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Back cover photo: Scarce this year: Black-billed Cuckoo, *Lake*, 30 June 2012, photo by Michael Topp

CLASSES OF MEMBERSHIP IN THE INDIANA AUDUBON SOCIETY

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Editor's Notes:

Just a few items as we head into the Christmas and cold-weather birding season.

We had a couple of long-time IAS members and bird enthusiasts pass away this year: Billie Rakestraw of Rochester and Virginia Esten of Indianapolis. It is important to salute these women people who helped build IAS into what it is today.

Wilodean "Billie" Rakestraw, 88, Wynnfield Crossing, Rochester, passed away Oct. 17, 2012 at Lutheran Hospital, Fort Wayne. She was born on July 19, 1924 in Wabash, the daughter of Claude W. and Eva Virginia (Kessler) Weimer. On Dec. 25, 1943 in Wabash County, she married Frederick E. Rakestraw. He preceded her in death on Aug. 18, 2004. Mrs. Rakestraw received her Bachelor's Degree from Indiana University. After many years of being a homemaker and raising her children, she went back to school, earning a Master's Degree from Indiana University. Upon completion of her graduate work, she started her career as a science teacher at Rochester Middle School that spanned twenty five years. In her spare time, she was an avid bird watcher and appreciated classical music. She spent much time traveling across the country and world, sighting numerous species of birds and enjoying numerous concerts. Memorial contributions may be made to First Christian Church or the donor's favorite charity.

Virginia "Jinny" Esten died on August 27, 2012 at the age of 87. Jinny was a teacher of biology and outdoor education for over 40 years. Graduating Magna cum Laude from Butler University, she later was granted a Master's Degree from the University of Michigan. Jinny graduated from two leadership training programs at the American Youth Foundation Camp Miniwanca, latter becoming an instructor, counselor, and class mentor. She was well-known as an ornithologist and a camping professional. Jinny helped introduce and maintain the outdoor phase of biology wherever she taught. Exploring six continents to study birds, flora, and other fauna, she continually enriched her life and those of her students. As a military historian, she enjoyed engaging in war games with the military miniature figures from her extensive hand-painted collection. With this background, Jinny served as chairman of the Uniform Section of the National Button Society. Since 1935, Jinny has served in many leadership capacities as a member of Camp Fire, Inc. (formerly Camp Fire Girls) including Camp director and president of the Board of Directors. She was a member of the Indiana Academy of Science, Company of Military Historians, Great Lakes War-gamers Coalition, and the National Center for Great Lakes Native American Culture. She was a life-long member of the Indiana Audubon Society. Contributions may be made in her name to the Indiana Audubon Society, Mary Gray Bird Sanctuary or to the National Center for Great Lakes Native American Culture (NCGLNAC). She is survived by her companion, Sharon A. Kidwell, and her dear friends, Judy Lorenz Tisdale, Carole Notaras, and their daughters. A Memorial Open House will be held on October 7, 2012 from 1:00 p.m. to 5:00 p.m. at 5475 N. Capital Ave., Indianapolis, IN 46208 (317-257-3833). Friends may leave a message of condolence by visiting: <http://www.arncremation.com>.

A final note regarding a letter from Russ Mumford a year ago regarding Nelson's Sparrow subspecies' status in Indiana. I was saving this for the "right time"- Sorry, Russ, this was mostly procrastination. I still haven't made it to the Museum of Natural History to investigate. Russ reports that he collected 9 specimens of this species in Indiana from 1952-1958. The species was then called Sharp-tailed Sparrow and Russ never got a reply back on subspecies. I will be

contacting the Field Museum to look into this further. Thanks to Russ for adding to our knowledge base and having the specimen numbers ready! If anyone else is interested in pursuing this matter, please contact me.

Summer 2012 Field Notes:

The summer of 2012 was extremely hot and dry. Several 103 degree days were recorded during the 4th of July holiday period. Rainfall was well below normal across much of Indiana, leaving shorebird habitat greatly reduced in most locations. However, these extremely low water levels created odd foraging spots in some cases.

The drought resulted in a number of unusually high congregations of species such as Wood Duck and Great Egret. It was a fairly quiet summer as far as rarities go.

Notable sightings included two Neotropical Cormorant reports, Glossy Ibis, Western Sandpiper, Laughing Gull, Swallow-tailed Kite and five Western Kingbirds.

David Ayer

Abbreviations:

CBC = Christmas Bird Count
FWA = Fish & Wildlife Area
NWR = National Wildlife Refuge
SP = State Park
SF = State Forest
SRA = State Recreation Area

2012 Summer Field Notes

Wood Duck 206 observed at Goose Pond, *Greene*, on 11 June (Lee Sterrenburg). 212 individuals observed at Grant St. Wetland, *Lake*, on 1 July (Matt Kalwasinski).

American Black Duck Single individual observed at Grant St. Wetland, *Lake*, on 7/7 (Ken Brock).

Northern Shoveler 2 observed at Eagle Marsh, *Allen*, on 6/1 (Roger Rang). Single individual observed at Celery Bog, *Tippecanoe*, on 6/2 (John Skene). 8 observed at Eagle Marsh, *Allen*, on 6/3 (Jim Haw). Single bird observed at Eagle Marsh, *Allen*, on 6/4 (Roger Rang). Single individual observed at Grant St. Wetland, *Lake*, on 7/1 (Matt Kalwasinski). 2 observed at Willow Slough, *Newton*, on 7/29 (Jed Hertz).

Green-winged Teal Single male observed at Salamonie Lake, *Wabash*, on 6/3 (Jim Haw). 3

individuals observed at Grant St. Wetland, *Lake*, on 7/7 (Ken Brock). Single male observed at Eagle Marsh, *Allen*, on 7/22 (Jim Haw).

Redhead Single individual observed at Grant St. Wetland, *Lake*, on 6/13 (Matt Kalwasinski). Single individual observed at Grant St. Wetland, *Lake*, on 7/7 (Ken Brock).

Ring-necked Duck Single individual observed at Celery Bog, *Tippecanoe*, on 6/3 (Kevin Wyckoff) and was still there on 7/28 (Ed Hopkins).

Lesser Scaup Single individual observed at Celery Bog, *Tippecanoe*, on 6/1 (Matt Hale). Single individual observed at Willow Slough FWA, *Newton*, on 6/6 (Jed Hertz).

Hooded Merganser 4 including 3 young observed at Patoka NWR, *Gibson*, on 6/2 (Lee Sterrenburg).

Red-breasted Merganser A single bird observed at Big Chapman Lake, *Kosciusko*, on 6/4 was a county first summer record. (John Kendall). Two estimated 4-week old juveniles were observed at Wolf Lake, *Lake*, 8 June by Carolyn Marsh were perhaps the first Indiana breeding record. 6 observed and photographed by Matt Kalwasinski and the Gyllehnal brothers there on 8 July constituted Indiana's highest summer count in 28 years (Matt Kalwasinski).

Ruddy Duck 4 observed at Cane Ridge, *Gibson*, on 6/6(Amy Kearns). Single individual observed near Thorntown, *Allen*, 6/16(Roger Hedge). 10 observed at Lake Gibson, *Gibson*, on 6/25(Chuck Mills).

Common Loon 5 birds observed at Big Chapman Lake, *Kosciusko*, on 6/4(John Kendall). Single individual observed at Miller Beach, *Lake*, on 6/29(Michael Topp).

Horned Grebe Single individual observed at Pokagon SP, *Steuben*, on 6/2 through at least 6/12(Fred Wooley). Single individual observed at Eagle Marsh, *Allen*, on 6/13(Ed Powers).

American White Pelican Single individual observed near Lebanon, *Boone*, on 6/1(Roger Hedge) and was present to at least 6/5. Single individual observed at Forsythe Park, *Lake*, on 7/17 and 7/21(Matt Kalwasinski).

Neotropic Cormorant Single individual observed near the Hammond Marina, *Lake*, on 6/7(Amar Ayyash). Single individual reported from the Great Miami Oxbow, *Dearborn*, on 7/30(Steve Kolbe) and still present on 7/31(Joe Bens).

Least Bittern Birds present at Willow Slough, *Newton*, throughout the period with high a count of 5 including two juveniles coming on 7/29 (Jed Hertz). Least Bitterns were reported at Goose Pond, *Green*, throughout the period. The high counts of 3 first occurred on 6/21(Roger Hedge).

It happened again on 7/24 and 7/29(Lee Sterrenburg). Single individual observed at Celery Bog, *Tippecanoe*, on 6/2(John Skene). Single individual observed near Orland, *Steuben*, on 6/14(Jim Haw).

American Bittern American Bitterns were once again present at Goose Pond, *Greene*, throughout the period. The high count of 4 occurred on 7/1(Peter Scott). Single individual observed at Willow Slough FWA, *Newton*, on 6/6(Jed Hertz). 2 observed at Kankakee Sands, *Newton*, on 7/17(Ann Marie Ackermann). 2 observed near Goshen, *Elkhart*, on 7/18(Melissa Kinsey). Single individual observed at Kankakee Sands, *Newton*, on 7/21(Josh Hill).

Great Egret Great Egrets were present in high numbers at Goose Pond, *Greene*, through the period. A new June high of 109 occurred on 6/4 (Lee Sterrenburg). The summer high of 464 happened on 7/16(Lee Sterrenburg). Egrets were also present at Grant St. Wetland, *Lake*, throughout the period. The high count of 317 occurred, on 7/6(Matt Kalwasinski)

Snowy Egret A record 28 were reported (Ken Brock). Single individual observed at Beehunter Marsh, *Greene*, on 6/11(Bob Decker). 1 observed at Goose Pond, *Greene*, on 6/11(Lee Sterrenburg). Single individual observed at Grant St. Wetland, *Lake*, on 6/12(John Kendall). 323 observed at Goose Pond, *Greene*, on 6/20(Lee Sterrenburg). 2 individuals observed at Grant St. Wetland, *Lake*, on 7/1(Ed Hopkins). Single individual observed at Grant St. Wetland, *Lake*, on 7/15(Matt Kalwasinski). Single individual observed at Forsythe Park, *Lake*, on 7/17(Matt Kalwasinski). 2 observed at Wolf Lake, *Lake*, on 7/24(Ken Brock). 3 observed at Cane Ridge, *Gibson*, on 7/28(John Pohl). Single individual observed at Grant St. Wetland, *Lake*, on 7/28(Leland Shaum). 3 observed at Goose Pond, *Greene*, on 7/27 and 7/29(Michael Brown). 13 observed at Gibson Lake, *Gibson*, on 7/31(Steve Gifford). Single individual observed at Geist

Reservoir, *Marion*, on 7/31(Clint Kiehl). Single individual observed at Great Miami Oxbow, *Dearborn*, on 7/31(Joe Bens).

Little Blue Heron Single individual observed at Goose Pond, *Greene*, on 6/1(Jim Hengeveld). 4 observed at Goose Pond, *Greene*, on 6/3(Lee Sterrenburg). 1 individual observed at Grant St. Wetland, *Lake*, on 6/8(Michael Topp). 2 observed at Goose Pond, *Greene*, on 6/20(Lee Sterrenburg). Single individual observed at Grant St. Wetland, *Lake*, on 7/1(Matt Kalwasinski). 5 observed at Lake Lemon, *Monroe*, on 7/26(Jim Hengeveld).

Black-crowned Night-heron Birds were reported from Goose Pond throughout the period. The high count of 25 occurred on 7/1(Peter Scott). 1 observed at Cane Ridge, *Gibson*, on 6/6(Amy Kearns). 2 individuals reported in downtown Indianapolis, *Marion*, on 6/9(Tom Swinford). Single individual observed at Eagle Creek, *Marion*, on 6/17(Don Williams).

Yellow-crowned Night-heron Single individual observed at Patoka NWR, *Gibson*, on 6/5(Steve Gifford) and again on 6/6(Jeremy Ross) and on 6/8(Vicky Whitaker) and 6/9(Jeremy Ross). 1 observed at Goose Pond, *Greene*, on 7/1(Peter Scott).



Figure 1. Yellow-crowned Night-heron. 05 Jun 2012, Patoka NWR, Gibson, Photo by Steve Gifford

Plegadis Ibis Single Plegadis sp. Ibis reported from Willow Slough, *Newton*, on 7/28(Robert Hughes).

Glossy Ibis A lakefront first individual was observed at Grant St. Wetland, *Lake*, on 6/7(Matt & Amanda Kalwasinski, Penny Starin and Brad Bumgardner ph.) and on 6/8(Michael Topp) and on 6/9(Randy Pals).

Black Vulture 117 observed at Fairfax Recreation Area, *Monroe*, on 7/23(Don Whitehead).

Mississippi Kite 2 individuals observed at Ft. Harrison SP, *Marion*, on 6/1(Bob Decker). Single individual observed over I-94 in Porter County on 7/10(John Cassady). 3 were observed in LaGrange county on 7/18(Lynea Hinchman).

Swallow-tailed Kite Single individual observed and photographed near Mooresville, *Morgan*, on 7/29(Tom Potter, Sallie Potter, Nancy Frass and Gayle Moore).



Figure 2. Juvenile Northern Bobwhite, 01 July 2012, Goose Pond, Greene. Photo by Michael Brown

Common Gallinule Common Gallinules reported from Goose Pond, *Greene*, throughout the period. The high count of 11 came on 7/1(Peter Scott). They were also present at Grant St. Wetland, *Lake*, throughout the period. The high count of 18 including 11 young occurred on 7/15(Matt Kalwasinski). Single individual observed at Muscatatuck NWR, *Jackson*, on 6/3. 2 observed at Pigeon River FWA, *Lagrange*, on 6/3(Rodger Rang). Single individual observed at Willow Slough FWA, *Newton*, on 6/6(Jed Hertz). 1 observed at Celery Bog, *Tippecanoe*, on 6/7(John Skene). 2 individuals observed near Orland, *Steuben*, on 6/14(Jim Haw). 3 observed at Pigeon River FWA, *Lagrange*, on 6/14(Leland Shaum). 1 observed at Willow Slough, *Newton*, on 6/15(Jed Hertz). 3 observed at Pigeon River FWA, *LaGrange*, on 6/22(Jim Haw). 5 individuals including 1 juvenile observed at Miller Beach, *Lake*, on 7/28(Ken Brock). 9 observed in Newton county on 7/29(Jed Hertz).

King Rail Single individual heard at Pigeon River, *LaGrange*, on 6/22(Jim Haw).

American Golden Plover Single individual observed at Miller Beach, *Lake*, on 7/5(Ken Brock).

Piping Plover Single individual observed at Miller Beach, *Lake*, on 7/31(John Cassady ph., Ken Brock ph.). This banded juvenile was born in the Upper Peninsula of Michigan.



Figure 1. Banded juvenile Piping Plover, 31 July 2012, Lake. Photo by John Cassady

Semipalmated Plover 35 individuals observed at Celery Bog, *Tippecanoe*, on 6/1(Matt Hale). 30 individuals observed at Goose Pond, *Greene*, on 6/1(Jim Hengeveld). 32 individuals observed at Celery Bog, *Tippecanoe*, on 6/2(John Skene). 4 observed at Chase St. Wetland, *Lake*, on 6/2(Ken Brock). 7 observed at Eagle Marsh, *Allen*, on 6/3(Jim Haw). 6 observed at Goose Pond, *Greene*, on 6/3(Lee Sterrenburg). 10 birds observed at Eagle Marsh, *Allen*, on 6/4(Roger Rang). 2 observed at Beehunter Marsh, *Greene*, on 6/6(Don Whitehead). 12 observed at Celery Bog, *Tippecanoe*, on 6/7(John Skene). 1 observed at Grant St wetland, *Lake*, on 6/9(Leland Shaum). Single individual observed at Eagle Marsh, *Allen*, on 6/12(Roger Rang). Single individual observed at Eagle Marsh, *Allen*, on 6/13(Ed Powers) and on 6/16(Jim Haw). 2 individuals observed at Eagle Marsh, *Allen*, on 6/21(Jim Haw). 1 observed at Goose Pond, *Greene*, on 6/20(Amy Kearns). Single individual observed at Goose Pond, *Greene*, on 6/24(Lee Sterrenburg).

Black-necked Stilt 320 were reported. Stilts were present at Goose Pond, *Greene*, and Cane Ridge, *Gibson*, throughout the period. The high count of 48 occurred at Goose Pond on 7/29(Lee Sterrenburg).

American Avocet 2 observed at Eagle Creek Park, *Marion*, on 7/10(Bill Buskirk). 3 observed at Wakarusa Wastewater Treatment Facility, *Elkhart*, on 7/12(Leland Shaum). Single individual observed at Miller Beach, *Lake*, on 7/14(Ken Brock). 3 observed at Michigan City Harbor, *LaPorte*, on 7/14(Ken Brock). Single individual observed at Eagle Creek, *Marion*, on 7/22(Kirk Roth).

Willet

Summer 2012 Willet Records			
No	Date	Location	Observer
6	3-July	Miller Beach	Leroy Miller
7	3-July	Michigan City H.	Leroy Miller
2	6-July	Miller Beach	Michael Topp
1	7-July	Miller Beach	J.K. Cassady
1	14-Jul	Miller Beach	KJBrock
4	14-Jul	Michigan City H.	J.K. Cassady
1	21-Jul	Miller Beach	J.K. Cassady
3	31-Jul	Miller Beach	KJ Brock

Source: Ken Brock

Greater Yellowlegs 1 observed at Grant St wetland, *Lake*, on 6/9(Leland Shaum). Single individual observed at Goose Pond, *Greene*, on 6/24(Lee Sterrenburg). 6 observed at Goose Pond, *Greene*, on 7/2(Lee Sterrenburg). 52 observed at Goose Pond, *Greene*, on 7/8(Brad Feaster). 3 observed at Geist Reservoir, *Marion*, on 7/9(Clint Kiehl). Single individual observed at Highway 17 Marsh, *Cass*, on 7/10(Landon Neumann). 1 observed at Eagle Marsh, *Allen*, on 7/10(Ed Powers). 8 observed at Goose Pond, *Greene*, on 7/11(Don Whitehead).

Lesser Yellowlegs 9 observed at Beehunter Marsh, *Greene*, on 6/21(Roger Hedge). 1 observed at Cane Ridge *Gibson*, on 6/22(Roger Hedge). Single individual observed at Eagle Marsh, *Allen*, on 6/25(Seth Loe). 10 observed at Goose Pond, *Greene*, on 6/28(Lee Sterrenburg). 2 individuals observed at Miller Beach, *Lake*, on 6/29(Michael Topp). 2 individuals observed at Celery Bog, *Tippecanoe*, on 6/29(Ed Hopkins). 137 observed at Goose Pond, *Greene*, on 7/8(Brad Feaster).

Solitary Sandpiper 2 individuals observed at Celery Bog, *Tippecanoe*, on 6/1(Matt Hale). Single individual observed in Marshall county on 6/27(Michael Hooker). 1 individual observed at Celery Bog, *Tippecanoe*, on 6/29(Ed Hopkins).

Upland Sandpiper There were 22 reports. Single individual observed at Mt. Comfort airport, *Marion*, on 6/10(Bob Decker). Single



Figure 2. Upland Sandpiper, 30 June 2012, Sullivan. Photo by Jim Sullivan. 6 individual observed at Universal Mine, *Vermillion*, on 6/13(Jeff Schaffer). 6 individuals observed at Mt. Comfort Airport, *Marion*, on 6/25(Clint Kiehl). 4 observed at Universal Mine, *Sullivan*, on 6/30(Jim Sullivan). 2 observed at Kankakee Sands, *Newton*, on 7/2(Jonathan Bauer). 3 observed in cornfield near Newberry, *Greene*, on 7/29(Vern Wilkins). Single individual reported from Cane Ridge, *Gibson*, on 7/29(Evan Speck).

Whimbrel Single individuals observed at Miller Beach, *Lake*, on 7/14(Ken Brock) and 7/24(John Cassady).

Marbled Godwit Single individual observed at Miller Beach, *Lake*, on 7/7(Ken Brock). 1 observed at Michigan City Harbor, *LaPorte*, on 7/14(Ken Brock).

Ruddy Turnstone Single individual reported from Gibson county on 7/28(Chuck Mills)

Sanderling Single individual observed at Miller Beach, *Lake*, on 7/13(Michael Topp). 11 individuals observed at Miller Beach, *Lake*, on 7/14(Ken Brock). 7 observed at Michigan City Harbor, *LaPorte*, on 7/14(Ken Brock). 2 observed at Cane Ridge, *Gibson*, on 7/28(John Pohl) and 7/29(Evan Speck).

Semipalmated Sandpiper 65 individuals observed at Goose Pond, *Greene*, on 6/1(Jim

Hengeveld). 34 observed at Goose Pond, *Greene*, on 6/3(Lee Sterrenburg). 2 observed at Lebanon Business Park, *Boone*, on 6/4(Roger Hedge). 3 observed at Goose Pond, *Greene*, on 6/11(Lee Sterrenburg). 1 observed at Eagle Marsh, *Allen*, on 7/10(Ed Powers).

Western Sandpiper 1 observed at Lake Lemon, *Monroe*, on 7/26(Jim Hengeveld).

Least Sandpiper Six individuals observed at Celery Bog, *Tippecanoe*, on 6/1(Matt Hale). 23 individuals observed at Celery Bog, *Tippecanoe*, on 6/2(John Skene). 2 observed at Chase St. Wetland, *Lake*, on 6/2(Ken Brock). 1 observed at Goose Pond, *Greene*, on 6/3(Lee Sterrenburg). 4 observed at Beehunter Marsh, *Greene*, on 6/6(Don Whitehead). Single individual observed at Goose Pond, *Greene*, on 6/13(Brad Feaster). Single individual observed at Eagle Marsh, *Allen*, on 6/27(Jim Haw). 4 observed at Anson Business Park, *Boone*, on 6/27(Roger Hedge). 3 observed at Goose Pond, *Greene*, on 6/28(Lee Sterrenburg). Single individual observed at Miller Beach, *Lake*, on 6/29(Michael Topp). 3 individuals observed at Celery Bog, *Tippecanoe*, on 6/29(Ed Hopkins).

Pectoral Sandpiper 8 individuals observed at Celery Bog, *Tippecanoe*, on 6/1(Matt Hale). 2 observed at Eagle Marsh, *Allen*, on 6/8(Rodger Rang).). 1 observed at Eagle Marsh, *Allen*, on 6/9(Rodger Rang). Single individual observed at Eagle Marsh, *Allen*, on 6/12(Rodger Rang) and on 6/16(Jim Haw). 3 observed at Goose Pond, *Greene*, on 6/20(Amy Kearns). 3 observed at Beehunter Marsh, *Greene*, on 6/21(Roger Hedge). 2 individuals observed at Goose Pond, *Greene*, on 6/24(Lee Sterrenburg). 2 observed at Goose Pond, *Greene*, on 6/28(Lee Sterrenburg). 566 observed at Goose Pond, *Greene*, on 7/29(Lee Sterrenburg).

Dunlin 27 individuals observed at Celery Bog, *Tippecanoe*, on 6/1(Matt Hale). 1 observed at Cane Ridge, *Gibson*, on 6/6(Amy Kearns).

Single individual observed at Grant St. Wetland, *Lake*, on 6/7(Matt Kalwasinski).). 1 observed at Eagle Marsh, *Allen*, on 6/9(Rodger Rang). Single individual observed at Cane Ridge, *Gibson*, on 7/28(Lee Sterrenburg).

Baird's Sandpiper Four individuals observed at Eagle Creek, *Marion*, on 7/22(Kirk Roth). 16 adults recorded at Chapman Lake, *Kosciusko*, on 7/23(John Kendall). Single individual observed at Brookville Lake, *Wayne*, on 7/22 and 7/25(Bill Buskirk). Single individual observed at Eagle Creek, *Marion*, on 7/24(Spike Selig). Single individual observed at Eagle Creek, *Marion*, on 7/25(Don Gorney). 5 observed at Eagle Creek, *Marion*, on 7/26(Rob Ripma). Single bird observed at Eagle Creek, *Marion*, on 7/27(Ed Hopkins). Single individual observed at Celery Bog, *Tippecanoe*, on 7/28(Ed Hopkins) and still present on 7/31. 4 individuals observed at Cane Ridge, *Gibson*, on 7/28(Lee Sterrenburg). 2 observed at Cane Ridge, *Gibson*, on 7/29(Evan Speck). 1 observed at Eagle Creek, *Marion*, on 7/29(Don Williams). Single bird reported from Geist Reservoir, *Marion*, on 7/29(Clint Kiehl) and still present on 7/31. Single individual reported from J. I. Chase Wetlands, *Vigo*, on 7/31(Steven Lima). 2 observed at Hitchcock Road Pond, *Lake*, on 7/31(Ken Brock).

White-rumped Sandpiper Four individuals observed at Celery Bog, *Tippecanoe*, on 6/1(Ed Hopkins). 24 individuals observed at Goose Pond, *Greene*, on 6/1(Jim Hengeveld). 4 observed at Chase St. Wetland, *Lake*, on 6/2(Ken Brock). 6 observed at Eagle Marsh, *Allen*, on 6/3(Jim Haw). 32 observed at Goose Pond, *Greene*, on 6/3(Lee Sterrenburg). Single individual observed at Lebanon business park, *Boone*, on 6/4(Roger Hedge). 4 birds observed at Eagle Marsh, *Allen*, on 6/4(Rodger Rang). 37 observed at Beehunter Marsh, *Greene*, on 6/6(Don Whitehead). 1 observed at Celery Bog, *Tippecanoe*, on 6/7(John Skene). 5 observed at Grant St wetland, *Lake*, on 6/9(Leland Shaum).

4 observed at Goose Pond, *Greene*, on 6/11(Lee Sterrenburg). 4 individuals observed at Eagle Marsh, *Allen*, on 6/12(Roger Rang). 4 individuals observed at Goose Pond, *Greene*, on 6/23(Terry Walsh). Single individual observed at Eagle Creek, *Marion*, on 7/15(Don Williams).

Stilt Sandpiper An alternate plumed adult briefly landed in the USX impoundment at Miller Beach on 5 July (John K. Cassidy). This is Indiana's third earliest fall migrant.

Buff-breasted Sandpiper 2 individuals observed at Celery Bog, *Tippecanoe*, on 7/27(Ning Wu) and were still there on 7/28(John Skene), a new early arrival date (Ken Brock).

Wilson's Snipe 2 individuals observed at Kankakee Sands, *Newton*, on 6/7(Jed Hertz). 2 individuals observed at Goose Pond, *Greene*, on 7/22(Lee Sterrenburg).

Wilson's Phalarope Single individual observed at Goose Pond, *Greene*, on 6/1(Dave Fox). Single individual observed at Celery Bog, *Tippecanoe*, on 6/1(Matt Hale). Single individual observed at Goose Pond, *Greene*, on 6/1(Jim Hengeveld). 1 observed at Celery Bog, *Tippecanoe*, on 6/7(John Skene). 1 observed at Goose Pond, *Greene*, on 6/11(Lee Sterrenburg).

Red-necked Phalarope Single individual observed at Celery Bog, *Tippecanoe*, on 6/1(Ed Hopkins) and still present on 6/3(Michele White). Single individual observed at Goose Pond, *Greene*, on 6/1(Jim Hengeveld). Single individual observed at Eagle Creek, *Marion*, on 7/29(Becky Lomax-Sumner) and still present on 7/30(Eric Ripma).

Dunlin:- A new high count for the summer season was logged on 1 June when Matt Hale counted (27) at Celery Bog. The previous summer maximum was 16 on 1 June 2002.

Laughing Gull Single individual observed at Brookville Lake, *Franklin*, on 7/10(Trish Cope,

Marie Cope Nicholson and Marianne Cope). Amar Ayyash photographed a bird off Calumet Park, IL on 28 July, which ultimately flew toward the Hammond Marina.

Bonaparte's Gull 1 observed at Eagle Creek Park, *Marion*, on 7/10 (Bill Buskirk). Single individual observed at Miller Beach on 7/9(John Kendall). Single individual reported from Willow Slough, *Newton*, on 7/28(Robert Hughes). Single individual observed at Miller Beach, *Lake*, on 7/28(Ken Brock). 3 individuals observed at Miller Beach, *Lake*, on 7/31(Ken Brock).

Black Tern Two individuals observed at Celery Bog, *Tippecanoe*, on 6/1(Matt Hale). 2 observed at Cane Ridge, *Gibson*, on 6/6(Amy Kearns). Single bird observed at Big Chapman Lake, *Kosciusko*, on 6/4(John Kendall). 2 individuals observed at Willow Slough FWA, *Newton*, on 6/6(Jed Hertz). Single individual observed at Eagle Marsh, *Allen*, on 6/12(Roger Rang).

Caspian Tern 1 observed at Goose Pond, *Greene*, on 6/3(Lee Sterrenburg). 1 observed at Eagle Marsh, *Allen*, on 6/8(Rodger Rang). 2 observed at Miami SRA, *Miami*, on 6/17(Jim Haw).

Forster's Tern Single individual observed at Willow Slough FWA, *Newton*, on 6/4(Jed Hertz).

Common Tern 3 observed at Eagle Marsh, *Allen*, on 6/1(Roger Rang). Single individual observed at Miller Beach, *Lake*, on 7/21(Ken Brock).



Figure 3. 1st summer Common Tern, Miller Beach, Lake, 21 July 2012. Photo by Ken Brock.

Marsh Wren 49 observed at Grand Kankakee Marsh, *Lake*, on 6/2(Ken Brock).

Eurasian Collared Dove Some 35 were reported this summer, which is a record, exceeding last year's 32 doves. The Collared-Dove has now been recorded in 51 Indiana counties.

Black-billed Cuckoo- Extremely scarce with only 5 birds reported in the state

Barn Owl Deceased bird found at Chinook Mine, *Clay*, on 7/24(Peter Scott).

Olive-sided Flycatcher Single individual observed at Salamonie Reservoir, *Wabash*, on 6/5(Jim Haw). Single individual observed at Pigeon River, *LaGrange*, on 7/21(Jim Haw). A record-early single individual was observed at LaSalle FWA, *Newton*, on 7/31(Jed Hertz).

Least Flycatcher Only three were reported, including a single individual observed near Helmsburg, *Brown*, on 6/11(Jim Hengeveld).

Western Kingbird An amazing total of five individuals were reported this summer. Dan Collins logged two of these: the first was in Mt Vernon (Posey Co) on 2 Jun and the second occurred in Vanderburgh Co on 8 June. Evan Speck photographed the latter on 14 June. On 9 July Eric Wilhite photographed (1) on Youngblood Road in Warrick Co (*fide* James H. Campbell).
Single individual observed near Mt. Vernon , *Posey*, on 6/2(Dan Collins).

Loggerhead Shrike An upward trend was in evidence with 24 sightings, including surveys by Amy Kearns, with 3 reported from Orange County on 7/28. Single individual observed at Patoka NWR, *Gibson*, on 6/9(Lee Sterrenburg) and on 6/11(Bob Decker) and on 6/25(Jeremy Ross) and on 6/26(Vicky Whitaker). Single

individual observed near Loogootee, *Martin*, on 6/23(Terry Walsh). Single individual observed at Chinook Mine, *Clay*, on 6/28(Peter Scott) and on 6/29(Denise Sobieski).

Purple Martin Kentucky birder Larry Melcher estimated 100,000 at a very large post-breeding roost site at a rock quarry in Clarksville, Indiana (exact date not given). Tom and Colleen Becker visited the site on 27 July and placed the Martin total at "tens of thousands." Roosts of this species tend to be in the 20,000-100,000 range.

Blue-headed Vireo Single individual observed in Marshall County on 6/11(Michael Hooker). Single individual heard at Pigeon River, *LaGrange*, on 6/22(Jim Haw).



Figure 4. Historical Bank Swallow colony with 200 sites, Vermillion, 12 July 2012. Photo by Marty Jones.

Red-breasted Nuthatch Single individual observed at Pokagon SP, *Steuben*, on 6/12(Fred Wooley).

Yellow Warbler At Miller Beach a migrant was seen flying in off Lake Michigan on 5 July (John K. Cassidy). They do indeed head south early.

Tennessee Warbler Single individual observed at LaSalle FWA, *Newton*, on 7/28(Jed Hertz).

Chestnut-sided Warbler Single individual observed at Fox Island, *Allen*, on 6/6(Jim Haw). Single bird observed at Tri -County, *Noble*, on 6/7(Jim Haw). 1 observed at Kankakee FWA, *Starke*, on 6/9(Jim Haw). 2 individuals observed

at Pigeon River FWA, *Lagrange*, on 6/14(Jim Haw). Single individual observed at Pigeon River, *LaGrange*, on 7/21(Jim Haw).

Yellow-throated Warbler One was found in Pigeon River FWA (LaGrange Co) on 14 June (Leland Shaum, Neal Miller, Jesse and Jonathon Chupp et al.) to provide that northerly county's first record

Black-throated Green Warbler 2 observed at Morgan Ridge, *Perry*, on 6/13(Noah Kearns). 8 singing males observed in Brown county on 6/15(Brad Jackson). 2 observed at Morgan Ridge, *Perry*, Single juvenile observed in Newburgh, *Warrick*, on 7/24(Chuck Mills).

Pine Warbler Single individual observed in Marshall county on 6/11(Michael Hooker).

Blackpoll Warbler Single individual observed in Marshall County on 6/11(Michael Hooker).

Yellow-breasted Chat Noah Kearns' count of (30) in Perry Co on 13 June provided the state's 7th largest daily count (2nd highest Indiana tally among non-survey counts).

Lark Sparrow Pair observed near Fishers, *Hamilton*, on 6/3(Greg Osland). 1 observed at Kankakee FWA, *Starke*, on 6/9(Jim Haw).

Swamp Sparrow Single individual observed in Highway 17 marsh, *Cass*, on 6/13(Landon Neumann).

Blue Grosbeak Single individual observed near Thorntown, *Boone*, 6/16(Cloyce Hedge).

Western Meadowlark Single individual observed in Newton county on 6/9(Leland Shaum). Single individual observed near Thorntown, *Boone*, 6/16(Cloyce Hedge). Single individual observed at Beverly Shores, *Lake*, on 6/16(Robert Hughes).

THE 2012 INDIANA AUDUBON SOCIETY BIG MAY DAY BIRD COUNT
Jay Bolden, 7349 Liscannor Lane, Indianapolis, IN 46217



Figure 1. Prothonotary Warbler, 12-May-2012, Madison Co. Photo by Greg Tompkins.

The Big May Day Bird Count was conducted state-wide on Saturday, May 12th, 2012. 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.

Weather conditions were generally pleasant for birding with the average high temperature across the state at 73°F and average low at 54°F. Cloud cover was variable across the state, and trace amounts of rain were recorded in several northern counties.

Porter, Greene, Vigo, Lake, and Tippecanoe counties topped the list with 150+ different species seen in each. This was the first year in the last 15 that Orange County had conducted a count and tallied 141 species. Participation was up this year presumably due to better weather as compared to the last few counts (Figures 2 and 4). Effort as a function of birds per observer and per observer hour has increased two straight years (Figure 5).

Significant sightings included **Greater White-fronted Goose** (Greene), **Tundra Swan** (Hamilton), **Brown Pelican** (Orange – first county record), **Least Bittern** (Greene, Lake, Newton), **Little Blue Heron** (Lake), **Black-crowned Night Heron** (multiple), **White-faced Ibis** (Greene), **Mississippi Kite** (Warrick), **Rough-legged Hawk*** (Warrick), **King Rail** (Greene), **Common Gallinule** (multiple), **Black-necked Stilt** (Gibson, Greene), **Upland Sandpiper** (St. Joseph), **Whimbrel** (Greene), **Sanderling** (Gibson), **Buff-breasted Sandpiper*** (Adams), **Long-billed Dowitcher*** (Gibson), **Least Tern** (Warrick), **Snowy Owl** (Porter), **Fish Crow** (Gibson), **Nelson’s Sparrow** (Newton), **Dark-eyed Junco** (multiple), and **Western Meadowlark** (Marshall).

*reported but not documented, or documentation pending

Not included in the data summary but as an addendum to the raw data is a BMDBC-style count in Sullivan County run by Alan Bruner, Peter Scott, George Sly and Lee Sterrenburg on May 15th. The Sullivan County participants were able to tally 2,986 individuals of 127 species which shows the potential for good birding in many of the non-compiled counties. Note that the Sullivan County count was last compiled in 2006.

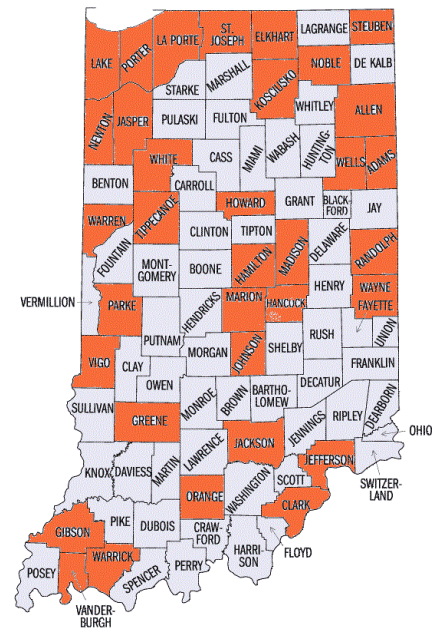


Figure 2. Counties Participating in the 2012 BMDBC.

Visit the IAS website to access the raw data and the Vigo County count recap by Peter Scott. Enjoy the Vigo County photo salon by Jim Sullivan and Marty Jones following the data tables.

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. Snowy Owl, 12-May-2012 (top) and 15-May-2012 (bottom), Porter Co. The owl was present 08-May to 15-May-2012. Photos by Ken Brock.

Figure 4. Data Summary of BMDBCs from 1991-2012.

Year	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
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	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
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	2011	2012					mean	median	high	low
May Count Date	14	12					11	11	14	8
Total Counties	29	35					40	41	47	29
Total Species Observed	237	236					238	239	251	224
Total Birds Counted	119,710	132,675					152,115	153,849	191,971	119,710
Total Observers	461	476					531	520	656	446
Total Observer Hours	1,563	1,670					1,831	1,806	2,432	1,390
Birds Per Observer	260	279					287	286	322	260
Birds Per Observer Hour	77	79					84	79	101	73

Figure 5. BMDBC Bird Records per Observer Hour.

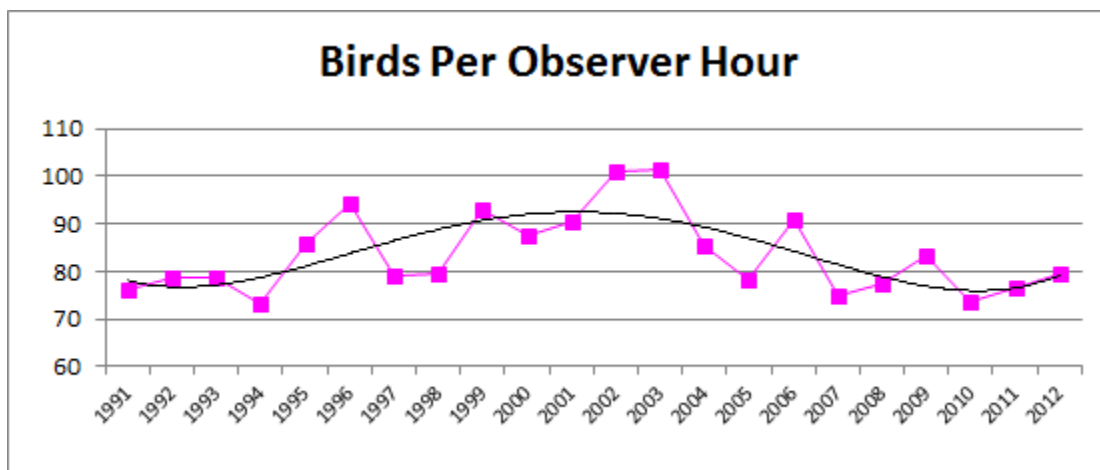


Figure 6. Most Numerous Resident Bird Counts 2008-2012.

Species	2008	2009	2010	2011	2012	Sum	Average
Red-winged Blackbird	10,583	12,743	10,232	9947	10010	81,467	11,638
European Starling	8,517	10,026	11,594	8327	9198	68,796	9,828
American Robin	8,085	9,990	11,545	8987	9554	67,180	9,597
Canada Goose	6,719	6,896	6,694	5413	7391	47,206	6,744
Common Grackle	5,938	5,905	5,894	5203	4871	45,869	6,553
Ring-billed Gull	2,534	3,568	4,941	2779	1823	29,163	4,166
House Sparrow	3386	3,560	3,281	3435	3935	26,255	3,751
Northern Cardinal	3,595	3,351	2,914	3360	3312	24,100	3,443
Mourning Dove	2,915	2,878	2,459	2803	3181	22,622	3,232
American Goldfinch	2,946	3,054	2,441	2479	2398	20,706	2,958

Figure 7. Most Numerous Neotropical Migrant Bird Counts 2008-2012.

Species	2008	2009	2010	2011	2012	Sum	Average
Barn Swallow	2087	3098	4854	3102	2400	27097	3871
Tree Swallow	2421	3777	4294	2330	1883	23521	3360
Indigo Bunting	2009	2295	1420	2358	2751	14038	2005
Gray Catbird	2186	1994	1342	1725	1903	12831	1833
Chimney Swift	1746	2264	1301	1397	1771	12590	1799
Northern Rough-winged Swallow	992	1974	1878	858	633	12191	1742
Chipping Sparrow	1991	1930	1493	1610	1777	12091	1727
Common Yellowthroat	1834	1659	1210	1749	2396	11062	1580
Cliff Swallow	1202	1721	1893	1097	2387	10935	1562
Yellow Warbler	1811	1480	1113	1426	1576	10134	1448



Sora



American Bittern, Chinook Mine

**Marshland Birds
Photos by Jim Sullivan**



Willow Flycatcher



Lark Sparrow



Grasshopper Sparrow

**Grassland Birds
Photos by Jim Sullivan**



Horned Lark



Dickcissel



St Mary of the Woods campus: Baltimore Oriole ... Female Mallard & Wood Duck brood ...
Wright Road: Purple Martins
Universal mine: Eastern Meadowlark, Eastern Kingbird
Photos by Marty Jones





May Day Birds (5/12/2012) on Rothrock property, east levee of Wabash River and adjacent field in Otter Creek Township. Photos by **Marty Jones**

Red-headed Woodpeckers and Northern Flicker nesting in same tree

Blackpoll Warbler, unusually abundant this spring

Indigo Bunting, always one of top 10 most common species

Participants

1. **Adams, Compiler:** Larry Parker **Observers:** Larry Parker, Janet Parker, Dorothy Moser, Earlene Moser, Sheryl Sipe, Gene Bluhm, Elaine Bluhm
2. **Allen, Compiler:** Ed Powers **Observers:** Jerry Brown, Mark Derloshon, Jim Haw, Frannie Headings, Barb Kampschmidt, Dan Klopfenstein, Valerie Pelz, Cynthia Powers, Ed Powers, Rodger Rang, Steve Sarratore, Sandy Schacht, Stephanie Wagner, David Ward, Eric Weaver, Marisa Windell, Galen Yordy
3. **Clark, Compiler:** Stuart Jenkins **Observers:** Stuart Jenkins, Mary Ann Jenkins, Larry Lock, Pat Lock, Scottie Theiss, Dakin Polan, Del Steigle, Kathy Strecker, Kathy Webster
4. **Elkhart, Compiler:** Lindsay Grossman **Observers:** Don Beyeler, Neil Miller, Don Bontrager, Ben Grossmann, Lindsay Grossmann, Gary Keister, Melissa Kinsey, Leland Shaum, Allen Peachy, Marlene Pratt, Irvin Pratt, John Harley, Elaine Harley, John Davis, Trice Berkley, Wayne Royer, Kathy Royer, Judy Ferrell, Ronda DeCaire
5. **Gibson, Compiler:** Charles Mills **Observers:** Dan Collins, Ben Fritz, Nancy Gehlhausen, Charles Mills, Kara Schotter, Ryan Slack, Marietta Smith, Evan Speck, Vicky Whitaker
6. **Greene, Compiler:** Jess Gwinn **Observers:** Jess Gwinn, Marsue McCalla Jackson, Joan ten Hoor, Gary Langell, David Rupp, Donald Whitehead, Betsy Whitehead, Jim Mitchell, Jerry Downs, Bill Holladay, Jim Hengeveld, Susan Hengeveld, Jeff Riegel, Bob Kissel, Steve Bell, Jim Brown, Kathy McClain, Lee Sterrenburg, Marilyn Flanders, Ivy Kardokus
7. **Hamilton, Compiler:** Rob Ripma **Observers:** Rob Ripma, Eric Malbone, Clare Malbone, Art Jeffries, Laura Jeffries, Terry Balleger, Paul Coon, Debby Wright, Keith Starling, Marty Williams, June DeLong, Ken Badger, Bert Badger, Leslie Warner, Gordon Chastain, John Mueller, Cindy Meyer, Ted Meyer, Kathy Feldman, Becky Lomax-Sumner, Scott Enochs, Christina Enochs, Brad Jackson, Tom Roberts, Amanda Smith
8. **Hancock, Compiler:** Gail McNierney **Observers:** Gail McNierney
9. **Howard, Compiler:** Sam Morrow **Observers:** Sam Morrow
10. **Jackson, Compiler:** Donna Stanley **Observers:** Nancy Dorman, Gary Dorman Sr., Rebecca Dorman, Gary Dorman Jr., Cathy Meyer, Gerald Heath, Sandy McCoy, Darlena Graham
11. **Jasper, Compiler:** Bob Brodman **Observers:** Bob Brodman, Tim Rice, Jeanette Jaskula, Amanda Rousseau
12. **Jefferson, Compiler:** Bill Poindexter **Observers:** Dick Davis, Paul Carmony, Matt Demoree, Susan Morris, Bill Morris, Kim Kirchner, Andrew Simpson, Kayla Simpson, Gretchen Lindquist, Brent Lindquist, Mary Clashman, Bill Poindexter, Kevin Carlson
13. **Johnson, Compiler:** Tom Hougham **Observers:** Tom Hougham, Ann Deutch, Karl Werner
14. **Kosciusco, Compiler:** Gregory Clark **Observers:** Connie Doud, Steve Doud, Lana Jarrett, Lila O'Connell, James Townsend, Casey Jones, Bruce Ruisard, Dave Hicks, Deb Hustin, Steve Hammer, Heather Mitchell, Jerry Sweeten, Melinda Sweeten, Kaity Clark, Andy Rich, Gregory Clark, Randall Gabriel
15. **Lake, Compiler:** Lynda McGinnis **Observers:** Dan Arendas, Fran Bascom, Andy Bencur, Joy Bower, Janet Brezene, DeNay Cortez, Jose Cortez, Andrea Crawley, Barb Dodge, Devin Dodge, Ryan Hamilton, Jolene Hanchar, Justine Hanchar, Kim Harmon, Kim Higdon, Jan Jasieniecki, Nancy Koselke, Carolyn Marsh, Gail McBride, Lynda McGinnis, JoAnn Palko, Darcy Petyko, Theresa Pilarcik, Brad Piniak, Christine Salberg, Ryan Sanderson, Jim Sweeney, Michael Topp, Dave Wantz, Rick Welton
16. **LaPorte, Compiler:** Joan Wisniewski **Observers:** Not reported

17. **Madison, Compiler:** Jean Harbron **Observers:** Jean & Tom Harbron, Bernie Butler, Sam Johnson, Sheryl Myers, R. Dwayne Hook, Greg Thompkins
18. **Marion, Compiler:** Andrew Mertz **Observers:** Don Gorney, Brenda Howard, Andrew Mertz
19. **Marshall, Compiler:** Matthew Enos **Observers:** Kurt Garner, Michael Hooker, Cindy Odiorne, Stephan Odiorne, Michael Stephan, Larry Beeson, Jeff Klienfelter, Jean Nelson, Sheila Ulmer
20. **Newton, Compiler:** Ed Hopkins **Observers:** Ed Hopkins, Doug Gerbracht
21. **Noble, Compiler:** John Winebrenner **Observers:** Not reported
22. **Orange, Compiler:** Amy Kearns **Observers:** Jay Bolden, John Castrale, Howard Detweiler, Amy Kearns, Noah Kearns
23. **Parke, Compiler:** Alan Bruner **Observers:** Alan Bruner, Patsy Steffen, Brenda Milliren, Phil Milliren, Ed Timm
24. **Porter, Compiler:** Ken Brock **Observers:** Kathy Anderson, Bobbie Atzhorn, Nicole Haller Braner, Ken Brock, Brad Bumgardner, Tim Cole, Phil Drescher, Lynea Hinchman, Beth Jones, John Kendall, Dick Knutson, Bernie Konrady, Patrick Krueger, Bob Lemay, Jeff McCoy, Randy Pals, Tom Rice, Penny Starin, Jack Swelstad, Jason Swelstad, Erik Troske
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26. **St Joseph, Compiler:** Louise Fessenden **Observers:** John & Alice Bentley, Jo Borrer, John & Wendy Cassady, Heather Downey, Dick & Louise Fessenden, Robert Fessenden, Zach Fisher, Bob Frank, Laura Fuderer, Carol Goodall-Yoder, Gordon Hug, John Kaehr, Michaele Klingerman, June Kohler, Dave Kopp, Mike & Ellen Lechlitner, Bob & Linda Leliaert, Robin Lisek, Kathy Maloney, Julia Mast, Rosann McCormick, Brian Miller, Scott & Lindsay Namestnik, Vic & Marge Riemenschneider, Carole Riewe, Nancy Shephard, Jim Spier, Joan Tweedell, Ken Tweedell, Lynn Vernon
27. **Steuben, Compiler:** Maggie Jaicomo **Observers:** (first names only reported) Chris, Tucker, Chase, Darren, Linda, Peter, Lauren, Kale, Marjorie, Maggie
28. **Tippecanoe, Compiler:** Barney Dunning **Observers:** Delano Arvin, Kevin Arvin, Kyle Arvin, Marjory Arvin, Mark Arvin, Mike Brattain, Maryam Ghadiri, Travis Harris, Barny Dunning, Noble Kizer, Elsa Janle, Kimberlee Kline, Temple Pearson, Melissa Mills, Harry Potter, John Skene, Becky Theller, Larry Theller
29. **Vanderburgh, Compiler:** Brian Taylor **Observers:** Jim Bevers, Neal Bogan, Jim Burton, Ron Crawford, Mike Flake, Gary Germane, Ron Giles, Dolores Heeger, Steve Heeger, Ted Hitch, Nancy Hitch, Al Langen, Chris Langen, Jim Lodato, Jessica McCauley Franck, Chris Pace, Carol Pettys, Vivian Ruff, Lois Schmidt, Brian Taylor, Bart Wilson, Bob Wilson
30. **Vigo, Compiler:** Peter Scott **Observers:** George Bakken, Laura Bakken, Jenny Bodwell, Dick Bonness, Michael Ray Brown, Nicholas Brown, Jennie Carr, Jane Chestnut, Susie Dewey, Joe Dickson, Mike Gerringer, John Haag, Marty Jones, Steven Lima, Carissa Lovett, Ellen Lunsford, Nan McEntire, Bill Mitchell, Andy Prothero, Denise Prothero, Alexander Sacopulos, Joy Sacopulos, Jeff Schaffer, Denise Sobieski, David Stanley, Jim Sullivan, Henry Tamar, Margaret Tamar, Dan Weber
31. **Warren, Compiler:** Susan Ulrich **Observers:** Susan & Ted Ulrich, Joanna Billiard, Ellen Tobias, Shelly Foran, Bill & Barbara Crane, Brian & Amanda, Phoebe, Callum & Liam Beheler
32. **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

33. **Wayne, Compiler:** Jim Seaney **Observers:** Jim Seaney, Ron Williams, Rose Marie Othmer, Bill Buskirk, Julie Williams
34. **Wells, Compiler:** Kathleen Fuller **Observers:** Ken & Justin Dubach, Kathy Fuller, Leon & Mary Kay Gerber, Carolyn Graham, Brenda Haddox, Jerry & Rose Moser, Ruth Oswald, Jerry Parker, Susan Price, Tom Walker
35. **White, Compiler:** Rick Read **Observers:** Rick Read, Jon Chapman, Jim & Joyce Sharp, Brad & Debbie Denton



Figure 8. Brown Pelican, 12-May-2012, Orange Co. Photo by Amy Kearns.

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