | 12   | 13  | 25    | 6       | 10    | 3     | 4       | 212   | 25   | 27    |    |
| Olive-sided Flycatcher    |      |       |      |      |        |        |       |      |        |      |      |      |     |      |        |        |       | 1     |      |       |          |       |      |      |     |       |         |       |       |         | 1     | 1    | 1     |    |
| Eastern Wood-Pewee        | 3    | 48    | 1    | 12   | 27     | 18     | 53    | 52   | 4      | 21   | 5    | 10   | 44  | 9    |        | 52     | 10    | 41    | 24   | 7     |          | 9     | 40   | 36   | 18  | 64    | 18      | 48    |       | 8       | 682   | 64   | 27    |    |
| Yellow-bellied flycatcher |      | 1     |      |      |        |        |       |      |        | 1    | 1    |      |     | 2    |        |        |       | 3     |      | 3     |          |       | 2    |      |     |       | 1       |       |       |         | 14    | 3    | 8     |    |
| Acadian Flycatcher        |      | 22    | 1    | 3    | 1      | 8      | 45    | 3    | 2      | 6    | 3    | 11   | 18  |      |        | 42     | 1     | 15    | 27   | 9     |          |       | 15   | 25   | 2   | 21    | 8       | 7     |       |         | 295   | 45   | 23    |    |
| Alder Flycatcher          |      | 5     |      |      |        |        | 1     |      |        |      |      | 5    | 3   |      |        | 1      |       | 1     |      | 2     |          |       | 6    | 2    | 1   | 1     |         | 2     |       |         | 30    | 6    | 12    |    |
| Willow Flycatcher         | 2    | 16    |      |      | 3      | 8      | 27    | 3    | 1      | 26   |      | 9    | 7   | 3    |        |        |       | 24    |      | 1     |          |       | 20   | 4    |     | 12    | 1       | 7     |       |         | 174   | 27   | 18    |    |
| Least Flycatcher          |      | 21    | 2    |      | 4      | 1      | 2     | 2    | 2      |      |      | 1    | 4   | 3    |        | 1      |       | 4     |      | 19    |          |       | 12   | 9    |     | 2     | 3       | 2     | 4     |         | 98    | 21   | 19    |    |
| Empid. Flycatcher         |      |       |      |      |        | 1      |       |      |        |      |      |      | 1   | 1    |        |        |       | 1     |      |       |          |       |      | 2    |     |       |         | 1     |       |         | 7     | 2    | 6     |    |
| Eastern Phoebe            | 1    | 13    | 1    | 16   | 15     | 10     | 15    | 22   | 3      | 10   | 9    | 9    | 19  | 17   | 3      | 12     | 1     | 40    | 16   | 20    |          | 6     | 34   | 24   | 3   | 49    | 14      | 13    | 5     | 1       | 401   | 49   | 29    |    |
| Great Crested Flycatc     | 2    | 37    | 2    | 11   | 25     | 13     | 52    | 30   | 3      | 11   | 7    | 11   | 22  | 5    |        | 25     | 14    | 52    | 17   | 20    |          | 2     | 61   | 43   | 13  | 62    | 21      | 26    | 5     | 4       | 596   | 62   | 28    |    |
| Western Kingbird          |      |       |      |      |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |          |       |      |      |     |       |         |       |       |         |       | 0    | 0     | 0  |
| Eastern Kingbird          | 3    | 10    | 1    | 19   | 18     | 35     | 57    | 23   | 2      | 88   | 17   | 12   | 21  | 10   |        | 45     |       | 30    | 29   | 24    |          | 13    | 45   | 41   | 27  | 93    | 36      | 39    | 7     | 18      | 763   | 93   | 27    |    |
| Loggerhead Shrike         |      |       |      |      |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |          |       |      |      |     |       |         |       |       |         |       | 0    | 0     | 0  |
| White-eyed Vireo          |      | 8     | 1    | 13   |        | 2      | 37    | 5    | 4      | 14   | 5    | 11   | 2   | 1    |        | 21     |       | 1     | 3    | 4     |          |       | 19   | 15   | 7   | 37    | 6       | 38    |       |         | 254   | 38   | 22    |    |
| Bell's Vireo              |      | 1     |      |      |        | 9      | 35    |      |        |      |      |      |     | 1    |        |        |       |       |      |       |          |       |      |      | 9   |       |         | 44    |       |         | 99    | 44   | 6     |    |
| Yellow-throated Vireo     |      | 9     | 1    | 2    | 6      | 2      | 13    | 11   |        | 2    | 12   | 10   | 20  | 1    |        | 15     |       | 22    | 1    | 1     |          |       | 15   | 6    | 2   | 9     | 9       | 5     |       |         | 174   | 22   | 22    |    |
| Blue-headed Vireo         |      | 1     |      |      | 2      |        |       |      |        | 1    |      |      | 3   |      |        | 1      |       | 7     |      | 23    |          |       | 3    |      |     |       | 1       |       |       |         | 42    | 23   | 9     |    |
| Warbling Vireo            | 7    | 44    |      | 6    | 43     | 5      | 47    | 43   | 8      | 18   | 1    | 13   | 44  | 13   |        | 20     |       | 61    | 13   | 15    |          |       | 82   | 34   | 6   | 83    | 23      | 13    | 9     | 12      | 663   | 83   | 25    |    |
| Philadelphia Vireo        |      | 2     |      |      | 3      | 2      | 1     | 1    |        |      |      |      |     | 2    |        | 6      |       | 2     | 3    | 2     |          |       | 1    | 5    |     | 3     | 1       | 1     | 1     | 1       | 36    | 6    | 16    |    |
| Red-eyed Vireo            |      | 78    | 1    | 22   | 27     | 25     | 63    | 61   | 7      | 23   | 10   | 23   | 28  | 10   | 2      | 103    | 6     | 50    | 21   | 50    |          | 1     | 76   | 40   | 5   | 72    | 18      | 28    | 3     | 1       | 854   | 103  | 28    |    |
| Blue Jay                  | 8    | 51    |      | 41   | 65     | 17     | 44    | 70   | 7      | 8    | 31   | 20   | 71  | 103  | 2      | 36     | 10    | 54    | 14   | 99    |          | 14    | 132  | 63   | 49  | 73    | 52      | 32    | 32    | 15      | 1,213 | 132  | 28    |    |
| American Crow             | 2    | 46    |      | 32   | 56     | 43     | 101   | 30   | 4      | 10   | 65   | 30   | 107 | 29   | 3      | 63     | 18    | 98    | 63   | 58    |          | 8     | 200  | 98   | 102 | 287   | 47      | 54    | 16    | 22      | 1,692 | 287  | 28    |    |
| Fish Crow                 |      |       |      |      |        | 2      |       |      |        |      |      |      |     |      |        |        |       |       |      |       |          |       |      |      |     |       |         |       |       |         | 5     | 7    | 5     | 2  |
| Horned Lark               | 2    | 40    |      |      | 28     | 69     | 37    | 14   | 15     |      |      |      | 21  | 4    |        | 1      |       | 24    | 5    | 4     |          | 13    | 16   | 15   | 24  | 47    | 2       | 7     | 7     | 5       | 400   | 69   | 22    |    |
| Purple Martin             | 15   | 76    | 3    | 38   | 429    | 31     | 29    | 4    |        | 1    | 60   |      | 60  | 56   | 4      | 11     |       | 585   | 31   |       |          | 13    | 6    | 4    | 188 | 34    | 18      | 28    | 2     | 7       | 1,733 | 585  | 25    |    |
| Tree Swallow              |      | 67    | 3    | 35   | 63     | 44     | 119   | 35   | 1      | 36   | 12   | 30   | 54  | 516  | 10     | 18     | 3     | 219   | 8    | 234   |          | 23    | 254  | 147  | 14  | 253   | 55      | 39    | 10    | 8       | 2,310 | 516  | 28    |    |
| Northern Rough-winged Sw  | 36   |       | 41   | 43   | 14     | 30     | 17    |      | 1      | 16   | 13   | 9    | 45  | 83   |        | 60     |       | 5     | 39   | 56    |          |       | 67   | 65   | 28  | 94    | 68      | 7     | 5     | 8       | 850   | 94   | 24    |    |
| Bank Swallow              |      | 208   |      |      | 12     |        | 19    | 3    |        |      |      |      | 35  | 26   |        | 11     |       | 7     | 7    | 29    |          |       | 6    | 42   |     | 92    | 8       |       |       |         | 505   | 208  | 14    |    |
| Cliff Swallow             |      | 51    |      |      | 9      | 20     | 8     | 37   | 2      |      | 44   |      |     | 22   |        | 38     |       | 73    | 130  | 11    |          |       | 5    | 83   |     | 378   | 115     | 47    |       |         | 1,073 | 378  | 17    |    |
| Barn Swallow              | 11   | 190   | 3    | 92   | 78     | 40     | 220   | 70   | 12     | 10   | 54   | 41   | 150 | 165  | 30     | 90     |       | 206   | 115  | 305   |          | 35    | 197  | 192  | 118 | 388   | 62      | 54    | 90    | 53      | 3,071 | 388  | 28    |    |

| Species                      | Adam | Allen | Cass | Clar | Elkhar | Gibson | Green | Hami | Howard | Jack | Jeff | John | Kost | Lake | LaPort | Lawren | Madis | Noble | Park | Porte | Randolph | St Jo | Tipp | Vanc | Vigc | Warre | Warrick | Wells | White | Species | High | Cour | Count |
|------------------------------|------|-------|------|------|--------|--------|-------|------|--------|------|------|------|------|------|--------|--------|-------|-------|------|-------|----------|-------|------|------|------|-------|---------|-------|-------|---------|------|------|-------|
| Carolina Chickadee           | 4    | 20    | 2    | 40   |        | 28     | 33    | 64   | 12     | 15   | 3    | 18   | 2    |      |        | 27     | 12    |       | 8    |       | 17       | 44    | 63   | 95   | 16   | 54    | 8       | 7     | 592   | 95      | 23   |      |       |
| Black-capped Chickadee       |      | 22    |      |      | 52     |        |       |      |        |      |      |      | 5    | 31   | 3      |        | 9     | 32    |      | 56    |          | 81    |      |      |      |       |         | 1     | 292   | 81      | 10   |      |       |
| Tufted Titmouse              | 2    | 60    | 2    | 38   | 43     | 28     | 67    | 68   | 6      | 8    | 4    | 16   | 46   | 13   |        | 37     | 19    | 40    | 26   | 65    | 7        | 71    | 51   | 76   | 136  | 34    | 46      | 12    | 8     | 1,029   | 136  | 28   |       |
| Red-breasted Nuthatch        | 2    | 1     |      |      |        |        |       |      |        |      |      |      | 1    |      |        |        |       | 26    |      | 1     |          |       |      |      |      |       |         |       | 31    | 26      | 5    |      |       |
| White-breasted Nuthatch      | 10   | 24    | 1    | 6    | 30     | 20     | 13    | 38   | 6      | 5    | 2    | 10   | 23   | 20   | 2      | 20     | 10    |       | 6    | 36    | 5        | 53    | 40   | 18   | 36   | 24    | 10      | 14    | 11    | 493     | 53   | 28   |       |
| Brown Creeper                |      | 1     |      |      |        |        |       |      |        |      |      |      | 1    |      |        |        | 1     | 2     |      | 1     |          | 1     | 1    |      |      |       |         |       | 8     | 2       | 7    |      |       |
| Carolina Wren                |      | 3     |      | 15   | 3      | 11     | 35    | 16   | 3      | 5    | 5    | 12   |      | 1    |        | 18     | 5     | 2     | 9    | 2     | 1        | 4     | 16   | 48   | 68   | 5     | 41      |       | 2     | 330     | 68   | 24   |       |
| House Wren                   | 10   | 58    | 2    | 3    | 39     | 2      | 15    | 66   | 7      | 2    | 2    | 7    | 62   | 35   | 1      | 7      | 11    | 87    | 12   | 39    | 18       | 66    | 66   | 9    | 57   | 24    | 10      | 16    | 12    | 745     | 87   | 29   |       |
| Winter Wren                  |      |       |      |      |        |        |       |      |        |      |      |      | 2    |      |        |        |       |       |      |       |          |       |      |      |      |       |         |       | 2     | 2       | 1    |      |       |
| Sedge Wren                   |      |       |      |      |        | 4      | 3     |      |        |      |      |      |      |      |        |        |       | 3     |      |       |          |       |      | 2    |      |       |         |       | 12    | 4       | 4    |      |       |
| Marsh Wren                   |      | 7     |      |      |        | 3      |       |      |        |      |      |      | 66   |      |        |        |       |       |      | 2     |          | 1     | 3    |      |      |       |         |       | 82    | 66      | 6    |      |       |
| Golden-crowned Kinglet       |      |       |      |      |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |          |       |      |      |      |       |         |       | 0     | 0       | 0    |      |       |
| Ruby-crowned Kinglet         | 1    |       |      | 2    |        | 1      |       |      |        |      |      | 1    | 4    | 8    |        |        |       | 2     |      | 9     |          | 1     |      | 1    |      |       |         |       | 30    | 9       | 10   |      |       |
| Blue-gray Gnatcatcher        | 1    | 45    | 4    | 39   | 6      | 33     | 81    | 70   | 16     | 35   | 11   | 15   | 34   | 16   |        | 30     | 8     | 76    | 16   | 53    | 9        | 30    | 64   | 23   | 123  | 40    | 66      | 6     | 7     | 957     | 123  | 28   |       |
| Eastern Bluebird             | 3    | 31    | 3    | 22   | 23     | 26     | 40    | 46   |        | 6    | 19   | 12   | 16   | 29   |        | 28     | 2     | 71    | 15   | 23    | 11       | 49    | 57   | 53   | 101  | 40    | 36      | 30    | 10    | 802     | 101  | 27   |       |
| Veery                        |      | 9     | 1    |      | 3      |        | 2     | 4    | 1      | 1    |      |      | 14   |      |        | 5      | 1     | 4     |      | 41    |          | 40    | 8    |      | 7    | 4     | 1       |       | 146   | 41      | 17   |      |       |
| Gray-cheeked Thrush          | 6    |       | 1    | 12   |        | 4      |       |      |        |      |      | 2    | 4    |      |        | 2      | 4     | 3     | 9    |       | 6        | 14    | 1    | 5    | 4    | 2     |         | 1     | 80    | 14      | 17   |      |       |
| Swainson's Thrush            |      | 45    | 1    | 17   | 33     | 6      | 52    | 30   | 2      | 1    | 1    | 11   | 7    | 14   | 4      | 85     | 5     | 12    | 24   | 105   | 5        | 107   | 32   | 9    | 47   | 12    | 5       |       | 1     | 673     | 107  | 27   |       |
| Hermit Thrush                |      |       |      | 4    |        |        |       |      |        | 1    |      |      | 7    | 1    |        |        |       |       |      |       |          | 5     |      | 2    | 2    |       |         | 1     | 23    | 7       | 8    |      |       |
| Wood Thrush                  |      | 32    | 3    | 9    | 16     | 14     | 37    | 30   | 4      | 15   | 12   | 19   | 14   | 4    |        | 55     | 4     | 26    | 13   | 21    |          | 41    | 33   | 2    | 30   | 15    | 22      | 4     |       | 475     | 55   | 25   |       |
| American Robin               | 107  | 459   | 3    | 281  | 432    | 395    | 161   | 361  | 55     | 36   | 122  | 59   | 454  | 420  | 18     | 158    | 105   | 531   | 103  | 565   | 227      | 994   | 684  | 520  | 758  | 174   | 198     | 391   | 91    | 8,862   | 994  | 29   |       |
| Gray Catbird                 | 7    | 135   | 7    | 8    | 90     | 16     | 64    | 107  | 10     | 39   | 16   | 22   | 128  | 117  | 12     | 25     | 16    | 130   | 50   | 136   | 18       | 276   | 87   | 9    | 70   | 51    | 10      | 33    | 18    | 1,707   | 276  | 29   |       |
| Northern Mockingbird         |      |       |      | 25   | 1      | 15     | 12    | 25   |        | 2    | 32   | 3    | 1    |      |        | 25     | 1     | 5     |      |       |          |       | 5    | 86   | 49   | 4     | 18      | 2     | 2     | 313     | 86   | 19   |       |
| Brown Thrasher               | 6    | 11    |      | 11   | 11     | 26     | 40    | 16   | 1      | 20   | 20   | 17   | 4    | 8    |        | 23     |       | 18    | 22   | 12    | 10       | 19    | 22   | 12   | 47   | 13    | 7       | 15    | 5     | 416     | 47   | 26   |       |
| European Starling            | 309  | 309   | 2    | 307  | 268    | 273    | 175   | 274  | 50     | 14   | 167  | 82   | 347  | 297  | 4      | 132    | 80    | 302   | 125  | 160   | 459      | 557   | 465  | 747  | 953  | 256   | 259     | 749   | 30    | 8,152   | 953  | 29   |       |
| American Pipit               |      | 3     |      |      |        |        |       |      |        |      |      |      | 1    |      |        |        |       |       |      |       |          |       |      |      |      |       |         |       | 4     | 3       | 2    |      |       |
| Cedar Waxwing                | 3    | 46    | 1    | 26   | 41     | 19     | 58    | 50   | 11     | 49   | 26   | 12   | 19   | 6    |        | 84     | 32    | 8     | 62   |       | 78       | 36    | 35   | 194  | 11   | 58    | 10      | 1     | 976   | 194     | 26   |      |       |
| Blue-winged Warbler          | 3    |       | 3    | 4    |        | 13     | 1     |      |        | 2    | 4    | 1    | 2    |      |        | 12     |       | 10    | 2    | 4     |          | 13    | 5    |      | 1    | 1     |         |       | 81    | 13      | 17   |      |       |
| Golden-winged Warbler        |      |       |      |      |        |        |       |      |        | 1    | 1    | 1    | 4    |      |        |        |       |       |      | 5     |          | 1     |      |      |      |       |         |       | 13    | 5       | 6    |      |       |
| Tennessee Warbler            | 2    | 57    |      | 11   | 14     | 4      | 27    | 38   | 4      | 7    | 2    | 1    | 21   | 24   |        | 35     |       | 15    | 21   | 110   |          | 90    | 43   | 9    | 52   | 29    | 20      |       | 10    | 646     | 110  | 24   |       |
| Orange-crowned Warbler       |      |       |      | 1    |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      | 2     |          | 1     | 1    | 1    | 1    |       |         |       | 7     | 2       | 6    |      |       |
| Nashville Warbler            | 18   |       | 2    | 3    |        | 3      | 3     |      | 2      | 1    |      | 2    | 10   | 13   |        | 4      |       | 5     |      | 21    |          | 19    | 6    | 1    | 23   | 4     |         | 1     | 141   | 23      | 19   |      |       |
| Northern Parula              | 19   |       | 5    | 1    | 17     | 26     | 36    |      | 2      | 11   | 2    | 8    | 15   | 1    | 1      | 26     | 2     | 7     | 8    | 13    |          | 5     | 21   | 5    | 43   | 5     | 34      |       | 313   | 43      | 24   |      |       |
| Yellow Warbler               | 5    | 95    | 3    |      | 79     | 9      | 58    | 40   | 4      | 8    | 2    | 21   | 133  | 60   | 15     | 19     |       | 192   | 18   | 105   | 8        | 391   | 36   |      | 52   | 20    | 13      | 28    | 2     | 1,416   | 391  | 26   |       |
| Chestnut-sided Warbler       | 23   |       | 6    | 11   | 1      | 1      | 4     | 5    |        |      |      |      | 14   | 11   | 1      |        |       | 1     | 3    | 34    |          | 24    | 13   |      | 3    | 6     |         | 2     | 2     | 165     | 34   | 19   |       |
| Magnolia Warbler             | 57   |       | 3    | 9    | 8      | 3      | 5     | 4    | 1      |      | 1    | 7    | 58   |      |        | 4      | 3     | 7     | 2    | 63    |          | 22    | 14   | 3    | 9    | 15    | 4       |       | 2     | 304     | 63   | 23   |       |
| Cape May Warbler             | 5    |       |      | 1    |        | 1      |       |      |        |      |      | 2    |      |      |        | 1      |       | 4     |      | 13    |          | 4     | 3    |      | 1    | 3     |         |       | 38    | 13      | 11   |      |       |
| Black-throated Blue Warbler  | 1    |       |      |      |        |        |       |      | 1      |      |      | 1    | 3    |      |        |        |       | 2     |      | 2     |          | 4     |      |      |      |       |         |       | 14    | 4       | 7    |      |       |
| Yellow-rumped Warbler        | 6    |       | 2    | 6    | 5      | 17     | 5     | 1    | 5      | 1    | 3    | 5    | 41   |      |        | 5      | 1     | 4     |      | 40    |          | 56    | 8    |      | 4    | 7     | 1       | 2     | 1     | 226     | 56   | 23   |       |
| Black-throated Green Warbler | 18   | 1     | 1    | 5    |        | 1      | 3     |      |        |      |      | 2    | 13   |      |        | 3      |       | 5     |      | 31    |          | 18    | 4    | 3    | 6    | 5     |         | 1     | 120   | 31      | 17   |      |       |
| Blackburnian Warbler         | 12   |       |      | 1    | 3      | 2      |       |      | 1      | 3    |      | 1    | 7    |      |        | 4      | 3     | 1     |      | 8     |          | 8     | 4    |      | 2    |       |         | 1     | 61    | 12      | 16   |      |       |
| Yellow-throated Warbler      | 6    | 1     | 1    | 4    | 6      | 11     | 15    |      | 1      | 4    | 6    | 9    | 14   |      |        | 22     | 1     | 1     | 5    | 2     |          |       | 4    | 3    | 25   | 2     | 18      | 1     |       | 162     | 25   | 23   |       |
| Pine Warbler                 |      |       |      | 1    |        | 6      |       |      |        | 1    |      | 1    |      |      |        | 15     |       |       |      | 1     |          |       | 3    | 1    |      |       | 7       |       | 36    | 15      | 9    |      |       |
| Kirtland's Warbler           |      |       |      |      |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |          |       |      |      |      | 1     |         |       | 1     | 1       | 1    |      |       |
| Prairie Warbler              |      |       |      | 12   |        | 25     | 1     |      |        | 3    | 13   | 11   |      |      |        | 11     |       |       | 2    | 1     |          |       |      |      | 15   |       | 27      |       | 121   | 27      | 11   |      |       |
| Palm Warbler                 |      | 3     |      |      | 2      | 8      | 4     |      | 1      |      |      |      | 4    | 56   | 1      |        |       | 2     |      | 20    |          | 13    | 1    |      | 2    | 4     |         | 1     | 122   | 56      | 15   |      |       |
| Bay-breasted Warbler         |      | 8     |      | 12   | 2      |        | 3     | 3    | 3      |      |      | 1    | 5    |      |        | 3      |       | 1     |      | 17    |          | 10    | 2    |      | 1    | 8     | 2       |       | 81    | 17      | 16   |      |       |
| Blackpoll Warbler            | 1    | 11    |      | 2    | 3      | 3      | 36    | 52   | 6      | 1    | 1    | 8    | 5    | 15   | 2      | 53     |       | 7     | 11   | 10    |          | 41    | 18   | 1    | 24   | 8     | 9       | 1     | 6     | 335     | 53   | 26   |       |
| Cerulean Warbler             |      |       |      | 1    |        | 12     | 1     |      |        | 1    | 1    |      | 6    |      |        | 5      | 1     | 12    | 4    | 9     |          |       | 3    |      | 2    | 2     |         |       | 60    | 12      | 14   |      |       |
| Black-and-white Warbler      | 12   |       | 1    | 1    | 2      | 1      | 2     |      |        |      |      |      | 1    | 13   |        | 2      | 1     | 3     | 1    | 38    |          | 15    | 10   |      | 3    | 4     | 1       | 1     | 112   | 38      | 19   |      |       |
| American Redstart            |      | 46    | 3    | 1    | 19     | 14     | 7     | 9    | 7      | 10   | 2    | 6    | 36   | 87   | 14     | 7      |       | 24    | 7    | 156   |          | 91    | 36   | 3    | 56   | 16    | 5       |       | 5     | 667     | 156  | 25   |       |
| Prothonotary Warbler         |      | 1     |      |      | 5      | 5      | 14    | 9    |        | 11   |      | 2    | 3    |      | 1      | 9      | 1     | 11    |      | 3     | 1        |       | 6    | 3    | 12   | 1     | 36      |       | 134   | 36      | 19   |      |       |
| Worm-eating Warbler          |      |       |      | 1    |        | 8      |       |      |        |      |      | 1    | 1    |      |        | 24     |       |       | 3    |       |          |       |      |      | 1    | 1     | 2       |       | 42    | 24      | 9    |      |       |
| Swainson's Warbler           |      |       |      |      |        |        |       |      |        |      |      |      |      |      |        |        |       |       |      |       |          |       |      |      |      |       |         |       |       |         |      |      |       |

| Species                | Adam | Allen | Cass | Clark | Elkhar | Gibson | Green | Hami | Howard | Jack | Jeff | Johr | Kos | Lake | LaPort | Lawren | Madis | Noble | Park | Porte | Randolp | St Jo | Tipp | Vanc | Vig | Warre | Warricl | Wellk | White | Species | High  | Cour | Count |
|------------------------|------|-------|------|-------|--------|--------|-------|------|--------|------|------|------|-----|------|--------|--------|-------|-------|------|-------|---------|-------|------|------|-----|-------|---------|-------|-------|---------|-------|------|-------|
| Northern Waterthrush   | 3    |       |      | 4     | 2      | 1      | 4     |      |        |      |      |      | 2   | 6    |        |        | 1     | 2     | 5    | 23    |         | 7     | 7    | 1    | 1   | 3     |         |       | 72    | 23      | 16    |      |       |
| Louisiana Waterthrush  | 1    | 1     | 2    |       | 1      | 13     | 2     |      |        |      |      |      | 1   | 1    | 1      |        | 7     |       | 2    | 5     |         | 3     | 8    | 2    | 1   | 1     |         |       | 52    | 13      | 17    |      |       |
| Kentucky Warbler       |      | 2     | 6    |       | 13     | 45     |       |      | 7      | 5    | 3    | 2    | 3   |      |        |        | 33    | 1     | 8    | 1     |         | 1     | 13   |      | 9   | 9     | 21      |       | 182   | 45      | 18    |      |       |
| Connecticut Warbler    |      | 2     |      |       |        |        | 3     |      |        |      |      |      | 1   | 1    | 1      |        |       |       |      |       |         | 1     | 1    |      |     |       |         |       | 10    | 3       | 7     |      |       |
| Mourning Warbler       |      | 11    |      |       |        | 1      | 5     |      |        |      |      |      |     | 2    |        |        |       | 1     | 1    | 5     |         | 3     |      |      |     | 4     | 2       |       | 35    | 11      | 10    |      |       |
| Common Yellowthroat    | 12   | 71    | 3    | 20    | 67     | 62     | 249   | 82   | 5      | 25   | 19   | 22   | 114 | 71   |        |        | 59    | 130   | 24   | 87    | 1       | 128   | 104  | 15   | 154 | 51    | 85      | 19    | 13    | 1,692   | 249   | 27   |       |
| Hooded Warbler         |      |       |      | 4     |        | 5      |       |      | 1      | 1    | 1    |      |     | 2    |        |        | 24    | 3     | 1    | 10    |         | 10    |      |      |     | 1     |         |       | 63    | 24      | 12    |      |       |
| Wilson's Warbler       |      | 20    |      | 2     |        |        | 2     | 8    | 1      |      | 2    | 1    | 4   | 2    | 2      |        | 5     | 5     |      |       |         | 11    |      |      | 4   |       |         | 1     | 70    | 20      | 15    |      |       |
| Canada Warbler         |      | 9     |      | 4     | 3      |        | 1     | 5    |        |      | 1    | 4    | 3   | 1    | 1      |        |       | 1     | 7    |       |         | 13    | 1    |      | 4   | 3     |         | 1     | 62    | 13      | 17    |      |       |
| Yellow-breasted Chat   |      | 3     | 7    |       | 23     | 36     | 5     | 1    | 8      | 12   | 9    | 4    |     |      |        |        | 16    | 2     | 8    |       |         | 13    | 4    | 4    | 24  | 4     | 34      |       | 217   | 36      | 19    |      |       |
| Eastern Towhee         |      | 14    | 2    | 28    | 26     | 22     | 55    | 12   | 2      | 19   | 16   | 18   | 10  | 35   |        |        | 37    | 27    | 12   | 51    | 1       | 90    | 35   | 19   | 85  | 17    | 36      | 4     | 1     | 674     | 90    | 26   |       |
| American Tree Sparrow  |      |       |      |       |        |        |       |      |        |      |      |      |     | 3    |        |        | 5     |       |      |       |         |       |      |      |     |       |         |       | 8     | 5       | 2     |      |       |
| Chipping Sparrow       | 42   | 77    | 1    | 10    | 48     | 39     | 51    | 81   | 13     | 2    | 12   | 18   | 68  | 32   |        | 8      | 40    | 23    | 143  | 86    | 80      | 58    | 163  | 104  | 43  | 219   | 54      | 35    | 36    | 6       | 1,592 | 219  | 29    |
| Clay-colored Sparrow   |      |       |      |       |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       | 0       | 0     | 0    |       |
| Field Sparrow          | 6    | 47    | 3    | 13    | 26     | 16     | 125   | 52   | 3      | 11   | 13   | 15   | 49  | 16   |        |        | 27    | 75    | 11   | 12    | 14      | 70    | 57   | 20   | 77  | 32    | 47      | 8     | 3     | 848     | 125   | 27   |       |
| Vesper Sparrow         |      | 6     |      | 4     |        | 1      | 2     |      |        |      |      |      | 4   | 3    |        |        |       |       | 5    | 3     |         | 1     | 6    | 3    | 3   |       |         |       | 41    | 6       | 12    |      |       |
| Lark Sparrow           |      |       |      |       |        |        | 1     |      |        |      |      |      |     |      |        |        |       |       | 7    |       | 1       |       | 4    | 9    |     |       |         |       | 22    | 9       | 5     |      |       |
| Savannah Sparrow       | 2    | 15    |      | 11    | 5      | 13     | 25    | 5    | 1      |      | 3    | 16   | 14  |      |        |        | 6     | 18    | 2    | 22    |         | 8     | 17   | 6    | 3   | 5     |         | 197   | 25    | 20      |       |      |       |
| Grasshopper Sparrow    | 3    |       | 3    | 37    | 31     | 18     |       |      |        |      |      |      | 1   |      |        |        | 3     | 3     | 2    | 1     |         | 1     | 26   |      | 36  | 3     | 23      | 1     | 192   | 37      | 16    |      |       |
| Henslow's Sparrow      |      |       |      |       | 112    | 23     |       |      |        | 5    | 7    |      |     |      |        |        | 8     | 5     |      |       |         |       |      |      | 26  | 1     | 6       |       | 193   | 112     | 9     |      |       |
| Fox Sparrow            |      |       |      |       |        |        |       |      |        |      |      |      | 2   |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       | 2     | 2       | 1     |      |       |
| Song Sparrow           | 17   | 78    | 3    | 18    | 60     | 36     | 97    | 96   | 5      | 12   | 24   | 22   | 85  | 80   | 5      | 34     | 14    | 116   | 34   | 65    | 20      | 226   | 84   | 64   | 154 | 19    | 52      | 40    | 8     | 1,568   | 226   | 29   |       |
| Lincoln's Sparrow      | 2    |       |      |       |        |        |       |      |        |      |      |      | 2   |      |        |        |       |       |      |       | 7       |       | 1    | 4    |     | 1     |         |       | 17    | 7       | 6     |      |       |
| Swamp Sparrow          | 7    |       |      | 1     |        | 1      |       |      |        |      |      |      | 4   | 16   |        |        |       |       | 1    | 18    |         | 1     | 1    | 2    | 1   |       |         |       | 53    | 18      | 11    |      |       |
| White-throated Sparrow | 1    | 5     | 1    |       | 5      |        |       |      | 4      |      |      |      | 5   | 39   | 1      |        |       |       | 3    | 24    | 1       | 11    | 2    | 1    | 1   | 1     |         |       | 105   | 39      | 16    |      |       |
| Harris' Sparrow        |      |       |      |       |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       | 0       | 0     | 0    |       |
| White-crowned Sparrow  | 7    | 7     |      | 27    |        |        | 3     | 1    | 1      |      |      |      | 11  | 51   | 3      |        | 1     | 8     | 1    | 30    | 4       | 36    | 6    |      | 2   | 6     | 4       | 11    | 220   | 51      | 20    |      |       |
| Dark-eyed Junco        |      |       |      |       |        |        |       |      |        |      |      |      | 2   |      |        |        | 1     |       |      |       |         |       |      |      |     |       |         |       |       | 3       | 2     | 2    |       |
| Summer Tanager         |      | 3     | 15   |       | 14     | 17     | 2     | 1    | 3      | 9    | 4    | 1    |     |      |        |        | 11    |       | 6    | 4     |         |       | 3    | 6    | 10  | 4     | 29      |       | 142   | 29      | 18    |      |       |
| Scarlet Tanager        |      | 5     | 1    | 6     | 12     | 7      | 28    | 17   |        | 2    | 3    | 3    | 19  | 5    | 2      | 58     | 1     | 9     | 20   | 15    |         | 28    | 28   | 1    | 21  | 13    | 7       | 3     | 3     | 317     | 58    | 26   |       |
| Northern Cardinal      | 18   | 149   | 3    | 89    | 155    | 95     | 150   | 136  | 19     | 65   | 89   | 44   | 177 | 126  | 6      | 64     | 57    | 158   | 47   | 119   | 31      | 362   | 148  | 257  | 500 | 69    | 152     | 34    | 21    | 3,340   | 500   | 29   |       |
| Rose-breasted Grosbeak | 1    | 32    |      | 3     | 69     |        | 7     | 16   | 2      | 4    |      | 1    | 53  | 49   | 15     | 5      |       | 57    | 4    | 58    |         | 116   | 27   | 9    | 13  | 38    | 1       | 2     | 6     | 588     | 116   | 24   |       |
| Black-headed Grosbeak  |      |       |      |       |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0     | 0    | 0     |
| Blue Grosbeak          |      |       |      | 1     |        | 29     | 27    |      |        |      |      |      | 1   | 1    |        |        | 7     |       | 1    |       |         |       |      |      | 8   | 15    |         | 13    |       | 103     | 29    | 10   |       |
| Indigo Bunting         | 6    | 87    |      | 58    | 51     | 134    | 204   | 148  | 6      | 32   | 80   | 24   | 85  | 20   | 6      | 135    | 5     | 64    | 111  | 54    | 11      | 104   | 105  | 78   | 275 | 91    | 225     | 45    | 11    | 2,255   | 275   | 28   |       |
| Dickcissel             | 5    |       |      |       | 122    | 150    | 15    |      |        |      |      |      | 11  |      |        |        | 15    |       | 9    | 4     | 1       |       | 48   | 8    | 99  | 17    | 66      | 15    |       | 585     | 150   | 15   |       |
| Bobolink               |      | 18    |      |       | 11     |        | 7     | 3    | 1      |      |      | 30   | 16  | 13   |        |        | 10    | 7     | 3    | 7     | 1       | 15    | 22   | 3    | 8   | 5     | 3       | 7     | 6     | 196     | 30    | 21   |       |
| Red-winged Blackbird   | 103  | 736   | 2    | 94    | 382    | 431    | 790   | 385  | 21     | 50   | 77   | 115  | 865 | 515  | 20     | 129    | 19    | 535   | 157  | 379   | 354     | 780   | 608  | 309  | 683 | 359   | 443     | 359   | 77    | 9,777   | 865   | 29   |       |
| Eastern Meadowlark     | 9    | 33    |      | 25    | 25     | 41     | 131   | 45   |        | 8    | 22   | 10   | 25  | 4    |        | 49     | 2     | 37    | 5    | 20    | 11      | 16    | 40   | 34   | 100 | 35    | 42      | 13    | 10    | 792     | 131   | 26   |       |
| Western Meadowlark     |      |       |      |       |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      | 1   |       |         |       |       | 1       | 1     | 1    |       |
| Rusty Blackbird        |      |       |      |       |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0     | 0    | 0     |
| Brewer's Blackbird     | 2    |       |      |       |        |        |       |      |        |      |      |      |     |      |        |        | 1     |       |      |       |         |       |      |      |     |       |         |       |       | 3       | 2     | 2    |       |
| Common Grackle         | 73   | 309   | 10   | 138   | 202    | 187    | 232   | 202  | 19     | 33   | 149  | 61   | 217 | 88   | 14     | 81     | 20    | 218   | 152  | 171   | 192     | 544   | 188  | 292  | 641 | 105   | 122     | 342   | 41    | 5,043   | 641   | 29   |       |
| Brown-headed Cowbird   | 23   | 174   | 1    | 89    | 80     | 70     | 75    | 78   | 4      | 34   | 14   | 30   | 88  | 172  | 6      | 62     | 23    | 106   | 65   | 123   | 22      | 165   | 194  | 90   | 139 | 78    | 46      | 49    | 32    | 2,132   | 194   | 29   |       |
| Orchard Oriole         | 1    | 5     | 1    | 4     | 16     | 8      | 47    | 11   | 1      | 3    | 3    | 5    | 2   | 2    |        | 34     |       | 11    | 8    | 1     |         | 9     | 29   | 1    | 35  | 15    | 11      | 2     | 8     | 273     | 47    | 26   |       |
| Baltimore Oriole       | 4    | 72    | 5    | 23    | 121    | 12     | 36    | 76   | 8      | 4    | 16   | 16   | 84  | 63   | 8      | 15     | 15    | 115   | 26   | 53    | 21      | 157   | 83   | 6    | 94  | 54    | 14      | 42    | 21    | 1,264   | 157   | 29   |       |
| Purple Finch           |      |       |      |       | 1      |        |       |      |        |      |      |      | 1   | 3    |        |        |       |       |      |       |         |       | 1    |      |     | 5     |         |       |       | 11      | 5     | 5    |       |
| House Finch            | 9    | 31    | 1    | 14    | 39     | 39     | 14    | 37   | 4      | 2    | 13   | 7    | 11  | 77   |        | 6      | 13    | 21    | 2    | 23    | 12      | 62    | 41   | 37   | 70  | 25    | 14      | 36    | 8     | 668     | 77    | 28   |       |
| White-winged Crossbill |      |       |      |       |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0     | 0    | 0     |
| Pine Siskin            |      |       |      | 1     |        |        |       |      |        |      |      |      | 2   |      |        |        |       |       |      |       | 1       |       |      |      |     |       |         |       |       | 4       | 2     | 3    |       |
| American Goldfinch     | 25   | 113   | 3    | 58    | 123    | 49     | 111   | 137  | 16     | 39   | 26   | 27   | 67  | 137  | 4      | 118    | 17    | 134   | 53   | 192   | 49      | 235   | 149  | 71   | 221 | 118   | 53      | 76    | 25    | 2,446   | 235   | 29   |       |
| Evening Grosbeak       |      |       |      |       |        |        |       |      |        |      |      |      |     |      |        |        |       |       |      |       |         |       |      |      |     |       |         |       |       |         | 0     | 0    | 0     |
| House Sparrow          | 74   | 308   | 3    | 20    | 157    | 77     | 50    | 109  | 14     | 1    | 9    | 16   | 133 | 188  | 2      | 65     | 66    | 327   | 60   | 56    | 255     | 218   | 140  | 189  | 378 | 94    | 120     | 210   | 63    | 3,402   | 378   | 29   |       |
| Total Species          | 72   | 154   | 61   | 107   | 142    | 131    | 161   | 127  | 91     | 114  | 94   | 111  | 130 | 173  | 52     | 142    | 70    | 143   | 114  | 160   | 64      | 146   | 153  | 105  | 167 | 135   | 128     | 81    | 96    | 236     |       |      |       |

