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Cover photo: "Lawrence's Warbler" is certainly near the top of bird enthusiasts' lists of "most wanted". This handsome and equally rare male Blue-winged x Golden-winged Warbler was caught passing through Heron Rookery, *Porter* 2 May. photo by Brad Bumgardner

Back cover photo: Loggerhead Shrike, the first record in Vigo County in 26 years. photo by Marty Jones

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John Kendall

Letter from the Editor

This quarter, IAQ is featuring yet another one of our editors—this time, we salute the life works of John Castrale and his significant impact on the avifauna in our state. While John is a familiar Hoosier to many, only some have actually met him and fewer yet know of his contributions to the culinary world. It seems that each fall, John harvests from his yard some of the finest Persimmon pulp found anywhere, supplying restaurants across the U.S!

John was born and raised in Evansville, has degrees in wildlife ecology from both Purdue University and Brigham Young University and additional graduate studies at West Virginia University. John Studied mourning dove ecology in South Carolina and impacts of sagebrush management on songbirds in Utah.

John has spent nearly 30 years as a research biologist and nongame biologist with the Indiana Division of Fish and Wildlife based near Mitchell. Earlier projects included studies of no-till agricultural impacts on birds and small mammals and lead shot ingestion by mourning doves. As the Nongame Bird Biologist, John is perhaps best known for the successful restoration of bald eagles, peregrine falcons, and osprey and monitoring and management of colonial water birds, and Least Terns. You may not know that John also coordinated two Indiana Breeding Bird Atlas projects, has been a member of the Indiana Audubon Society for many years and serves as compiler of the Summer Bird and Winter Bird Feeder Counts. When I see an Osprey in summer in Indiana, I think of John Castrale, so the photo chosen below only seems fitting.



John Castrale hacking a young Osprey.

photo provided by John Castrale

Field Notes - spring 2011

John Kendall, jeffro595@yahoo.com

Spring of 2011 will go down as one of the wettest springs in history in most areas of the state. As the season began with a relatively normal March, the weather turned a bit wetter and particularly cold throughout April, leaving tree leafing well behind schedule into May for much of the central and northern portions of the state. May set many records for precipitation, with most areas several inches above normal for the month!

Highlights included Fulvous Whistling Duck, a few Eared and Red-necked Grebes, increased White Pelicans, a Tricolored Heron, Plegadis Ibis and continued northern movements by Mississippi Kites, Black Vultures, and Fish Crows. The highlights continued with expected (based on winter "invasion") multiple Northern Goshawk sightings, record numbers of Golden Eagles, a good flights of both Ross's Geese and lingering Yellow-headed Blackbirds, two Swainson's Hawks, a record late Purple Sandpiper, record numbers of Black-necked Stilt, the first Ruff in many years, two Scissor-tailed Flycatchers and single records of both Kirtland's and "Lawrence's" Warbler.

The editor is indebted to Ken Brock for his statewide spring report, which is heavily referenced in this year's Spring Field Notes.

Reports were submitted by: Jim Haw and Ken Brock.

County names appear in *italics*.

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

SPECIES ACCOUNTS

Fulvous Whistling-duck - L.W. Sterrenburg, in what has become a nearly annual occurrence, flushed (1) at Goose Pond, *Greene* on 27 May.

Ross's Goose – With dozens of reports again this year, this species apparently continues to be observed in increasing numbers into March. E.M. Hopkins counted (53) at Kankakee FWA *Starke* on 6 Mar. This is Indiana's third largest count. A bird found 20 April by Carolyn Marsh at Forsythe Park, *Lake* lingered until 29 April. This made it the latest record for the Lakefront (Ken Brock).



Ross's Goose, Forsythe Park, *Lake* 23 April

photo by Ken Brock

Wood Duck - In spite of April's cool weather there were early breeding reports this year, with 16 eggs observed in *Cass*, on 21 Apr (Lee Scheidler) and (9) downy chicks at Goose Pond FWA on 25 Apr (Brad Feaster).

Gadwall - Thanks to some fine counts at Goose Pond FWA it was a record spring for this dabbler. The highest tallies included: (853) on 18 Mar (L.W. Sterrenburg), (580) on 7 Mar (L.W. Sterrenburg), and (500) on 3 Mar (D.R. Whitehead). 18 Mar tally is Indiana's 3rd all-time highest and the largest spring count (per Ken Brock).

American Black Duck - The 145 birds reported is the lowest spring total since 2000 (92 were counted that year).



**Hybrid Mallard
X Northern Pintail,
Wolf Lake, Lake Co.
11 March**

photo by Michael Topp

Harlequin Duck – The winter holdover adult male was still at Whihala Beach, *Lake* on 12 Mar (Michael Topp), but was not reported thereafter.

Surf Scoter – This species was once again more widely reported away from Lake Michigan. Seven were identified on Hardy Lake in *Scott*, 27 Mar (Tom & Colleen Becker). This was followed by a female at Stillwater, *Monroe* (Susan Hengeveld & astute students) and an ad male at Cane Ridge, *Gibson* (Steve Gifford) on 31 Mar. Two more males were at Summit Lake SP in *Henry* on 3 Apr (S.A. Pancol).

White-winged Scoter - A first Dubois Co record was set when Amy Kearn's identified (2) on Huntingburg Lake, *Dubois* 19 Feb. Jeff Schaffer found a female at the Universal Mine, *Vermillion* 28 Mar.

Black Scoter – A rare inland bird appeared at Eagle Creek Park, *Marion* on a stormy 4 Apr day (Larry Peavler et al.). This female constituted the 19th inland spring record. A nice flock of (3) appeared on Lake Lemon, *Monroe* 8 Apr (Hengevelds) and one of these lingered through 28 Apr.(Landon Neumann).

Long-tailed Duck - Lake Michigan numbers on were extremely low and numbers of this sea duck were down for the state. Inland birds were reported in five counties: Greene, Jennings, Marion, Newton, and Steuben. All were singletons except for the two in Steuben Co.

Common Merganser - This spring's total of 165 is the lowest in five years. The large numbers present on Lake Michigan in January apparently departed in February. The peak spring tally was (31) at Kingsbury FWA, *LaPorte* on 5 Mar (J.K. Cassady et al.).

Red-breasted Merganser - For the second consecutive year numbers were down significantly (Ken Brock).

Ruffed Grouse – Providing hope that this species can continue to avoid extirpation in Indiana, there was a noteworthy report of a red morph of this difficult to find species in Brown Co on 15 April (David Daniels).

Red-throated Loon – Most impressive, especially for this late date, was a flight of (43) at the Green Tower site at Indiana Dunes SP, Porter on 30 Apr (J.J. McCoy et al.). This is the state's fifth largest flight. For the season 178 were reported, which far exceeds the TYM of 35.5.

Common Loon - The only member of this group with below average numbers; however, this year's 348 is well above the 289 reported in spring 2010 (Ken Brock).

Red-necked Grebe - Three lingering individuals (a maximum of two at Muscatatuck NWR, Jennings and one at Eagle Creek Park, Marion). Two molting birds were at Muscatatuck on 8 Mar (Amy Kearns & David Crouch). They lingered until at least 27 Mar (Tom & Colleen Becker). One appeared at Eagle Creek Park on 27 Apr (R.F. Buskirk) and was seen 6 May (Amy Kearns). This was Indiana's best spring for this species since 2003 (Ken Brock).



Red-necked Grebe, Eagle Creek Park, Marion 7 May

photo by Michael Brown

Eared Grebe - 3 Eared Grebes made up a nice spring count. Dennis Roth and W.H. Buskirk identified a basic-plumed bird at the Dunlapville Causeway Ramp on Brookville Res in Union on 2 Mar. Presumably the same bird was observed there as late as 7 April (Deb Gross). A molting bird was seen on Murphy Lake at Willow Slough FWA, Newton on 30 Apr (J.J. McCoy et al.). One was at Goose Pond FWA on 21 March (Terry O'Connor & Meda Holt).



Eared Grebe, Willow Slough FWA 5/1/11

photo by J.C. Kendall

American White Pelican – Indiana birders enjoyed another superb spring for White Pelicans as they continue to increase for unknown reasons. The season's first report consisted of (22) flying over e. Monroe Co on 12 Mar (Richard Wiesler et al.). A record count of (284) was logged at Goose Pond, *Greene* on 27 Mar (Vern Wilkins). Vern's record was short lived, as D.R. Whitehead, Don Allen, and Bob Kissel counted (324) on 31 Mar. But even this elevated tally did not stand for long, as Don Allen logged (350) in Goose Pond unit #10N on 9 Apr.

Double-crested Cormorant - The lakefront colony at the steel mills is still going strong. On 12 May (2633) nests were counted on the East Chicago lakefront (J.S. Castrale et al.).

Least Bittern – It was a record spring for this bittern (Ken Brock). The previous best was 31 in 2009. The peak count was (6) at Goose Pond 27 May (L.W. Sterrenburg), but records came from 13 different areas.

Great Egret - A fine season was highlighted by a count of (111) at Goose Pond FWA on 8 May (L.W. Sterrenburg). The latter figure is a record count for the spring season. Presumably due to lack of food from last year's drought and fish die-off (Lee Sterrenburg, pers. Comm.), this high spring count will contrast strongly with the next issue's summer season report in which zero Great Egrets were located in early summer at Goose Pond.

Little Blue Heron – One was reported 9 May at Beanblossom Bottoms, *Monroe* (Tom & Colleen Becker). A single bird was reported at Goose Pond 31 May (Lee Sterrenburg).

Tricolored Heron - L.W. Sterrenburg discovered one at Goose Pond FWA 22 Apr. This is the state's 18th record.

Snowy Egret – Reports increased this year, led by (3) at Cane Ridge 28 May (Steve Gifford), and singles at Cane Ridge, *Gibson*, 20 April (Amy Kearns & John Castrale), *Vermillion* (Michael Brown, 29 April, and a maximum of (2) at Goose Pond 31 May (Lee Sterrenburg),

Cattle Egret – This species was reported in higher numbers than has been the recent trend. There were numerous reports of single and small groups of birds throughout the state.

Black-crowned Night-Heron - The (260) nests counted on the 12 May steel mill census on the East Chicago lakefront (J.S. Castrale et al.) is most noteworthy. Although there was no report of adult numbers, this nest number far exceeds Indiana's highest daily count of Black-crowned Night-Herons (Ken Brock).



Yellow-crowned Night-heron – Marty Jones captured this seldom photographed species with a frog in Terre Haute, *Vigo* on 31 Mar. This is Indiana's second earliest record and only the second March report.

photo by Marty Jones

© Marty L Jones

Plegadis Ibis - Single, non-specific dark Ibis' were reported at Chinook Mine, *Vigo* (Nicholas Brown, Michael Brown, Mike Hannum, Clint and Dana Maddox) 29 April, Goose Pond 22 May (Lee Sterrenburg), and 30 April Kankakee Sands in *Newton*, (Ed Hopkins),

Black Vulture – In addition to the usual fine counts in southern Indiana, J.A. Haw discovered one, in the company of Turkey Vultures, much further northward in Adams Co on 30 Mar. This is a first county record. Apparently this species is being seen more regularly in central Indiana as it moves northward.

Mississippi Kite – There were a couple of reports documenting this species' northward expansion. On 12 May an extra-limital bird, and first county record, was logged in eastern Jay Co (Aaron Boone). The bird flew in from Darke Co., Ohio. A possible new territory was discovered 18 May when Brian Tayler observed a pair near hole #1 of Christmas Lake Golf Course in Santa Claus (more than three miles from the established breeding site in Lincoln S.P.).

Northern Goshawk – As anticipated from last winter's small invasion (highest winter count since 1993 per Ken Brock), there were several reports. On 13 Mar Jed Hertz identified an adult at Willow Slough. A perched adult was at Eagle Creek Park, *Marion* on 27 Mar (Larry Peavler). A first year bird was seen (and photographed) regularly at Eagle Creek Park from 30 Mar (Jeanette Frazier et al.) through 6 Apr (Larry Peavler). Eric and Rob Ripma reportedly saw one (not aged) at Eagle Creek on 10 Apr (*fide* Larry Peavler). During a 9 Apr Dunes S.P. hawk-watch an immature flew past heading eastward. It was harassed by a crow, which it dwarfed, and buffy bars were visible on the upper wing coverts (J.C. Kendall, L.S. Hinchman, J.J. McCoy, and KJB). The last time Indiana had this many Goshawks was in winter 1993 and spring 1994, thus once again demonstrating a successive winter-spring correlation.



Northern Goshawk, Eagle Creek Park, *Marion* 2 April photo by Michael Brown

Swainson's Hawk - A light-morph bird was seen in s. Randolph Co on 28 Apr (Aaron Boone). This is Indiana's 18th record. An adult light-morph flew over the Green Tower site (Dunes S.P.) during a hawk watch 9 May (K.J.Brock & J.C. Kendall).

Golden Eagle - Record numbers were reported across Indiana this spring. The 19 reported this year is Indiana's best ever (by a wide margin). The next highest spring total was 12 in 2008 (Ken Brock).

Peregrine Falcon – On 26 May Amy Kearns and J.S. Castrale visited four NW Indiana nesting sites (Wheatfield Schafer plant, Michigan City power plant, Bailly Generator, and Whiting BP refinery). They saw (7) adults and banded (10 chicks). This is Indiana's largest Peregrine count.

King Rail – This species continues to be found in increased numbers near established wetlands as typical reports came in from Goose Pond, Cane Ridge and Kankakee Sands.

Common Moorhen - It was a good year for this wetland bird. Only the 92 reported in the spring of 1986 exceeds the 87 birds recorded this year (STYM=23.0).

American Golden-Plover - Indiana's seventh earliest arrival date was tied on 18 Mar when Leland Shaum and Howard Kauffman found a basic-plumed bird on the LaPorte Co side of Kankakee FWA. On 11 Apr J.J. McCoy searched Benton Co. and only after moving south of the windmill farm area did he locate any. There he counted (875). Wes Homoya ran several surveys in the *Benton* IBA in April and May, with counts peaking 7 May at 985. His report also noted that the birds apparently avoided the wind farm area inside this IBA. The season's maximum count was (1163) in Montgomery Co on 17 Apr (E.M. Hopkins).

Piping Plover - It was an impressive season with three birds reported in *Lake*. National Lakeshore employee Susan MiHalo discovered the first bird at West Beach on 6 May. Subsequently, Michael Topp found (2) at Miller Beach during the Big May Count on the 14th. One of the latter was banded as follows: Left Leg (Orange) - Right Leg (Metallic over light Green).

Black-necked Stilt – Indiana's maximum count of this species (Ken Brock) was greatly exceeded this spring. Prior to 2011 the state's highest daily count was 60 birds, recorded by the Bowmans' 17 August 2008 at Cane Ridge, *Gibson* and the highest spring tally was 23. This year the following reports both constituted record spring counts: (24) 17 Apr at Goose Pond FWA (L.W. Sterrenburg) and (36) on 22 Apr at Cane Ridge (Tim Griffith). A 19 May survey of the Lake Gibson area by Amy Kearns and Chuck Mills significantly elevated the bar on this species. They counted (77) adults plus 19 nests containing 66 eggs. Then on 25 May Chuck counted (85) adults at Lake Gibson.

American Avocet - A flock of (5) that flew over Main Pool West at Goose Pond FWA on 17 Apr (L.W. Sterrenburg), tied the state's third earliest arrival date. On 24 Apr Dan Leach counted (21) at Goose Pond FWA, which ties Indiana's fourth largest tally.

Lesser Yellowlegs - A field adjacent to L. Gibson contained some (800) on 13 Apr (Evan Speck and Chuck Mills). This is Indiana's fourth largest daily count.

Willet –The 3 reports of single individuals were dwarfed by 20 that were discovered 27 April near Chinook Mine, *Vigo* (Peter Scott, Diana Hews, Jim Sullivan ph.)

Upland Sandpiper – In addition to a pair on territory at TNC Kankakee Sands, *Newton* beginning 22 April (J.J.McCoy, et.al.), there was a single bird 21 April at the Burn, *Montgomery* (Russ and Barbara Allison) and 25 April in *Benton* (Ed Hopkins).

Whimbrel - Jed Hertz found one at TNC Kankakee Sands, *Newton* on 12 May. This is only the 18th Indiana record away from the lakefront.

Hudsonian Godwit - Two alternate plumed birds were at Goose Pond FWA on 23 and 24 Apr (L.W. Sterrenburg, Amy & Noah Kearns). On 30 Apr J.J. McCoy found (6) at TNC Kankakee Sands, *Newton* which is Indiana's third largest spring tally (Ken Brock).

Marbled Godwit - Gary and Lisa Bowman observed (2) flying over L. Gibson on 17 Apr. The following day Steve Gifford obtained superb photos of (1) in rural Gibson Co. On the 18th (15) were present at the latter site (Steve Gifford). A flock of (26), along with one Willet, was on the grass at Forsythe Park, *Lake* 26 Apr (C.A. Marsh). The latter is the lakefront's largest daily count and Indiana's fourth largest.

Sanderling - Two, present on the Dunes S.P beach, *Porter Co.* 10 Apr (Brad Bumgardner, B.J. Grube, & P.B. Grube), constituted a new early spring arrival date for Indiana (Ken Brock).

Western Sandpiper - Not reported during the spring flight for the third consecutive year.

Baird's Sandpiper - A molting bird was found at a new shorebird habitat area at Limberlost Swamp, Adams Co on 20 Apr (J.J. McCoy). This species is quite rare in spring; indeed this is only Indiana's 23rd spring report.

Purple Sandpiper - Amazingly, one was found on the Hammond Sanctuary beach 14 May (R.J. Sanderson, Ryan Hamilton, & Dave Wantz). This is Indiana's third spring, and first May record.

Stilt Sandpiper - No records could be located for this species, which is difficult to locate in spring.

Ruff - Indiana's first Ruff in nine years was found near Muncie (Delaware Co) 29 Apr (Aaron Boone). This handsome "black" male was still present the following day and was seen by several others.

Short-billed Dowitcher - This species was reported in slightly below normal numbers this spring.

Long-billed Dowitcher - Evan Speck photographed (2) basic-plumed birds in Patoka River NWR *Gibson* on 27 Mar. This record ties Indiana's third earliest arrival date.

Wilson's Snipe - A combined count of (416) at Kankakee FWA, Kankakee Sands, and Pine Creek Gamebird Habitat Area on 2 Apr (J.J. McCoy), yielded Indiana's third highest daily count. A nest containing (4) eggs was found on the Mississinewa Res. spillway (J.J. McCoy).

American Woodcock - Ken Brock reports that an all-time high count for Indiana was set 7 Mar Res. on 17 March 2003. (J.J. McCoy).

Wilson's Phalarope - There were 7 reports of 9 individuals, notably a pair apparently on territory at Kankakee Sands in late April through mid-May in *Newton* (J.J. McCoy).

Red-necked Phalarope - An alternate female was discovered in Allen Co 19 May (R.P. Rang).

Laughing Gull - On the 14 May Count an alternate adult was found at Goose Pond FWA (L.W. Sterrenburg, Jim Brown and Terri Greene), a first record for that location. Another was seen there on 28 May (Rob Ripma et al.). An alternate adult in Lake 7 May (J.J. McCoy) provided a rare spring lakefront record for this formerly more common gull.

Laughing x Ring-billed Gull hybrid - Michael Topp obtained an excellent photo of an adult at Hammond Sanctuary on 5 Mar. Editors' note: The plumage appears virtually identical to a bird photographed and observed in recent years along the IN-IL state line and also of one photographed 28 Feb. at Kentucky Lake Dam (E. Huber, The Kentucky Warbler). One can only speculate that this is could be the same individual.



Hybrid Laughing x Ring-billed Gull, 5 March Hammond, Lake

photo by Michael Topp

Franklin's Gull – Individual birds were found 21 April at Miami SRA, *Wabash* and 14 May at Miller Beach, *Lake* (both J.J.McCoy), and Goose Pond 23 May (Lee Sterrenburg).

Bonaparte's Gull - A dismal spring flight was tabulated by Ken Brock. The 380 Bonies reported this year constitutes the lowest spring total since 282 were reported in 1998.

Iceland Gull – Only a couple of reports were made, as the Hammond bird was last reported in early March (Michael Topp).

Lesser Black-backed Gull – Quite rare away from Lake Michigan, an adult was found Eagle Creek, *Marion* 20 March by Terry Walsh, who is quite experienced with this species.

Glaucous Gull – Few reports came through after March 1 on Lake Michigan.

Common Tern – A maximum of 233 were located on 15 May at four lakefront sites in *Porter and Lake* (J.C. Kendall). Indiana had its best flight since 2004.

Eurasian Collared-Dove - R.P. Rang saw a flyby at Eagle Marsh to provide the first Allen Co record and J.H. Campbell observed (1) in Chandler on 28 Mar to log a first Warrick Co record. This invading species has now been recorded in 46 Indiana counties.

White-winged Dove - On 28 Apr (1) visited the West Lafayette feeder of Mark Arvin (also seen by E.M. Hopkins). This dove has now been recorded in Indiana in eight of the last ten years (Ken Brock).

Black-billed Cuckoo - A singing bird was found in Hoosier National Forest, Orange Co, on 16 Apr (Amy & Noah Kearns). This is Indiana's second earliest record, following a singleton reported in Dearborn Co on 5 April 1906.

Snowy Owl - The winter-period adult female at the Westville Correctional Facility lingered until 11 Mar (Patrick Krueger).

Chimney Swift – A conservative estimate of 1500+ Chimney Swifts was made on 9 June in the vicinity of the Hammond Marina in *Lake* (J.C. Kendall).

Ruby-throated Hummingbird - One arrived at a Monroe Co feeder on 3 Apr (*vide* Dawn Hewitt) to provide the state's third earliest arrival date. A strange looking bird visited a LaPorte Co feeding station on 15 May. Cell phone pictures taken by Dewaine S. Waal reveal a ghostly white and charcoal bird, with greenish feathers in the crown, which was similar in structure to a Ruby-Throated. Based on the photos both Allen T. Chartier and Don Gorney believe the bird is most likely a Ruby-throated (Ken Brock).



Pileated Woodpeckers, S. Vigo Co. 16 May photo by Jim Sullivan

Yellow-bellied Sapsucker - On 5 Apr Brad Bumgardner counted (91) during a longshore flight at the Dunes S.P. Green Tower. This is Indiana's second highest count and is exceeded only by the (141) dead birds counted during the 1960 kill on Lake Michigan (Ken Brock). A tardy migrant (a female) was in Forsythe Park, *Lake* on 24 May (K.J.Brock).

Northern Flicker - A monstrous longshore flight of (1127) birds was recorded at the Dunes S.P. Green Tower site on 10 Apr (Brad Bumgardner, B.J. Grube, P.B. Grube, L.S. Hinchman, J.J. McCoy, & K.J.Brock). This total almost doubles the state's previous maximum of 600 (recorded at the same site by B.J. Grube on 8 April 2001).

Yellow-bellied Flycatcher - Interestingly, the first spring report occurred on 10 May, at six different Indiana locations. Observation sites ranged from State Line Woods in the extreme n.w. *Lake*, Indiana to Mounds S.P. in *Madison*.

Great Crested Flycatcher - Indiana's third earliest arrival date was set 10 Apr when M.C. Rhodes found (1) in Ruster Park, *Marion*

Scissor-tailed Flycatcher - Andrew Hoffman (*vide* Jim Sullivan) observed an adult male perched atop power lines on the south side of Terre Haute, *Vigo* 11 May. Another was found by Gary Chupp, Leland Shaum and seen by ten more birders at Cobus Creek County Park in *Elkhart* on 30 May. This is the first spring in which more than one Scissor-tailed Flycatcher was reported in Indiana (Ken Brock). The bird was gone the following day.

Loggerhead Shrike - Marty Jones found (1) just outside Terre Haute on 3 Apr to provide the first Vigo Co record in 26 years.

White-eyed Vireo - The season total was Indiana's second highest, surpassed only by last spring's 484 (Ken Brock).

Blue Jay - A record daily count was set during a 10 May longshore flight at the Green Tower site at Dunes SP, *Porter*. In 4.25 hours 6230 jays (counted by 10s) were observed flying eastward along the dune crests (J.K. Cassady, J.C. Kendall, Brad Bumgardner, & K.J.Brock). Though the pace had slackened, the birds were still streaming past when the counters departed. This tally almost doubles the previous state maximum of 3690. Thanks to the above total and other counts by assiduous longshore flight watchers, Indiana's spring total was an astronomical 22,348. This is the highest ever by almost 10,000.

Fish Crow - This species continued its invasion this spring. On 23 Mar Evan Speck counted (12) at four Posey Co locations. Per Ken Brock, that is a new high count for Indiana and first ever March record. Gary and Lisa Bowman heard (1) in Vincennes four days later, providing Indiana's second March record. On 14 Apr Lou Gardella and Lori Brumbaugh heard (2) call in Patoka River NWR (Pike Co.), to provide the third record for this county. Tim Griffith recorded (2) at the Howell Wetland in Vanderburgh Co on 16 Apr. On 22 Apr Evan Speck reported (2) in

the mining area of NW Warrick Co and a remarkable (14) there on 12 May. L.W. Sterrenburg and Amy Kearns found (4) in Pike Co on 18 May.

Purple Martin - A record season total was punctuated by a count of (137) in seldom-birded Daviess Co 5 Apr (L.W. Sterrenburg and Amy Kearns). The latter report is the state's second highest spring tally.

Marsh Wren -A fine count of (29) was recorded at the Grant Street wetland in *Lake* on 28 May (J.K. Cassady et al.). The season total is an all-time high, barely surpassing last spring's 88 birds.

Veery - One at Eagle Slough (Vanderburgh Co) on 13 Apr (Tim Griffith and Steve Gifford) provided Indiana's fourth earliest arrival date.

Swainson's Thrush - An early arrival was heard in Floyd Co 11 Apr (seen two days later) by Tom and Colleen Becker. This report ties Indiana's third earliest spring date.

Northern Mockingbird - Perhaps as a result of higher birding activity in s.w. Indiana, the spring total of 259 was an all-time high. On 18 May L.W. Sterrenburg and Amy Kearns counted (32) in Dubois (31) and Pike (1) counties. This result is the state's second largest daily count.

Cedar Waxwing - Two significant tallies were logged during Green Tower site longshore flights: (2080) were counted by B.J. Grube on 22 May (Indiana's seventh largest count) and (1310) were tallied the previous day (J.K. Cassady et al.).

"Lawrence's" Blue-winged x Golden-winged Warbler - This very rare hybrid warbler was photographed by Brad Bumgardner in the Heron Rookery on 2 May, singing a Blue-winged Song.

Tennessee Warbler - A male, photographed in the Heron Rookery, *Porter* 14 Apr (Brad Bumgardner), provided the lakefront's second earliest record, tying Indiana's fourth earliest. On the Big May Day Count (14 May) R.J. Pals and Patrick Krueger counted (56) Tennessees in the High Dunes; this is the second highest daily tally ever for the lakefront (Ken Brock).

Northern Parula Warbler - One found at Eagle Slough *Vanderburgh* 28 Mar (Tim Griffith) tied the state's second earliest spring arrival date. On 14 Apr J.H. Campbell counted (21) in *Warrick*; this total ties Indiana's fourth highest count.



Northern Parula Warbler, 10 April

Southern Vigo Co.

photo by Jim Sullivan

Yellow-rumped Warbler - On 27 Apr Sam Plew reported an “Audubon’s” Yellow-rumped at the Richard and Mary Culp Nature Reserve in *LaGrange*. This may be an Indiana first, as Ken Brock could not locate any previous records of this subspecies in Indiana. The season total is a record. A state record daily count was logged 26 Apr during a morning longshore flight at the Green Tower site. Brad Bumgardner conducted a careful count (counting by ones) and tallied a total of (2857) migrants. Yellow-rumpeds began to move at 8:00AM and by 11:00AM the flight had stopped. During the flight peak there was an almost continuous passage of loose flocks of 15-25 birds (Brad Bumgardner & K.J. Brock).

Black-throated Green Warbler - One that appeared at Scales Lake Park in *Warrick* 3 Apr (J.H. Campbell), tied Indiana’s second earliest spring arrival date.

Kirtland’s Warbler - On count day (14 May) Sue Ulrich observed (1) for 4-5 minutes from 12 feet. This is Indiana’s first record in five years and the eleventh record overall (Ken Brock).

Blackpoll Warbler - One seen in the Lake Gibson area 23 Apr (E.M. Hopkins) provided Indiana’s fourth earliest arrival date.



**Male Cerulean Warbler,
Dunes SP, Porter
10 May.**

This bird, found by Brad Bumgardner, sang a buzzy, abbreviated song deemed to be reminiscent of Golden-winged Warbler.

photo by John Cassady

Cerulean Warbler - A singing bird, seen at Eagle Slough in *Vanderburgh* 13 Apr (Tim Griffith and Steve Gifford) tied the state’s third earliest spring date.

Prothonotary Warbler - On a 29 May canoe trip down the East Fork White River from Bedford to Williams (Lawrence Co) Amy & Noah Kearns counted 56, which is Indiana’s second highest count.

Worm-eating Warbler - Dan Leach counted (16) in the n.e. corner of Lawrence Co on the 14 May Big May Count. This tally ties the state’s largest daily count.

Kentucky Warbler - One in the Tecumseh area of *Warrick* on 14 Apr (J.H. Campbell) provided the state’s second earliest arrival date.

Hooded Warbler - One found in Ruster Park (Indianapolis) 10 Apr (M.C. Rhodes) tied the state’s second earliest arrival date.

Summer Tanager - An early arriving male in Fort Wayne, *Allen* 20 Apr (Dedra Gerard) tied Indiana’s ninth earliest spring arrival date. R.P. Rang confirmed the identification the following day. The 205 reported this spring is a record (by one bird), as 204 were reported last year (Ken Brock).

Le Conte's Sparrow - J.J. McCoy found (1) in the Hammond Sanctuary, *Lake* on 6 May for Indiana's only report.

Nelson's Sparrow – This species went unreported for the fourth spring in a row.

Fox Sparrow - The season total of 404 is an all-time high for the spring flight (Ken Brock). The peak count was (30) at Eagle Creek Park on 27 Mar (Larry Peavler).

Harris's Sparrow - A first-year bird was photographed by Rodney Strayer 28 Apr just outside Merry Lea, *Elkhart* by Rodney Strayer.

Lapland Longspur - A molting pair, seen in the L. Gibson area 17 May (C.E. Mills), provided Indiana's latest modern spring record. The only later report involved a specimen collected in Hammond on 14 June 1889. A fine 17 Mar longshore flight at the Dunes S.P. Green Tower site yielded a lakefront record (2270) birds (J.J. McCoy & B.J. Grube). This tally is also Indiana's fifth largest count (Ken Brock).

Smith's Longspur - Larry Peavler et al. logged an impressive (350) at The Burn, *Montgomery* on 31 Mar. This count, Indiana's third largest, contributed to a record season with 1100 reported, including 50 at The Burn, *Montgomery* (Clint Murray, ide Alan Bruner). Three flew past the Green Tower site on 30 Apr (J.J. McCoy) to provide the lakefront's 12th record.

Blue Grosbeak - One on Millersburg Rd. in *Warrick* on 18 Apr (J.H. Campbell) constituted Indiana's third earliest arrival date. An extra-limital singing male was found in *Allen* on 19 May (R.P. Rang). This is that county's fourth record and only the sixth report for n.e. Indiana (Ken Brock).

Western Meadowlark – Two single birds were located on territory; one at Pine Creek GBHA, beginning 4 April *Benton* (Ed Hopkins), and one at Kankakee Sands beginning 29 April (J.J.McCoy), with (2) found there on on 29 April.

Yellow-headed Blackbird – For the first time in years, there were several reports. An adult male was discovered and photographed at the Lebanon Business Park marsh on 17 Apr (R.L. Hedge & Cloyce Hedge). It lingered through the following day and was seen by many additional observers. Quite rare in the High Dunes, an adult male that flew past the Dunes S.P. Green Tower site on 23 Apr (B.J. Grube & Brad Bumgardner), is most noteworthy. A first site record, Penny Starin found a second male for yet another first site record at McCool Basin, *Porter* on 7 May. Most remarkable was a lingering pair at Grant St. wetland, first seen 13 May (J.J. McCoy). The male was still present 1 June (m. ob.).

Orchard Oriole - A count of (24) on the Lawrence County Big May Count (Amy & Noah Kearns) tied Indiana's second highest daily count (Ken Brock).

Baltimore Oriole - A 7 May longshore flight at the Green Tower site yielded (239) birds in 2.5 hours. This is the state's third largest count (Ken Brock).

Common Redpoll – There was a single report, the first individual reported in two years-a single bird in Fort Wayne, *Allen* on 6 March (Don & Marty Ryan, fide Casey Ryan).

Pine Siskin – Siskins turned up in somewhat surprising numbers at 405, following the meager numbers recorded this past winter. The season's peak count occurred 9 Mar when Patrick Krueger logged (40) at Westville feeder.



RESULTS OF THE INDIANA 2010-2011 CHRISTMAS BIRD COUNT
Gary and Lisa Bowman, 2805 Prospect Ave., Vincennes, IN 47591

The 2010-2011 Indiana Christmas Bird Count was conducted between the now standardized dates of 14 December 2010 and 5 January 2011. This year 51 counts were conducted. This is an increase of two over the last three years. In addition, one count was held before the official counting period and therefore could not be used for data purposes. All counts scheduled this year were held. One new count, which we welcome, was held this year. That was Indiana Dunes West.

Weather conditions varied during the count period as usual. The weather immediately preceding the count period was very cold throughout the whole area and snowy in some areas. By mid-week of the first week of count, the temperatures were already nearing zero Fahrenheit. Although the weather moderated some after the first week of the counts, the temperatures continued to remain below normal. Virtually all creeks, ponds, and ditches were frozen and many lakes were as well. By the end of December, temperatures had warmed quite a bit but January 1st brought very windy conditions with Adams County, Elkhart, Muscatatuck NWR, Sullivan County, and Willow Slough all reporting over 20 mile per hour winds and Muscatatuck and Willow Slough actually 30 mph or greater. The Whitewater State Park and Goose Pond counts shared the Cold Spot award with +2 degree temperatures. The Hot Spot was Sullivan County with recorded a downright balmy 61 degrees. Interestingly, Sullivan was the Low Spot last year with +1 degree. Again, as last year, thirty-three counts reported snow cover. The most cover this year was 6 to 10 inches at Indiana Dunes. Only nine counts reported precipitation during the day. Muscatatuck with 0.8 inches and Posey County with 1 inch were the wettest. Only eight counts this year had totally frozen lakes and ponds

There was a decrease in all categories of observation effort this year. That decrease may be due to inclement weather on some counts. This year's total of field observers of 815 is 49 less

than last year but still over 70 more than two years ago. The number of hours teams spent in the field decreased from the previous year by just seventeen hours. Teams spent 1,980.7 hours walking, driving, biking or boating. Likewise, the miles that teams covered decreased. This year, teams covered 12,692.36 miles. This was over a 700 mile decrease from last year but still much higher than two years ago. The number of feeder watchers was an identical 124, as compared to last year. They watched for a decreased total of 260 hours.

668,477 birds were identified on count days. Another 7,178 were identified as to family or group but not to species. A total of 144 species were recorded on count days; plus non-countable Trumpeter Swans, Whooping Cranes, Graylag Goose, one Muscovy duck and a few hybrid Mallards. This is six species less than the number recorded last year. In addition to the 114 count day species, Varied Thrush, Black-legged Kittiwake, and Western Grebe were reported count week but not on count day. The lower species total reflects the absence of any unexpected waders, shorebirds, wrens, warblers, or hummingbirds that we have been able to record the last several years. A total of 6 Whooping Cranes were reported. Twenty-five Trumpeter Swans were seen with most, as usual, at Newport. The count added no new Indiana CBC species again this year although the count week Slaty-backed Gull that showed up in the Calumet-Sand Ridge count circle would have made for a very nice addition. For the fourth straight year, Indigo Bunting was reported; this time at Richmond. For only the fourth time, a Varied Thrush was seen on an Indiana CBC but this time it was for count week only. This one was seen in the Big Oaks count area. For the first time in five years, no American Bittern showed up. Harlequin Duck was present for the fourth year in the last six.

As usual, this year's species numbers compared with last year is quite likely affected greatly by weather conditions both on count days and days preceding counts. Goose numbers all increased except Cackling. Mute Swan numbers were up but Tundra Swan numbers were down. Duck numbers were mainly down and in some cases down drastically but a few species showed increased numbers. Loons and grebes were down. Black Vulture numbers were up after a drop last year but Turkey Vulture numbers were down markedly. Bald Eagle numbers went back above the 200 level after a drop last year and reached a record high of 229. The eight Golden Eagles reported was the average for the last two previous years. Accipiter numbers were mixed while Buteo numbers were all up. Falcon numbers were up except for a decrease in American Kestrels. Gull numbers were mixed. The more expected gulls; Bonaparte's, Ring-billed, and Herring; were all down but the more unusual gulls; Thayer's, Iceland, Lesser Black-backed, Glaucous, and Great Black-backed; were all up. Plus, of course, there was the count week Slaty-backed Gull. Eurasian Collared-Dove continued its increases by doubling last year's count with 53 this year after a big drop last year which was most likely weather related. Owl numbers for the most part were down. Woodpecker numbers pretty much stayed the same or increased slightly with the exception of Yellow-bellied Sapsucker which almost tripled its numbers from last year. Corvids were mixed. Chickadees, titmice, and nuthatches held their own or were up with Red-breasted Nuthatches up greatly. Creepers and all wrens were down or absent but kinglets were up. A couple unexpected thrushes were reported; a documented Swainson's Thrush at Lake Monroe as well as the fore-mentioned Varied Thrush. The Mimidae family represented itself well with one count day and one count week Gray Catbird, 378 Northern Mockingbirds, and six Brown Thrashers. After a large increase last year, pipit numbers were way down this year while waxwing numbers rebounded. Both were reversals of changes last year. Sparrow numbers were mixed. Snow Bunting numbers rebounded from their 75 percent

drop last year increasing six-fold. Blackbird numbers were up except for grackles and cowbirds. Rusty Blackbirds tripled. Finch numbers were all up except for goldfinches.

For the fourth year in a row now, Goose Pond led all counts in the number of species recorded. Its total this year was 103 plus non-countable Whooping Cranes. Again, as last year, that was the only count to tally one hundred species this year. Western Gibson for the second year in a row both tallied 95 species and finished second. The Lake Monroe count was the only other to have at least 90 species. They were in third place with 91. Seven counts tallied in the eighties this year. The count species average of 61.86 was very slightly higher than last year's 61.71 average. The median was 63 this year, up from 62 last year.

The state map shows the location of each count circle. There are still areas of the state that are not covered by any counts.

We continue to encourage submission of pictures in jpeg format of any birds or birders and activities during Christmas counts. Please, keep this in mind for the 2011-2012 count.

The COUNT CIRCLES section gives information on the species total and total bird numbers seen on the count as well as any birds seen count week only, any documentations and other information the count compiler brought to our attention such as species high or low counts or new species to their count as well as listing the name of the compiler and the names of participants in the count except when the compiler requested that we not publish participant names or when we were unable to obtain them. This is also the section in which we report any exotics. Even though not countable, please report them so that we can include them in the article for archival purposes.

The data tables show species information as well as participant numbers, miles covered, time spent, and weather conditions encountered. This is similar to how it was presented in the past. In a few cases, when we were unable to obtain data, "ns" is marked for "not submitted". Because of this, the total in the tables this year for hours on foot, by boat/bike, and by car does not equal the total party hours. The same applies for miles. Hopefully this will be a one-time only occurrence.

Thanks to all of the compilers and observers for their work in making this compilation possible. Thanks also to all of the observers who submitted their documentations of their unusual birds. The report forms downloadable on the Indiana Audubon web site in the winter show which species need to be fully documented or briefly detailed explaining how the identification was determined. When you are in doubt as to whether a bird needs to be documented and detailed or not, please, always do. It makes evaluation much easier and is archived for future reference. Thanks also to National Audubon Society's state editor, John Cassady, for his assistance in acquiring some of the documentations. And thanks to Geoff LeBaron of the National Audubon Society for sending us partial reports of three that we had been unable to obtain.

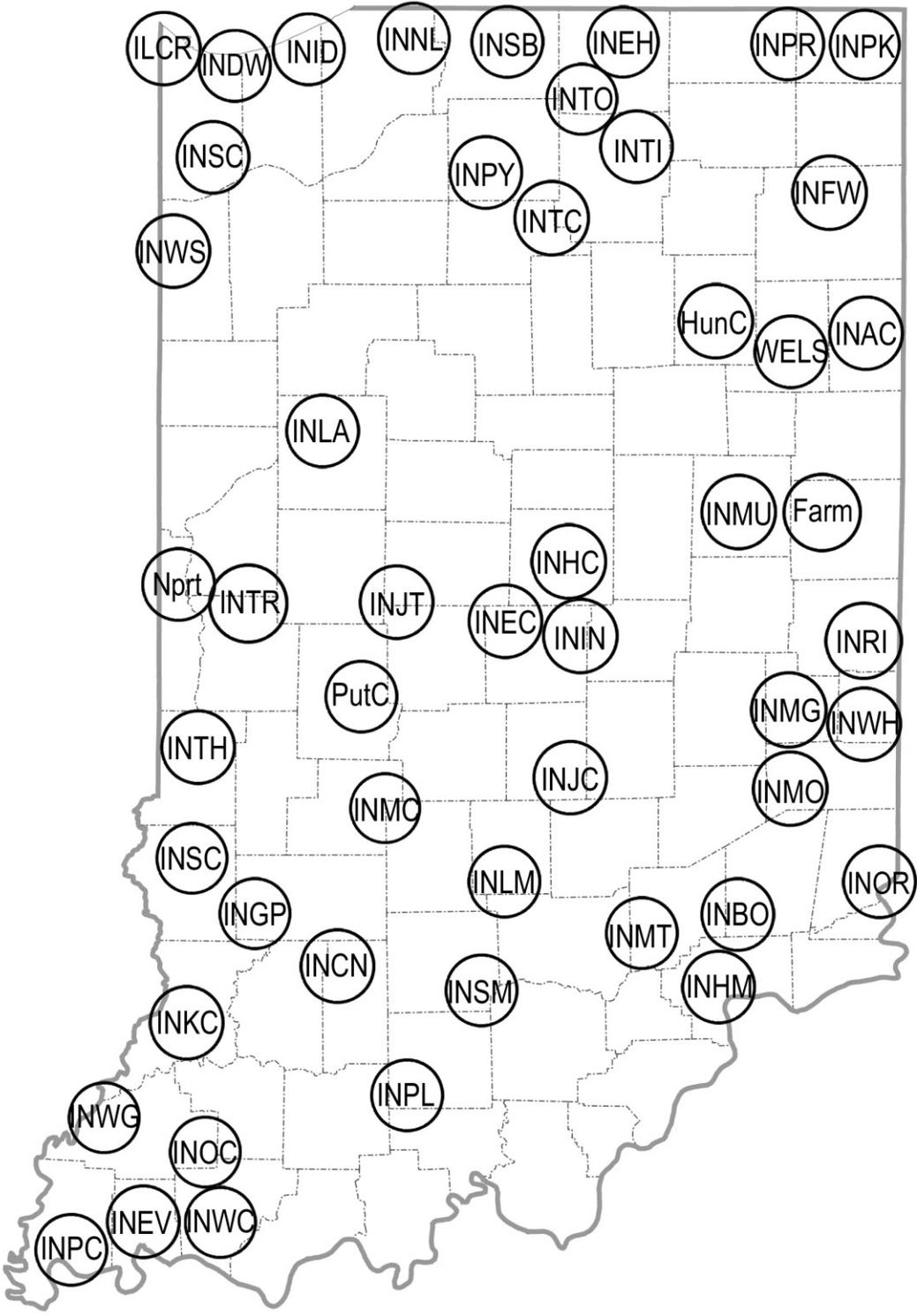


Figure 1 20010-2011 Indiana CBC Map



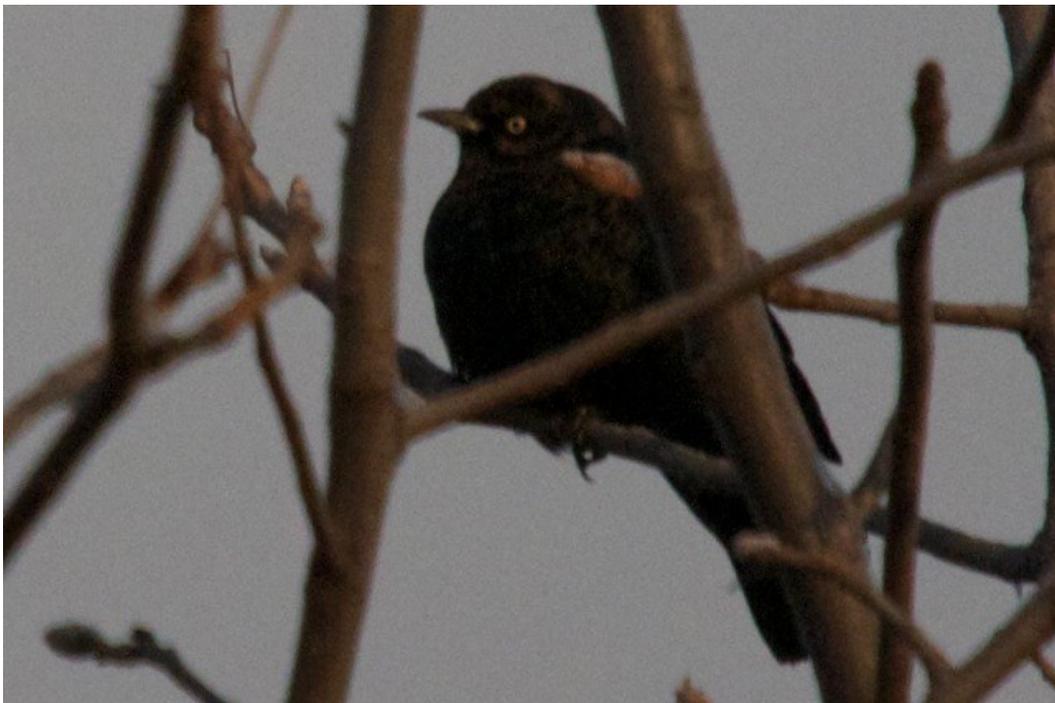
Figure 2. Vesper Sparrow, Goose Pond CBC, 15 Dec. 2010 photo by Rob Ripma



Figure 3. Pomarine Jaeger, Indiana Dunes CBC, 18 Dec. photo by J.C. Kendall



**Fig. 4. Red-headed Woodpecker, Oldenburg CBC, 1 Jan. 2011
photo by Paul Wauligman**



**Figure 5. Rusty Blackbird – Western Gibson CBC, 19 December 2010
Photo by Evan Speck**



Figure 6. Harris's Sparrow, Lake Monroe CBC, 18 Dec. 2010
Photo by Susan Hengeveld



Figure 7. Sullivan County CBC Participants

Photo by Michael Brown

Figure 7. Participants at lunch break – Sullivan County CBC, 31 December 2010

Front row left to right: Michael Brown, Marty Jones, Don Gorney, Steve Lima

Back row left to right: George Sly, Joe Dickson, Lee Sterrenburg, Peter Scott, Janet Creamer

Count Circles

1) Adams County (INAC):

Species: 34 Individuals: 2,520 Compiler: Larry Parker **Observers:** Dorothy Moser, Earlene Moser, Jerry Moser, Rose Moser, Jerry Parker, Larry Parker, Charles Oswalt, Ruth Oswalt

2) Big Oaks NWR (INBO):

Species: 47 plus Black Vulture, Belted Kingfisher, Hermit Thrush, and Varied Thrush seen count week. **Individuals: 1,249** Details on Varied Thrush and Peregrine Falcon. Photos of Peregrine Falcon **Compiler:** Joe Robb **Observers:** Beth Black, Stephanie Black, Kim Brinson, Ashley Buchanan, Mary Kay Butler, Daniel Butler, Todd Gerardot, Jessica Gray, Kate Gray, Kavan Gray, Daryl Karns, Joe Robb, Walt Seeds, Pat Stack, Gary Stegner, Perry Williams, Hilliary Williams

3) Calumet-Sand Ridge (ILCR):

Species: 63 plus count week White-winged Scoter, Black Scoter, Slaty-backed Gull, Northern Shrike, American Pipit, Cedar Waxwing, and Lapland Longspur **Individuals: 2,615 Compiler:** Bob Harrison **Observers:** Anne Bawinkel, Janet Brezene, Marcella Ciucki, Gene Cole, Dorothy Kaluf, Nancy Koselke, Carolyn Marsh, Barbara Meeker, Linda Strange, Pat Strange, Jim Sweeney Note: totals are for the Indiana portion of the count only

4) Crane Naval Weapons Support Center (INCN):

Species: 55 plus 6 non-countable Trumpeter Swans **Individuals:** 2,393 **Compiler:** Harmon P Weeks

Observers: Anthony Sipes (the only name listed)

5) Eagle Creek Valley (INEC):

Species: 67 **Individuals:** 10,613 **Compiler:** Karen La Mere **Observers:** Sue Arnold, Ken Badger, Lou Anne Barringer, Lyn Berling, Craig Broeking, Chris Burris, Michelle Cloud, June DeLong, Lorna Drummond, Scott Enochs, Kathy Feldman, Roger Hedge, Steve Housefield, Bill Hummel, Lindsey Hummel, Barb Jablonski, Paul Jablonski, Karen La Mere, Don McCarty, Donna McCarty, Jim McGinity, Cindy Meyer, Ted Meyer, John Munshower, Marcia Munshower, John Pankhurst, Roxanne Pannell, Debbie Patrick, Randy Patrick, Larry Peavler, Reta Rutledge, Spike Selig, Laura Sexson, Doug Sherow, Greg Steffan, Barry Stern, Judy Stern, John Sumner, Nancy Tikijian, Candace Ulmer, John Ulmer, Mike Vendely, Laurie Voss, Bill Wagner, Janet Wagner, Leslie Warner, Michael White, Don Williams, Betsy Wilson

6) Elkhart County (INEH):

Species: 81 **Individuals:** 14,893 Peregrine Falcon and Ross's Goose documented **Compiler:** Ronda DeCaire **Observers:** Jim Bare, Trice Berkley, Kim Boulton, Aimee Bjornstad, Andrew Bontrager, Dennis Bontrager, Myron Bontrager, Tim Cataldo, Gary Chupp, John Davis, Ronda DeCaire and family, Mary Beth Dickey, Glen Dyksen, Judy Ferrell, Dwight Fish, Larry Ford, Missy Grose, Ben Grossman, Lindsay Grossman, Tom Grubaugh, Becky Gute, Elaine Harley, John Harley, Marilyn Horvath, Janeen Johnson, Gary Keister, Melissa Kinsey, Craig Kirkwood, Evie Kirkwood, Nancy Kitson, Merlin Lehman, Shirely Leinbach, Kerri Lyle, Mary Martin, Marcus Miller, Perry Miller, Scott Namestnik, Suzy O'Donnell, Al Peachy, Marlene Pratt, Don Presser, Kelly Regier, Lois Rhodes, Susan Rowe, Kestin Schulz, Leland Shaum, David Stenberg, Dan Stoltzfus, Levi Lee Troyer and sons, Ray Troyer, Anne Turnock, Jack Turnock, Teri Wiley, Enos Yoder, Jason Yoder, Leon Yoder, Monica Yoder, Perry Yoder, Ron Yoder, Verda Yoder, Robert Zoller, Wanda Zollar

7) Evansville (INEV):

Species: 73 plus non-countable Muscovy Duck **Individuals:** 22,215 **Compiler:** Brian Taylor **Field Observers:** David Ayer, Carolyn Barron, Carolyn Bennett, Jim Bratt, Dan Collins, Ron Crawford, Mark Dominick, Greg Gordon, Tim Griffith, Grant Hartman, Delores Heeger, Steve Heeger, Nancy Hitch, Ted Hitch, Dave Hodges, Lisa Hoffman, Al Langen, Chris Langen, Philip Lax, Mel Lodato, John Meredig, Bob Meier, Marica Onnybecker, Carol Pettys, Jason Reffett, Steve Rose, Art Schroeder, Ryan Slack, Kathi Solecki, Evan Speck, Marilyn Swonder, Brian Taylor, Josie Taylor, Dawn York

8) Farmland (Farm):

Species: 34 **Individuals:** 3,435 **Compiler:** Connie Howell **Observers:** Connie Howell, Nina Howell, Stephen Howell, Tom Howell, Kay Ulrey

9) Fort Wayne (INFW):

Species: 53 plus Sharp-shinned Hawk, Carolina Chickadee, Eastern Towhee, Red-winged Blackbird, Common Grackle were seen count week **Individuals:** 5460 Carolina Chickadees detailed. **Compiler:** Jim Haw **Observers:** Sr. Mary Joan Ginsterbaum, Terri Gorney, Jim Haw, Frannie Headings, Ted Heemstra, Valerie Pelz, Cynthia Powers, Ed Powers, Rodger Rang, Casey Ryan, Don Ryan, Steve Sarratore, Sandy Schacht, Carole Smith, Ryan Smith, Ann Walton, Bob Walton, Galen Yordy

10) Goose Pond (INGP):

Species 103 Plus a Cedar Waxwing that was seen during count week as well as 2 non-countable Whooping Cranes count day **Individuals:** 77,988 Cackling Goose, Ross's Goose, Golden Eagle, Northern Shrike, Chipping Sparrow, Brewer's Blackbird were either detailed or documented. Photo of Vesper Sparrow **Compiler:** Lee Sterrenburg **Observers:** Don Allen, Bill Barnes, Jonathan Bauer, Sandy Belth, Adam Beteul, Gary Bowman, Lisa Bowman, Ross Brittain, Jim Brown, Mike Clarke, Derek Coomer, Janet Creamer, David Daniels, Bob Dodd, Jerry Downs, Brad Feaster, Steve Gilstrap, Don Gorney, Terri Greene, Jess Gwinn, Roger Hedge, Jim Hengeveld, Susan Hengeveld, Ross Hill, Bill Holladay, Steve Housefield, Amy Kearns, Bob Kissel, Gary Langell, Chuck Mills, Jim Mitchell, Linda Oblack, Larry Peavler, Eric Ripma, Rob Ripma, Sally Roth, George Sly, Evan Speck, Lee Sterrenburg, Don Whitehead, Chad Willaims

11) Hamilton County (INHC):

Species: 50 **Individuals:** 3,229 **Compiler:** Art Jeffries **Observers:** Ken Badger, Roberta Badger, Terry Bellenger, Lou Anne Barriger, Marilyn Berling, Jeff Canada, Gordon Chastain, June Delong, Debbie Eberly, Norman Eden, Beth Eikenberry, Lynn Eikenberry, Scott Enochs, Kathy Feldman, Judy Fredrick, Ellie Hopkins, Art Jeffries, Nick Keihl, Debra Lloyd, Becky Lomax-Sumner, Kathryn Mascaro, Rhonda McCammack, Cindy Meyer, Ted Meyer, Don Miketa, Nancy Myers, Polly Nicely, Greg Osland, Larry Peavler, Dan Popiela, Eric Ripma, Chandler Roberts, Michelle Roberts, Keith Starling, Shannon Stewart, John Sumner, Janet Tuten, Mike Vendely, Leslie Warner, Richard Wiesler, Martin Williams

12) Hanover-Madison (INHM):

Species: 50 plus Peregrine Falcon seen count week. The count recorded their first Redhead which was documented. **Individuals:** 2,331 **Compiler:** Dick Davis **Observers:** David Atkinson, Kevin Carlson, Paul Carmony, David Cassel, Dick Davis, Matt Demaree, Bill Hulsmann, Jill Hulsmann, Randy Inglis, Tina Jones, Kim Kirchner, Sally Lacy, Hal Madison, Joan Madison, Bill Poindexter Feeder Watchers: Mary Clashman, Marcella Modisett

13) Huntington County (HunC):

Species: 31 plus count week Horned Lark **Individuals:** 1,795 **Compiler:** Ellen Eppard **Observers:** Ellen Eppard, Betty Wallace

14) Indiana Dunes National Lakeshore (INID):

Species: 87 plus Gadwall, Canvasback, Western Grebe, Bald Eagle, Black-legged Kittiwake, Brown Thrasher, and Fox Sparrow seen count week and non-countable Greylag Goose seen count day **Individuals:** 11,421 Pomarine Jaeger was documented and photos were taken. **Compiler:** Brad Bumgardner **Observers:** Alan Anderson, Rob Albrecht-Mallinger, Bobbie

Asher, Aaron Boone, Ken Brock, Brad Bumgardner, John Cassady, Tim Cole, Mary Ann Crayton, Carol Fialkowski, Conrad Fialkowski, Sean Fitzgerald, Bummer Gacsko, Donna Gonzalez, Brendon Grube, Phyllis Jacobs, Matt Kalwasinski, John C. Kendall, Ron Klingensmith, Richard Knutson, Bernie Konrady, Lynda Landcaster, Eric Lunquist, John McDonnell, Don Mohar, Peg Mohar, Cora Sue Nicholas, Randy Pals, Richard Pixler, Mark Ranfranz, Nancy Reiter, Chuck Roth, Tracy Spurgeon, James Starin, Penny Starin, Chris Van Wassenhove, Jim Zervos, Tracy Zervos

15) Indiana Dunes West (INDW):

Species: 26 Individuals: 548 Compiler: Christine Gerlach **Observers:** Lynda Lancaster, Robert Langele, Sandy O'Brien, Tim Violette

16) Indianapolis Northeast (ININ):

Species: 64 Individuals: 8,679 Chipping Sparrow details were submitted. **Compiler:** John Schaust **Field Observers:** Adam Barnes, Linda Bishop, Mike Bishop, Cliff Chapman, Brian Cunningham, Tracy Duncan, Bill Feltz, Debbie Feltz, Dave Fox, Don Gorney, Mary Hayes, Jeanette Holland, Jack Levy, Andrew Mertz, Cheryl Miller, Mike Molnar, John Schaust, Anne Sharp, Dave Strickland, Susan Strickland, Kevin Strunk

17) Jamestown (INJT):

Species: 46 plus Red-breasted Nuthatch count week **Individuals: 2,973 Compiler:** Roger Hedge **Observers:** Frank Drumwright, Peggy Harger-Allen, Cloyce Hedge, Roger Hedge, Mike Homoya, Wes Homoya, Steve Housefield, Rick Martin

18) Johnson County (INJC):

Species: 66 Individuals: 5,287 Northern Shrike documented **Compiler:** Mike Clay **Observers:** Mike Clay, Ann Deutch, Tom Hougham, Art Howard, Karen Lunsford, James Mitchell, Barb Otte, Karen Wade, Mike Wade, Don Whitehead

19) Knox County (INKC):

Species: 75 plus American Black Duck and Rough-legged Hawk seen count week **Individuals: 30,326** The one new species added to the count was Rusty Blackbird **Compiler:** Gary Bowman **Observers:** Gary Bowman, Lisa Bowman, Adam Cronk, Tom Cronk, Mark Crowley, Stacy Dodson, Rene LaMontagna, Kenny Neighbors, Pat Neighbors, Jane Nowaskie, Steve Nowaskie, Judy Runkel, Betty Schuur, Dave Schuur, Julie St John, David Staver, Lee Sterrenburg, Becky Turner. Feeder watchers were Nancy Anderson, Judy Harrison, Jon Herr, Joni Herr.

20) Lafayette (INLA):

Species: 83 plus Red-shouldered Hawk and Gray Catbird seen count week **Individuals: 30,124** Blue-winged Teal and Brower's Blackbird documented **Compiler:** Ed Hopkins **Observers:** not submitted

21) Lake Monroe (INLM):

Species: 91 Individuals: 9,085 Documented Swainson's Thrush **Compiler:** Jim Hengeveld
Co-compiler Susan Hengeveld **Observers:** Don Allen, Robert Barber, Jonathan Bauer, Carolyn Begley, Jeffrey Belth, Sandy Belth, Ben Branson, Judith Brennan, Jim Brown, Fred Churchill, Mike Clarke, Derek Coomer, Dave Crouch, Sally Crouch, Jiri Dadok, David Daniels, Jason Dicks, Bob Dodd, Jerry Downs, Milt DuCharme, Steve Dunbar, Andy Durkin., Julia Ferguson, Phil Ferguson, Christian Freitag, Steve Gilstrap, Spencer Goehl, Jim Goodson, Philippa Guthrie, Jess Gwinn, Don Hall, Jim Hengeveld, Susan Hengeveld, Dawn Hewitt, Bill Holladay, Jeremy James, Joanne Kelly, Phil Kelly, John Lawrence, Dan Leach, Margaret Londergan, Bill Lorton, Nancy Martin, James Mitchell, Diane Port, Robert Port, Jen Richardson, Jeff Riegel, Greg Simon, Lee Sterrenburg, Rod Suthers, Alex Tandford, Philippa Tanford, Isabel Vernaza, Don Whitehead

22) Mary Gray Sanctuary (INMG):

Species: 37 Individuals: 693 Compiler: Carl Wilms **Observers:** Tim Keller, Pam Keller, Bill Herrmann, Pam Herrmann

23) McCormick's Creek State Park (INMC):

Species: 67 Individuals: 5,322 Compiler: Sandy Belth **Observers:** Sandy Belth, Ross Brittain, Jeanie Cox, Milt DuCharme, Jess Gwinn, Jo Hargeshimer, Dawn Hewitt, Bill Holladay, Bob Kissel, Bill Lorton, Cathy Meyer, James Mitchell, Joan Tenhoor

24) Michaela Farm/Oldenburg (INMO):

Species: 51 Individuals: 3,836 photos of Red-headed Woodpecker were sent **Compiler:** Wayne Wauligman **Observers:** Ben Cooley, Kathy Cooley, Ted Cooley, Chris Fox, Tracy Fox, Ned Keller, John Krieger, Synda Lowe, Kathy McDonald, Jeff Meadows, Joan Miller OSF, John T. Moore, Ann Marie Quinn OSF, Donna Prickel OSF, Deborah Reynolds, Pat Riley, Mary Robertson, Mike Robertson, Paul Selkirk, Charmian Seright, Wayne Wauligman, Jeff Wilson, Lucas Wilson

25) Muncie (INMU):

Species: 38 plus Mute Swan, Cooper's Hawk, American Coot, Belted Kingfisher, Eastern Towhee, White-throated Sparrow, and Pine Siskin seen count week **Individuals: 4,279**
Compiler: Bill Grummer **Observers:** Bill Grummer, Martha Hunt, Charlie Mason, Barb Stedman, Jean Ulman, Jennifer Wagner

26) Muscatatuck National Wildlife Refuge (INMT):

Species: 60 plus 4 non-countable Whooping Cranes **Individuals: 2,681** **Compiler:** Donna Stanley **Observers:** Robert Barber, Erich Baumgardner, Tom Becker, David Carr, Mike Laay, Colleen Craven-Becker, Gary Dorman Sr, Gary Dorman, Nancy Dorman, Rebecca Dorman, Theresa Fultz, Steve Gilstrap, Jerry Lippert, Mar Sue McCalla, Jeff Riegel, Matt Stenger, Travis Stoelting

27) Newport (Nwpt): Species: 70 plus non-countable 18 Trumpeter Swans **Individuals: 8,170** **Compiler:** Alan Bruner **Observers:** Alan Bruner, Phil Cox, Karen Henman, Marty Jones, Steve Lima, Peter Scott, Patsy Steffen, Ron Weiss

28) Northeast LaPorte County (INNL):

Species: 46 Individuals: 6,077 Compiler: Dennis Richardson **Observers:** Susan Bagby, Margaret Carson, Rose Deutcher, Dick Glassman, Pat Janz, Steve Laue, Pennie Lombard, Virginia Martin, Elizabeth McCloskey, Dennis Richardson, Frances Sipocz-Richardson, Jim Simon, Allen Warren, Joan Wisnieski

29) Oakland City (INOC): Species: 82 plus Bald Eagle and Bonaparte's Gull during count week **Individuals: 19,465** Three new species Greater White-fronted Goose, Ross's Goose, and Winter Wren were added to the count. In addition species High Counts for their circle were established including Cackling Goose, Bald Eagle, Eastern Screech-Owl, Great Horned Owl, Yellow-rumped Warbler, and Common Grackle. **Compiler:** Dan Collins **Observers:** David Ayer, Dan Collins, Ben Fritz, Nancy Gehlhausen, Travis Harris, L.D. Harry, Charles Mills, Marietta Smith, Evan Speck, Brian Taylor, Montana Taylor, Josie Taylor, Richard Vernier, Sue Vernier, Vicky Whitaker

30) Ohio River (INOR):

Species: 84 plus Cackling Goose and Lesser Scaup seen count week **Individuals: 22,367**
Compiler: Paul Wharton **Observers:** Joe Bens, Tom Czubek, Bobby Foppe, Darlene Graham, Mark Gilsdorf, Ned Keller, Jack Stenger, Jim Stinchcomb, Paul Wharton

31) Patoka Lake (INPL):

Species: 79 Individuals: 6,451 Compiler: John Castrale **Observers:** David Ayer, John Castrale, Mike Clarke, Howard Detweller, Steven Gilstrap, Jim Hengeveld, Susan Hengeveld, Dave Howell, Robert Kissel, Dan Leach, Chuck Mills, Keegan Ramey, Lee Sterrenburg

32) Pigeon River Fish and Wildlife (INPR):

Species: 53 plus Red-shouldered Hawk, Cedar Waxwing, Purple Finch, and Pine Siskin seen count week **Individuals: 4,772** Eurasian Collared-Dove detailed **Compiler:** Gary Tieben
Observers: Richard Cooney, Chad Harber, Louis Harber, Jim Haw, Ted Heemstra, Christine Hurley, Peter Hurley, Richard Hurley, Sandy Schadt, Gary Tieben

33) Plymouth (INPY):

Species: 58 Individuals: 2,821 Compiler: Matthew Enos **Observers:** Eden Augustine, John Chapman, Chistine Collier, Diane Hays, Michael Hooker, Thomas Leggett

34) Pokagon State Park (INPK):

Species: 64 Individuals: 7,667 Photo of Virginia Rail and Northern Shrike. Wilson's Snipe was documented **Compiler:** Fred Wooley **Observers:** Rindi Baildon, Marjorie Blackburn, Brad Bumgardner, Jim Haw, Laura Jaicomo, Mike Jaicomo, Maggie Jaicomo, Dan Klopfenstein, Jacob Lothamer, Lance Lothamer, Diana Lutz, Paul McAfee, Jeff McCoy, Holly Meyers, Cynthia Powers, Ed Powers, Graham Rowe-Bultinck, Sandy Schacht, John Schaust, Sue Treesh, Fred Wooley, Fred Zilch, Darci Zolman

35) Posey County INPC):

Species: 68 Individuals: 70,952 Compiler: Brain Taylor **Observers:** Jim Bandoli, Patricia Burden, Larry Caldwell, Travis Harris, Al Langen, Chris Langen, Nick Langen, Ann McDonald,

John Meredig, Marcia Onnybecker, Vivian Ruff, Sharon Sorenson, Brian Taylor, Josie Taylor, Chuck Watson, Mary Ann Watson

36) Putnam County (PutC):

Species: 48 plus Cedar Waxwing and Golden-crowned Kinglet seen count week **Individuals: 3,345** **Compiler:** Jerome Rud **Observers:** Judy Aikman, James Gammon, Betty Graffis, Tom Graffis, Clint Maddox, Dana Maddox, Whitney Morrill, Roxanne Pannell, Emily Poor, Jim Poor, Jerry Rud, Lynne Tweedie, Don Williams

37) Richmond (INRI):

Species: 62 plus Common Grackle and Brown-headed Cowbird seen count week **Individuals: 6,782** Good details Brown Thrasher, Indigo Bunting and Chipping Sparrow **Compiler:** Jim Seaney **Observers:** Bill Buskirk, John Moore, Phoebe Oaks, Wendy Tori, Jim Seaney, Ron Williams

38) South Bend (INSB):

Species: 69 **Individuals: 8,918** **Compiler:** Victor Riemenschnieder **Observers:** Alice Bently, John Bently, Dan Brazo, Louise Fessenden, Dick Fessenden, Robert Fessenden, Laura Fuderer, Marcie Inman, Craig Kirkwood, Evie Kirkwood, Bob Leliaert, Linda Leliaert, Abigail Lima, Sam Lima, Kathy Malloney, Dan Mauro, Brian Miller, Scott Namestnik, Beth Riches, Marge Riemenschneider, Vic Riemenschneider, Sarah Sass, Steve Sass, Paul Scherer, Joan Tweedell, Lynn Vernon

39) Southern Lake County (INSC):

Species: 38 **Individuals: 1,882** **Compiler:** Barb Dodge and Chris Salberg **Observers:** Fran Bascom, Barb Dodge, Barb Lucas, Gayle MacBride, Jeff Manes, Linda McGinnis, Marti Pizzini, Chris Salsberg, Jim Sweeney **Feeder Watchers:** Darcy Petyko, Sandy Stropky, Bird Groet

40) Spring Mill State Park (INSM):

Species: 79 plus Wilson's Snipe and Northern Shrike seen count week **Individuals: 6,291** details received for Merlin, Golden Eagle, Black Vulture, Eurasian Collared-Dove, and Barn Owl. American Pipit was new to the count. **Compiler:** John Castrale **Observers:** Bob Ball, Bob Barber, John Castrale, Howard Detweiler, Steven Gilstrap, Jess Gwinn, Amy Kearns, Noah Kearns, Dan Leach, Cathy Meyer, Joan Middendorf

41) Sullivan County (INSU):

Species: 86 **Individuals: 69,400** details were given for Cackling Goose and Merlin. **Compiler:** Michael Brown **Observers:** Michael Brown, Joe Dickson, Steve Kuntz, Steve Lima, Peter Scott, Lee Sterrenburg

42) Terre Haute (INTH):

Species: 87 plus Cackling Goose, Mute Swan, and Peregrine Falcon seen count week **Individuals: 36,032** **Compiler:** Peter Scott **Observers:** Michelle Baird, George Bakken, Laura Bakken, Adam Betuel, Jenny Bodwell, Dick Bonness, Michael Brown, Jennie Carr, Jane Chestnut, Jane Creedon, Susie Dewey, Joe Dickson, Mary Beth Eberwein, Cathy Frakes, Mike Gerringer, John Haag, Marty Jones, Scott Kidder, Vanessa Kinney, Steven Lima, Brenda

Milliren, Phil Milliren, Andy Prothero, Denise Prothero, Joy Sacopulos, Mike Sacopulos, Jeff Schaffer, Peter Scott, Dave Stanley, Jim Sullivan, Henry Tamar, Margaret Tamar, Dan Weber

43) Tippecanoe (INTI):

Species: 68 Individuals: 5,653 plus 3 Mallard hybrids seen **Compiler:** David Hicks
Observers: Margit Codispoti, Al Crist, Beth Deimling, Constance Doud, Steve Doud, Steve Hammer, Dave Hicks, Joel Hogle, Shane Hogle, Deborah Hustin, Casey Jones, Bruce Ruisard, Jim Townsend

44) Topeka (INTO):

Species: 55 Individuals: 13,368 Compiler: Daniel Stoltzfus **Observers:** not submitted

45) Tri-County Rochester (INTC):

Species: 37 Individuals: 1020 Compiler: Thomas Leggett **Observers:** Larry Beeson, Bryce Fisher, Mark Fisher, Kurt Garner, Mark Gidley, Margaret Jurkewicz, Jeffrey Klinefelter, Michael Stephan, Lynne Utter

46) Turkey Run State Park (INTR):

Species: 67 Individuals: 5,115 Compiler: Alan Bruner **Observers:** Alan Bruner, Travis Devault, Kathy Feldman, Tony Gonazrow, Roger Hedge, Karen Henman, Steve Housefield, John Lima, Steve Lima, Clint Maddox, Dana Maddox, Brenda Milliren, Phil Milliren, Peter Scott

47) Warrick County (INWC):

Species: 72 plus count week Ruddy Duck and Pied-billed Grebe **Individuals: 28,954**
Compiler: Brian Taylor **Observers:** Jim Campbell, Mary Jo Campbell, Margi Griffith, Tim Griffith, Emily Hamilton, Heath Hamilton, Jim Hamilton, Travis Harris, Philip Lax, Jim Lodato, John Meredig, Ellen Roper, Steve Rose, Brian Taylor, Josie Taylor

48) Wells County (WELS):

Species: 37 Individuals: 3,424 Compiler: Ruth Oswalt **Observers:** Jim Bloomfield, Pat Bloomfield, Justin Dubach, Ken Dubach, Bill Fuller, Kathy Fuller, Phyllis Gentry, Robert Lewandowski, Marilyn Lewandowski, Jerry Moser, Ruth Oswalt, Charles Oswalt, Jerry Parker, Larry Parker, Rose Robinson, Mick Ulmer

49) Western Gibson County (INWG):

Species: 95 plus one non-countable Trumpeter Swan **Individuals: 11** Ross's Goose, Gray Catbird, and Brewer's Blackbird documented. Cackling Goose, Ross's Goose, Trumpeter Swan, Golden Eagle, Osprey, Eurasian Collared-Dove, and Chipping Sparrow were detailed. Photo of Brewer's Blackbird. Golden Eagle and Chipping Sparrow were new species **Compiler:** Charles Mills **Observers:** David Ayer, Gary Bowman, Lisa Bowman, Dan Collins, Ben Fritz, Leroy Harrison, Charles Mills, Bob Shelby, Ryan Slack, Marietta Smith, Evan Speck, Dave Staver, Lee Sterrenburg, Terry Tichenor, Dawn York

50) Whitewater State Park (INWH):

Species: 76 plus Bonaparte's Gull and Great Horned Owl seen count week **Individuals: 5,685**
Details Eurasian Collared-Dove **Compiler:** Jim Seaney **Observers:** Bill Buskirk, Deb
Chagares, Jim Chagares, Sam Fitton, Bob Holmes, David Russell, Jill Russell, Jim Seaney,
Kathleen Tiller, Tom Tiller, Fran Tomassetti, Wendy Tori, Ron Williams, Samantha Williams,
Amy Wilms, Carl Wilms

51) Willow Sough-Iroquois Preserve (INWS):

Species: 50 plus Red-breasted Nuthatch and Eastern Towhee seen count week **Individuals:**
3,060 **Compiler:** Ed Hopkins **Observers:** not submitted

Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
	INAC	INBO	ILCR	INCN	INEC	INEH	INEV	Farm	INFW	INGP	INHC	INHM	HunC	INID	INDW	ININ	INJT	INJC	INKC	
Gr. White-fronted Goose										155									113	
Snow Goose					6	1				3										
Ross's Goose						1				1										
Cackling Goose				10		1	11	10		6									2	
Canada Goose	319	150	224	480	1596	6524	2119	159	1229	3914	63	600	487	1506	229	1704		1268	3776	
Mute Swan			2	4			315				1			3		8				
Tundra Swan										5										
Wood Duck								1		3						1		1	3	
Gadwall			2	14			25	3		139				CW					38	
American Wigeon				6	2	3	23			18								1	11	
American Black Duck										54		20		8		3			CW	
Mallard	59		188	2	168	2792	332	13	260	2056	153	95	450	554		1289		278	516	
Blue-winged Teal					1															
Northern Shoveler										2	8								7	
Northern Pintail			1				8			2									2	
Green-winged Teal						1				13										
Canvasback			8			1				2				CW					1	
Redhead			9	1						6				4				10		
Ring-necked Duck					1	5	35			132								28	45	
Greater Scaup			160							2				28						
Lesser Scaup						9								67					5	
Harlequin Duck			1											1						
Surf Scoter			1											1						
White-winged Scoter			CW											1						
Black Scoter			CW											5						
Long-tailed Duck														2						
Bufflehead			4	2			21			1				17					20	
Common Goldeneye			83	2	1	173				3				59		2			5	
Hooded Merganser			14	90			43			3			2	11				7	14	
Common Merganser			3				14			2				37						
Red-breasted Merganser			8											58						
Ruddy Duck			9				9	1		6				4		1		6	8	
Ring-necked Pheasant														1						
Wild Turkey		153		38			45	90		3	75	2	28	16			16	12		
Northern Bobwhite								3		21								12	5	
Common Loon														1						
Pied-billed Grebe						1	1	3		7				2		2		1	6	
Horned Grebe			1		1	1								2						
Western Grebe														CW						
Double-crested Cormorant				16										11						
Great Blue Heron	3	1	1		4	7	15		2	28	7	11		3	2	20	2	2	7	
Blk-crowned Night-Heron				13																
Black Vulture			CW											29						
Turkey Vulture			1					4		7	38			12				1	1	
Osprey																				
Bald Eagle		1		2	4	9	3			6	1	3		CW		2	2	3	2	
Northern Harrier	3	4			1		6	1		66	1				1	1		2	7	
Sharp-shinned Hawk					3	2	1	2	CW	2				2					1	
Cooper's Hawk	2	1	4	1	6	20	8		8	9	5	2		8		8	4	6	7	
Red-shouldered Hawk		5	3		8	1	19		4	9		2		8	3	5		7	2	
Red-tailed Hawk	16	6	4	11	25	77	53	9	32	60	16	10	6	37	2	14	36	31	69	
Rough-legged hawk				1	1	6			1	35			1	2	1	1	1	1	CW	
Golden Eagle		1								1										
American Kestrel	17		2	1	7	22	41	7	5	15	1	24	1	1	1	3	8	12	35	
Merlin										2										
Peregrine Falcon		2					1							CW						
Virginia Rail														1						
American Coot				13			43	21		2			6	2		4		35	5	
Sandhill Crane							6								2					
Killdeer					1					3										
Wilson's Snipe						2				6										
Black-legged Kittiwake														CW						
Bonaparte's Gull																				
Ring-billed Gull				70			66	2045	1				1	1293					62	
Herring Gull				252			8	6						2792						
Thayer's Gull				1										5						
Iceland Gull				1										2						
Lesser Black-backed Gull														5						
Slaty-backed Gull				CW																
Glaucous Gull				6										6						
Gr Black-backed Gull				7										7						
Pomarine Jaeger														1						
Rock Pigeon	66			57	3	6	253	1271	85	49	686	20	24	7	421		89	158	31	477
Eurasian Collared-Dove				4													5		17	
Mourning Dove	287	33	88	3	604	288	676	710	140	719	251	267	11	117	4	357	382	470	1080	
Monk Parakeet				2																
Barn Owl																				
Eastern Screech-Owl							4		1	4				1				2	2	3
Great Horned Owl			1		11	7	2	1	1	10	2					6	3	3	8	
Barred Owl			1		2	3	4	1		5				2					3	
Long-eared Owl																				
Short-eared Owl										37										
Northern Saw-whet Owl										1						1				
Belted Kingfisher	1	CW	1	2		6	4		2	4	3	2	1	3		11	2	3	4	
Red-headed Woodpecker		5	3	11	10	3				27		6		36	15				5	
Red-bellied Woodpecker	5	18	12	23	40	107	82	9	52	73	41	14	5	82	3	68	22	19	40	
Yellow-bellied Sapsucker					4	10	9			10				1		2			7	
Downy Woodpecker	9	17	36	28	60	150	71	30	54	105	42	11	9	113	5	138	27	30	26	
Hairy Woodpecker		2	7	4	11	20	13	1	8	14	8	3		20		20	4	9	3	
Northern Flicker		5	1	20	13	43	40		10	47	35	13	4	5	1	21	6	9	35	
Pileated Woodpecker			14		11	21	8	20	2	20	17	4		8		13	3	7	3	
Eastern Phoebe																				
Northern Shrike				CW						2				1					1	
Blue Jay	15	83	14	62	95	182	166	16	95	206	54	36	8	232	45	80	41	53	205	
American Crow	8	145	17	62	221	273	502	42	295	263	39	153	7	174	46	77	68	125	1210	
Horned Lark	141	9			178	5	71	193	82	1300	105		CW			82	442	562	244	
Carolina Chickadee	2	16		62	150		174	19	CW	170	81	37	10			247	42	57	56	
Black-capped Chickadee			34			278			93					222	18					

Species	39	40	41	42	43	44	45	46	47	48	49	50	51	No. Birds	No. Cts.	Max. No.
	INSL	INSM	INSU	INTH	INTI	INTO	INTC	INTR	INWC	WELS	INWG	INWH	INWS			
Gr. White-fronted Goose			169	6							76			686	7	169
Snow Goose			4	16							10,722			10901	9	10722
Ross's Goose											2			7	4	3
Cackling Goose			1	CW							1			48	9	11
Canada Goose	169	626	5745	9684	1723	737	177	124	646	414	10,795	445	705	79715	49	10795
Mute Swan			8	CW	401	38								1045	16	401
Tundra Swan			7	6	22	6			3					65	8	22
Wood Duck				1		1						1		31	15	4
Gadwall		26	42	8	3				35		65	4		576	21	139
American Wigeon			12	2							9			81	11	18
American Black Duck		5	53	33	4	4		1			37	28		514	29	86
Mallard	115	472	1905	802	419	182	153	28	108	8	13,427	64	7	33749	48	13427
Blue-winged Teal														1	1	1
Northern Shoveler		6	5								22	47		113	13	47
Northern Pintail			23	1				1			2	1		71	15	23
Green-winged Teal		7	10	1							9			48	9	13
Canvasback			15	2	6									42	12	15
Redhead			14		9						9	1		77	14	14
Ring-necked Duck		10	358	12	37				23		1			759	17	358
Greater Scaup														190	3	160
Lesser Scaup			2	11	18	1						12		164	13	67
Harlequin Duck														2	2	1
Surf Scoter														2	2	1
White-winged Scoter				2										3	2	2
Black Scoter														5	1	5
Long-tailed Duck														2	1	2
Bufflehead				2	5						20	18		217	21	37
Common Goldeneye			73	9	40						70	173		824	23	173
Hooded Merganser			160	16	24	5					90	247		1365	25	310
Common Merganser				1							3	7		153	11	41
Red-breasted Merganser												3		92	6	58
Ruddy Duck		3	15	6	28				CW		3	1	2	174	23	31
Ring-necked Pheasant	1					1							12	30	8	12
Wild Turkey		58	6	120		8	11	25	72	10		14		1675	36	174
Northern Bobwhite		8	20					14	6		7	6		144	15	21
Common Loon												2		30	4	20
Pied-billed Grebe			12	4	4				CW		8	7		137	23	43
Horned Grebe			100	2							2	11		137	13	100
Western Grebe														0	0	0
Double-crested Cormorant			1	3							29			72	8	29
Great Blue Heron	3	10	18	56	3	9	1	5	14	1	32	9	1	539	44	107
Blk-crowned Night-Heron														13	1	13
Black Vulture		47										25		146	7	47
Turkey Vulture		6	5	12					CW		5			211	23	38
Osprey											1			2	2	1
Bald Eagle		4	6		3			10	1		6	8	1	229	38	50
Northern Harrier		8	18				2	1	19		20		8	245	31	66
Sharp-shinned Hawk		4	2		1	2	1			1	2		1	53	28	4
Cooper's Hawk	3	6	4		2	13	1	2	5	2	4	2	1	226	45	20
Red-shouldered Hawk		5	3	41				9	10		2	3		245	33	41
Red-tailed Hawk	14	30	36	45	24	108	6	57	19	27	36	31	12	1542	51	108
Rough-legged hawk	2	1	3	5	2	20		36	3					181	31	36
Golden Eagle								1			1			8	6	3
American Kestrel	1	18	23	11	6	46	5	19	17	10	25	5	5	557	49	46
Merlin		2	1						9					18	7	9
Peregrine Falcon		1		CW										6	4	2
Virginia Rail														3	2	2
American Coot		12	90	7	427	10	20		12		12	29	4	1301	27	427
Sandhill Crane												70		174	4	96
Killdeer			1											11	7	3
Wilson's Snipe		CW	1			1			1		2			23	10	7
Black-legged Kittiwake														0	0	0
Bonaparte's Gull			20									CW		100	4	56
Ring-billed Gull			1074	49					9		1190	415	1	7442	24	2045
Herring Gull					1						14			3087	10	2792
Thayer's Gull														6	2	5
Iceland Gull														3	2	2
Lesser Black-backed Gull														5	1	5
Slaty-backed Gull														0	0	0
Glaucous Gull														12	2	6
Gr Black-backed Gull														14	2	7
Pomarine Jaeger														1	1	1
Rock Pigeon	15	569	151	353	47	1198		175	17	62	170	43	8	9901	48	1271
Eurasian Collared-Dove		4	9								6	1		53	9	17
Mourning Dove	42	495	143	420	61	361	5	537	51	173	571	200	95	14246	51	1080
Monk Parakeet														2	1	2
Barn Owl			1											1	1	1
Eastern Screech-Owl		10	1	6				4	1		10	2	3	129	26	34
Great Horned Owl	1	6	1			7		4	2		5	CW		125	31	16
Barred Owl	1	7	3	4	1	2	1	5	4		6	2	1	108	33	11
Long-eared Owl						4							2	10	5	4
Short-eared Owl			1			4								63	9	37
Northern Saw-whet Owl									1		8			6	3	3
Belted Kingfisher	1	3	3	10	1	3		4	1		3	6		148	41	11
Red-headed Woodpecker	4	4	5	12		3	1	2	10		17		3	293	33	36
Red-bellied Woodpecker	4	49	26	100	27	77	20	14	33	17	57	47	6	2033	51	136
Yellow-bellied Sapsucker		3	2	11				3	7	1	15	3		130	26	15
Downy Woodpecker	14	49	17	80	19	80	18	71	32	26	32	34	7	2314	51	150
Hairy Woodpecker	1	6	4	9	6		1	10	6	1	8	7	2	338	46	25
Northern Flicker	2	17	17	36	21	46	1	24	46	10	30	26	1	962	49	50
Pileated Woodpecker		21	2	27			1	21	4		12	14		489	40	83
Eastern Phoebe														2	1	2
Northern Shrike		CW				1								6	5	2
Blue Jay	19	132	83	234	54	129	22	81	99	30	88	109	69	4783	51	322
American Crow	6	362	181	12404	118	113	44	156	90	137	78	167	72	38807	51	12404
Horned Lark	639	238	208	346	48	909		397	67	266	792	317	1	10942	41	1300
Carolina Chickadee		94	20	170				96	70	23	97	138		3495	35	392
Black-capped Chickadee	12				52	81	11						2	1163	15	278

Tufted Titmouse	10	124	21	119	32	53	16	93	37	18	76	88	1	3229	51
Red-breasted Nuthatch		1		3				7	4	2		8	CW	268	27
White-breasted Nuthatch	12	67	9	88	46	59	13	97	21	22	67	33	7	2411	51
Brown Creeper		1	4	19	5	18		12	1		6	1		248	37
Carolina Wren	1	31	18	72		5		13	33	1	38	15		883	44
Winter Wren		1				2		1	1		1			22	16
Golden-crowned Kinglet		18	3	9	5	4	4	19	1		12	13	2	573	44
Ruby-crowned Kinglet				1					1		1	1		17	11
Eastern Bluebird	7	68	37	99	62	132	4	104	36	3	25	33	6	2247	46
Swainson's Thrush														1	1
Hermit Thrush		1		6						2	7	2		68	18
Varied Thrush														0	0
American Robin		35	35	1246	93	1	12	53	190	6	1521	403	2	11988	47
Gray Catbird											1			1	1
Northern Mockingbird		16	6	20		7		1	17		5	5	1	378	37
Brown Thrasher				1										6	6
European Starling	19	1092	9109	3835	943	2526	85	714	6197	1451	4738	943	185	120076	50
American Pipit				4					1					98	8
Cedar Waxwing		36		12	41			45	3		30	75	13	1516	27
Yellow-rumped Warbler		23	1	14				5	10		13	47		288	28
Eastern Towhee		13	1	58	1			13	12		11	19	CW	503	34
American Tree Sparrow	56	138	152	1131	191	535	85	329	171	38	306	71	278	12295	50
Chipping Sparrow											1			7	6
Field Sparrow		1	15	27			1	7			5	2		260	28
Vesper Sparrow														4	2
Savannah Sparrow		1	2	3				5	3		2	3		288	18
Fox Sparrow		6		9				1	3		7	4		162	24
Song Sparrow	1	111	36	232	4	29	1	86	34	8	117	99	4	3759	50
Lincoln's Sparrow														1	1
Swamp Sparrow		4	4	13				3	10		11			577	28
White-throated Sparrow	2	16	23	162				18	16	1	110	84	7	1995	41
Harris's Sparrow														1	1
White-crowned Sparrow		84	92	136	3	91		169	4	3	52	35		1938	42
Dark-eyed Junco (Slate)	54	264	119	1121	89	176	47	380	219	60	156	211	96	11138	51
Lapland Longspur	305	6	200	27		192		35	15		213	2	860	3227	28
Snow Bunting	256			1	32	2433		14		3				28	3488
Northern Cardinal	14	193	66	609	65	213	41	304	109	74	241	190	29	8191	51
Indigo Bunting														1	1
Red-winged Blackbird			2787	23	1			7	1336		1,184		3	34206	27
Eastern Meadowlark		101	32	42				54	40		62	13	3	1042	28
Rusty Blackbird		1									351			546	10
Brewer's Blackbird											8			34	4
Common Grackle			45156	535				1	18729		4452			166730	21
Brown-headed Cowbird		10	438	22	25	103		12	7		613		112	5777	29
Purple Finch		13		1				2	8					204	27
House Finch	5	33	7	161	33	185	3	50	43	23	36	79	195	3152	48
Common Redpoll										1				4	2
Pine Siskin	6				1						6			223	17
American Goldfinch	12	148	14	263	23	164	69	215	39	25	72	68	96	5208	51
House Sparrow	56	186	66	682	273	2230	127	311	53	467	319	333	86	15340	51
Total Species Observed	38	79	86	87	58	55	37	67	73	37	95	76	50		
Total Individuals Counted	1,882	6,291	69,400	36,032	5,637	13,368	1,020	5,115	28,955	3,424	53,752	5,685	3,060	668,477	
Count Code	INSL	INSM	INSU	INTH	INTI	INTO	INTC	INTR	INWC	WELS	INWG	INWH	INWS		
Count Number	39	40	41	42	43	44	45	46	47	48	49	50	51		
Count Code	INSL	INSM	INSU	INTH	INTI	INTO	INTC	INTR	INWC	WELS	INWG	INWH	INWS	No Birds	Cts
Unidentified Groups															
Scaup Sp														300	1
Duck Sp														11	2
Accipter Sp									2					3	2
Buteo Sp									3					5	2
Gull Sp					1									43	4
Owl Sp														1	1
Warbler Sp														1	1
Sparrow Sp														14	2
Blackbird Sp														6800	2
Total Unidentified Ind.					1				5					7178	
Count Code	INSL	INSM	INSU	INTH	INTI	INTO	INTC	INTR	INWC	WELS	INWG	INWH	INWS		
Date of Count	1/3	12/19	12/31	12/18	1/1	12/27	1/1	12/27	12/29	12/29	12/19	12/19	1/1		Date of Count
Start Time (a.m.)	7:00	7:30	4:50	5:30	8:00	6:30	8:00	6:00	5:00	8:00	4:30	7:30	4:45		Start Time (a.m.)
End Time (p.m.)	4:00	5:30	6:00	6:30	4:00	5:00	5:30	6:00	5:00	5:20	4:40	4:30	5:00		End Time (p.m.)
Observer Data															Observer Data
No. Observers in Field	8	11	11	31	13	26	9	15	12	12	16	16	6		No. Observers
No. Field Parties	1	3	5	15	6	7	5	6	4	5	7	6	3		No. Field Parties
Field Hours on Foot	5	16.75	7.5	34	7.45	12.75	23	17	9.25	1.33	14	15	10.25		Field Hours on Foot
Field Hours by Car	4	17.75	29	76	27.7	34.25	1	32	29.25	26	38	20.75	9		Field Hours by Car
Field Hours by Boat/Bike						3									Field Hours by Boat/Bike
Total Field Hours	9	34.5	36.5	110	35.15	50	24	49	38.5	27.33	52	35.75	19.25		Total Field Hours
Field Miles on Foot	5	8.5	4	23	7.95	13.75	48	10	6.8	1	8	10	5.8		Field Miles on Foot
Field Miles by Car	65	175	425	520	258.5	433.3	86	425	319.8	226.6	377	308	50		Field Miles by Car
Field Miles by Boat						13									Field Miles by Boat
Total Field Miles	70	183.5	429	543	266.45	460	134	435	326.6	227.6	385	318	55.8		Total Field Miles
Observers at Feeders	2	2	0	4	0	2	8	0	3	5	1	0	0		Observers at Feeders
Hours at Feeders	6	5	0	13	0	8	19.25	0	4.5	14	1	0	0		Hours at Feeders
Hours Owling	1	4.75	4.5	5	0	4.75	0	3	5	0	4	1.5	2		Hours Owling
Miles Owling	0	26.5	29	16	0	30.5	0	35	20.3	0	25	1	7		Miles Owling
Weather/Count Day															Weather/Count Day
High Temperature F	25	31	61	29	38	32	39	24	36	26	28	22	37		High Temperature
Low Temperature F	20	18	45	6	25	13	23	14	30	7	15	2	27		Low Temperature
Snow Cover (inches)	0	0-1	0	4	0	1-2	0	4-5	0	2	1	3	0		Snow Cover (inches)
Precipitation (inches)	0	0	0.2	0	0	0	0	0	trace	0	0	0	0		Precipitation (inches)
Cloud Cover a.m. (%)	50	50	95	30	ns	0	25	1	100	20	0	0	30		Cloud Cover a.m. (%)
Cloud Cover p.m. (%)	50	100	100	75	ns	0	25	50	100	75	100	0	70		Cloud Cover p.m. (%)
Wind direction (from)	W	W	SW	SW	W-SW	NW	W	W	SE	calm	NW	W	W		Wind direction
Wind Speed (mph)	5	1-10	15-25	3-6	6-20	6-10	5-15	0-5	7-15	calm	0-5	10	9-35		Wind Speed (mph)
Standing Water (% open)	0	50	50	10	5	pt open	100	0	5	0	50	40	100		Standing Water (% open)
Moving Water (% open)	2	50	75	80	100	pt froze	50	30	100	20	100	90	60		Moving Water (% open)

