

INDIANA AUDUBON QUARTERLY VOL. 90, NO. 2 MAY, 2012

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Field Notes - Winter 2011-2012 (Dec. - Feb.)

Rob Ripma, robert.ripma@yahoo.com

For years to come, I believe that birders from Indiana will remember this past winter as the winter of the Snowy Owl. With 43 confirmed sightings around the state, it's easy to see why this is a memorable year. As many of you know, we usually see these beautiful creatures here in our state due to a crash in the population of lemmings in the Arctic. This leads to starving owls that move south in search of prey. With this irruption, the pattern did not hold true. In fact, it was actually an excessive population of lemmings that let to this irruption. Over this past summer, lemming populations were extremely high, making it easy for many of the young Snowy Owl fledglings to survive. With so many Snowy Owls around, some of them had to be pushed out of the northern reaches of North America in order for all of them to be able to find food. This led to quite the spectacle for birders around the United States.

Our winter was also marked by extremely mild temperatures that allowed many of our large lakes and reservoirs to remain open. This led to some extremely high waterfowl counts, especially on Heath Hamilton's weekly aerial surveys over the lower Patoka, Wabash, and White Rivers.

Almost as noteworthy as the Snowy Owls was the presence of not one but two extremely photogenic hummingbirds for the entire winter season. Two very welcoming homeowners allowed herds of birders to come on to their properties for a chance to see and photograph a couple of very rare winter visitors. The Calliope Hummingbird that was in North Vernon is the first record of that species for the state. The other cooperative hummingbird was a Rufous in Fort Wayne.

The biggest highlight of the winter season was a Hooded Crane found at Goose Pond FWA on February 8. Most likely this same individual had been present in Tennessee for a couple of months prior but had recently gone missing. Now it was Indiana's turn to host this bird, and the whole hoard of birders that were eager for a look at this potential first North American record. In the four days that it spent at Goose Pond, an estimated 1,000 people came to see the bird from all over the Midwest and beyond.

Other rare birds found during this winter season include: Pacific Loon, Say's Phoebe, Harris's Sparrow, and Hoary Redpoll.

A special note of thanks to the following birders who took the time to submit individual or regional summaries: Ken Brock, Michael Brown, Jim Haw, Jed Hertz, Roger Hedge, and John Kendall.

Abbreviations:

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

Species Accounts:

Greater White-Fronted Goose

This season's high count was (5,000) by Dennis Workman at Goose Pond FWA on 24 Jan. This constitutes Indiana's second highest daily count (KJ Brock Winter Report).

Snow Goose

An area survey of the Gibson Lake area conducted on 18 Jan recorded (130,000), Indiana's fourth largest daily count (KJ Brock Winter Report)

Ross's Goose

There were again a good number of Ross's Geese reported around the state. The high count of (3) occurred twice. The first time was at Jessup's Pond in *Greene* on 4 Jan (Don Whitehead) and the second was at Cane Ridge in *Gibson* on 12 Jan (Ron Giles).

Cackling Goose

As was the case for the last two years, there were very few reports of this species. The high count of (9) occurred on 9 Feb at Pigeon River FWA (Jim Haw).

Trumpeter Swan

The record daily count for this species was broken twice this winter season. Amy Kearns first set the record on 13 Jan with a total of (246) that were sighted at two locations, Lake Holiday-Hidaway in *Fountain* and Universal Mine in *Vermillion*. The record was subsequently broken by Alan Bruner on 31 Jan with a total of (318) at undisclosed locations in west-central Indiana (KJ Brock Winter Report).

Tundra Swan

There were many reports of Tundra Swans from all over the state. The high count was (142) at various sites around northeast Indiana on 25 Feb (Jim Haw). Universal Mine in *Vermillion* provided another noteworthy count with (94) seen on 26 Feb (Peter Scott).

Wood Duck

Wood Ducks were present throughout the state in good numbers this winter. The highest count during the season was (21) at Cane Ridge in Gibson on 1 Dec. Gadwall

This species was present in record breaking numbers this winter. The highlight was Amy Kearns's report of (7,000) from the Gibson Lake area in *Gibson* on 13 Feb. This beat the previous single day record for this species by 5,378 birds.

American Wigeon

On an aerial survey of the lower Wabash, Patoka, and White Rivers, Heath Hamilton reported (300) on 17 Feb.

American Black Duck

Heath Hamilton reported (300) on the weekly aerial survey mentioned above on 18 Jan.

Blue-winged Teal

There was a big increase in the number for reports from last year to this year. The highest count of was (15) from the Gibson Lake area on 3 Dec in *Gibson* (Amy Kearns). Indiana's third January record was found by David Crouch on the 10th in a pond in Columbus in *Bartholomew*. This record was a single individual that appeared to be uninjured which was not the case with the previous records (KJ Brock Winter Report).

Northern Shoveler

Amy Kearns found a record daily count of (1,135) in *Gibson* on 13 Feb (KJ Brock Winter Report).

Northern Pintail

As with shovelers, this species set a record daily count this season (KJ Brock Winter Report). On the 3 Feb aerial survey mentioned above, Heath Hamilton counted (17,345). Sue Verner reported another great number (9,540) at Patoka River NWR on 17 Feb.

Green-winged Teal

The aerial surveys again gave us a great number of this species (3,980) on 28 Feb.

Canvasback

The aerial survey of the Lower Wabash, Patoka, and White Rivers on 18 Jan reported (420) Canvasback (Heath Hamilton).

Ring-Necked Duck

The most notable report was (1,100) at Stillwater Marsh in *Monroe* on 25 Feb (Don Whitehead). This falls just two days after last year's high count of (1,200).

Harlequin Duck

After a good count of 3 during the winter of 2010-2011, there was not a single report of this species during this winter reporting season.

Surf Scoter

A total of (8) were reported with only (2) of the reports coming from inland locations. The inland reports were a female/imm. male was reported during the Richmond CBC in *Wayne* on 17 Dec (Bill Buskirk) and a 1st year male at Deam Lake SRA in *Clark* on 17 Feb (Tom and Colleen Becker).

White-winged Scoter

The only records away from the lakefront occurred at Eagle Creek Park in *Marion*. The first of the two records occurred on 17 Dec during the CBC. The second was sighted on 23 Jan. Both records are of (1) individual.

Black Scoter

The only report away from Lake Michigan was of a single individual at Whitewater SP in *Union* on 22 Dec by W.H. Buskirk.

Long-tailed Duck

There were only four reported during this winter season. The first was a female at Brookville Res. in *Franklin* on 24 Dec by W.H. Buskirk. Another inland record was found at Willow Slough FWA in *Newton* on 22 Dec by Jed Hertz. It was still present for the CBC on 1 Jan. One bird was found dead on the beach in Beverly Shores in *Porter* on 4 Feb. The last record for the season was found on 25 Feb at the Port of Indiana in *Porter* by John Kendall. (KJ Brock Winter Report)

Common Merganser

We fell far short of the record set last year (3,003) and only came up with a high count of (465) by Heath Hamilton on the aerial survey that he conducted on 18 Jan.

Ruddy Duck

Heath Hamilton reported an excellent number (400) on his 17 Feb aerial survey.

Ruffed Grouse

One was found by Amy and Noah Kearns on 24 Jan in Hoosier National Forest in *Lawrence*. A second report came from Don Allen on 19 Feb from Yellowwood SF in *Brown*.

Red-throated Loon

There were several reports of this species away from the lakefront. The first came on 1 Dec at Fairfax SRA on Lake Monroe in *Monroe* (Don Whitehead). Jim Hengeveld found another bird on Lake Monroe at Paynetown SRA on 10 Dec, and the bird lingered through 9 Jan. Clint Maddox found (1) on Heritage Lake in *Putnam* on 12 Jan (photo Marty Jones).

Pacific Loon

Don Whitehead reported (1) on the Lake Monroe CBC on 19 Dec. There were also two records from the lakefront. The first was found on 14 Jan at the Commonwealth Edison power plant in *Lake* by many observers. The second bird was seen at Portage Lakefront Park in *Porter* on 22 Jan by JJ McCoy.

Horned Grebe

Indiana's largest January count (142) was found at Turtle Creek Res in *Sullivan* by Don Whitehead, Don Allen, and Bob Dodd on 4 Jan.

Red-necked Grebe

One individual was found at Michigan City Harbor in *LaPorte* on 22 Jan by John Cassady, Larry Haugh, and KJ Brock. The bird was in first winter plumage which is rarely seen on the lakefront (KJ Brock Winter Report).

American White Pelican

Lee Sterrenburg found a winter state record (14) at Goose Pond FWA in *Greene* on 26 Feb only have it broken the next day with a count of (44) in the same location by George and Anne Sly. This record was again short lived as two days later Travis Stoelting and Lee Sterrenburg counted (61) again at the same location.

American Bittern

There were two reports of single American Bitterns, both occurring at Goose Pond FWA. The first was seen on 8 Dec (Lee Sterrenburg). The second sighting was made by Brad Feaster on 6 Jan. Unfortunately, the bittern was being carried off by a Red-tailed Hawk. The hawk dropped the bittern, and Brad was able to examine the bird and determined that it was a fresh kill.

Double-crested Cormorant

Small numbers of this species were reported around the state this winter.

Great Egret

A total of (3) individuals were reported. Jed Hertz found (1) at Willow Slough FWA in *Kankakee* on 1 Dec. On 10 Dec, David Crouch sighted (1) at Muscatatuck NWR in *Jackson*. This individual was last seen on 1 Feb providing us with the first ever February record in Indiana (KJ Brock Winter Report).

Black-crowned Night-Heron

For the first time since the winter of 2001-02, this species was not reported (KJ Brock Winter Report).

Bald Eagle

A very important event occurred in *Lake* when Michael Topp photographed (2) eagles at a suspected nest that John Kendall had found on 18 Feb. This is the first confirmed nesting by Bald Eagle in the Dunes area (KJ Brock Winter Report).

Golden Eagle

Golden Eagles were reported throughout the southern tier of the state with the highlight being up to (3) that wintered in the Gibson Lake area (Amy Kearns).

Northern Goshawk

Don Whitehead reported (1) from the Goose Pond CBC on 14 Dec. The 1st year bird was observed from 20 yards both perched and in flight.

Merlin

The high count of Merlins this winter (3) came from Lee Sterrenburg at Minnehaha FWA in *Sullivan* during the Sullivan County CBC on 31 Dec.

Sora

Indiana's first February record was found by Heath Hamilton on 3 Feb at Patoka River NWR in *Gibson* (KJ Brock Winter Report). A second February record was reported on 7 Feb at Goose Pond FWA in *Greene* (Don Whitehead).

Virginia Rail

The Pokagon CBC failed to produce a Virginia Rail this year resulting in no records from the state.



Figure 1. Typical view of the Hooded Crane at Goose Pond, Greene, 9 February 2012. Photo by Marty Jones.

Hooded Crane

The bird of the season was a Hooded Crane that was present from 8 Feb to 12 Feb at Goose Pond FWA in *Greene* after presumably the same individual had departed from a two month stay in Tennessee. It was originally found by John and Elaine Harley. Hundreds of birders observed this bird during its visit. On 17 Feb, this bird was spotted flying over Indianapolis in *Marion* by Ryan Hamilton. There is sure to be a lively debate among the records committees of both Tennessee and Indiana about the origin of this individual.

Sandhill Crane

The warmer weather appeared to have a large influence on Sandhill Cranes in Indiana. Vern Wilkins estimated (20,000) at Ewing Bottoms in *Jackson* on 1 Jan which was almost double the previous winter record (KJ Brock Winter Report).

Whooping Crane

Dan Kaiser's report of (20) at Goose Pond FWA on 11 Feb was the highest count of the winter season; and it was achieved using both telemetry and photography. It is believed that this many were on the property earlier in the season and that they stayed through the end of February (Lee Sterrenburg).

American Golden-Plover

Indiana's latest departure date for this species was tied when Del Striegel saw and heard (1) in the Ewing Bottoms area in *Jackson* on 2 Dec.

Killdeer

On 9 Jan, (77) were observed at the Dunlapsville Causeway in *Union* (William Buskirk). This is an exceptionally high count for the winter season.

Lesser Yellowlegs

(12) were found at the Oatsville Bottoms in *Gibson* on 23 Feb by Steve Gifford. This is Indiana's highest February count on record.

Sanderling

Sanderlings were reported throughout the winter from the Gibson Lake area in *Gibson*. The high count of (3) was achieved on 3 Dec (Amy Kearns), 16 Jan (Vern Wilkins), and 18 Jan (Amy Kearns).

Least Sandpiper

Amy Kearns reported (1) from Gibson Lake on 3 Dec. Amy also reported the bird on 14 Jan saying that it looked "very cold and miserable".

Purple Sandpiper

It was a good year for this species in the state as a total of (6) were reported. The first report came on 9 Dec from the Port of Indiana in *Porter* (John Kendall). This was the first report of one at the Port in the last 22 years (KJ Brock Winter Report). On the Dunes CBC, (3) were reported at Michigan City Harbor in *LaPorte*. The only non-lakefront report occurred on 18 Dec at Gibson Lake in *Gibson* (Charles Mills). On 3 Jan, KJ Brock, John Kendall ph., and

Brad Bumgardner reported (1) from Portage Lakefront Park in *Porter*. It remained through 24 Jan.

Wilson's Snipe

A count of (7) at Chinook FWA in *Vigo* is the most noteworthy report of the season (Don Gorney).

American Woodcock

Due to the unusually warm temperatures in early January, displaying Woodcocks were reported from four locations in the southern tier of the state.

Bonaparte's Gull

The high count of (56) that occurred on the Whitewater CBC (William Buskirk) fell well short of the high count of (500) last winter.

Thayer's Gull

After an amazing year last year with (44) reports, there were only (7) reports of this species this winter.

Iceland Gull

For the first time on record, there were more reports of this species (9) than of Thayer's Gull.

Lesser Black-backed Gull

There were only two reports of this species but surprisingly one of them was not from the lakefront. On 2 December, a single bird was located at the Prairie View landfill in *St Joseph* by Leland Shaum and Neal Miller. Even more surprising was the report of (3) from the same location on 22 Dec by Gary Miller (KJ Brock Winter Report). The only lakefront record was reported by Amar Ayyash from the State Line Power Plant in *Lake* on 28 Jan.

Glaucous Gull

As with the other gull species, there was a huge decrease in the number of Glaucous Gulls reported. There were only (26) compared to (64) last year.

Figure 2. Snowy Owl and Peregrine Falcon, Michigan City Harbor, LaPorte, 12 December 2011. Photo by Pete Grube.



Great Black-backed Gull

The total number reported this year was (60) down from a total of (192) last year.

Black-legged Kittiwake

After a good winter for this species last year, there were no reports this winter.

Monk Parakeet

The only report came when (36) were sighted on the Calumet City-Sand Ridge Audubon CBC on 17 Dec (Carolyn Marsh).

Eurasian Collared-Dove

The high count of (19) occurred on the Oakland City CBC on 31 Dec (Heath Hamilton).

Barn Owl

One was again reported on the Spring Mill CBC at a known nesting location in *Lawrence* on 18 Dec (Amy Kearns). Roger Hedge flushed (1) from a barn during the Goose Pond CBC on 14 Dec.

Snowy Owl

It was the year of the Snowy Owl as we set an all-time high for this species with a total of (43) being reported this winter season. See the

table below for information on all of the reports (KJ Brock Winter Report).

Snowy	Owl	Counts
SHUWY	$\mathbf{O}_{\mathbf{MI}}$	Counts

Month	2011-12	1996-97
Nov	2	16
Dec	26	16
Jan	12	7
Feb	5	1
Mar	1	0
Totals	46	40

Long-eared Owl

The most impressive report of Long-eared Owls came on 3 Feb from Steve Gifford when he found (25) at Bluegrass FWA in *Warrick*.

Short-eared Owl

The high count this year came from Chinook FWA in Vigo on 18 Dec (Michael Gerringer).

Northern Saw-whet Owl

The season high count was (4) on 6 Dec on the Arvin property in *Tippecanoe* (Delano Arvin).

Ruby-throated Hummingbird

One was present at a residence in *Porter*. Peter Grube obtained photos on 8 Dec and the identification was confirmed by Allen Chartier. It was last seen on 11 Dec (KJ Brock Winter report).

Calliope Hummingbird

This first state record reportedly appeared in late August but birders were not aware of this sighting until much later. The homeowners, Norma and Dave Jackson, were very welcoming to birders. The bird's identity was confirmed when Tim Tolford banded this first-cycle female on 27 Dec. This sighting occurred in North Vernon in *Jennings*.



Figure 3. Calliope Hummingbird, Jennings, 22 December 2011. Photo by Ryan Sanderson



Figures 4 and 5. Molting hatch-year male Rufous Hummingbird, Allen, 13 Jan 2012 (Left) and 23 Mar 2012 (Right). Photos by Ryan Sanderson.

Rufous Hummingbird

There were three reports of Rufous Hummingbirds

during the winter season. All three of the individuals were present during the fall season, and two of them remained throughout the whole winter season. The two that were present all winter were a hatch-year female in *Vanderburgh* and a hatch-year male in *Allen*. The other record was also from *Vanderburgh* and was present until 7 Jan (Don Gorney).



Figure 6. Say's Phoebe, Chinook FWA, Vigo, 11 December 2011. Photo by Michael Brown.

Say's Phoebe

Michael Garringer found and videotaped (1) at Chinook FWA in *Vigo* on 10 Dec. It was seen and photographed by many observers and was last seen by the original observer on 16 Jan.

Eastern Phoebe

There were a total of (5) seen during the winter season.

Loggerhead Shrike

On the Spring Mill CBC in *Orange*, Steve Gilstrap found (1) along the railroad tracks in Leipsic. Amy and Noah

Kearns found (1) in *Daviess* on 30 Jan, and Lee Sterrenburg and Kathy McClain reported (1) from a different location in *Daviess* on 5 Feb. These most likely were not the same individual.

Northern Shrike

It was another good year for Northern Shrikes in Indiana. The farthest south report came from Bear Run Mine in *Knox* on 16 Dec (Don Whitehead).

White-eyed Vireo

On 17 Dec Alan Bruner and Marty Jones found a record late individual on the Terre Haute CBC at Barnhardt Cemetery in *Vigo*. This is the latest record by ten days (KJ Brock Winter Report).

Tree Swallow

The 1 Jan record by Peter Scott at the Brazil Sewage Lagoons in *Clay* was only Indiana's second January record (KJ Brock Winter Report).

Northern Rough-winged Swallow

There were two reports of this species, but it may have involved the same individual. David Fox and Tracy Duncan photographed one during the NE Indianapolis CBC in *Marion* on 17 Dec, and it was present through 29 Dec. Another report came from Geist Res in *Marion* by Nick Kiehl on Dec 30, and it was seen again by Don Gorney on 1 Jan (KJ Brock Winter Report).

Red-breasted Nuthatch

Red-breasted Nuthatches were not present in the same numbers this year compared to last. The high count was (5) from 1000 Islands Woods in *Greene* (Amy Kearns).

Brown Creeper

We continued to have an unexplained abundance of Brown Creepers this winter. A total of (107) were reported (KJ Brock Winter Report).

Winter Wren

A season high of (3) were found on the Elkhart CBC (Ronda DeClaire).

Ruby-crowned Kinglet

The southern half of the state had (6) reports of this species in December and January and no reports from February.

Hermit Thrush

There were reports of Hermit Thrushes throughout the state, and the high count of (3) came from Oak Hill Cemetery in *Boone* on 7 Jan (Cloyce Hedge).

Grav Catbird

There were a total of four catbirds reported around the state. The first report was from the Rieth Interpretive Center in *Elkhart* on 7 Jan and remained through at least 15 Feb (Melissa Kinsey). Brendan Grube reported an individual wintering in Beverly Shores on 18 Feb. The third bird was reported from Dora-New Holland SRA in *Wabash* on 28 Feb (Jim Haw).

Northern Mockingbird

This species took full advantage of our mild winter weather this year and remained in the state in good numbers.

Brown Thrasher

There were only (2) reports of this species, and they actually occurred on the same weekend. The first was on 7 Jan at Muscatatuck NWR in *Jackson* (Kirk Roth), and the second was on 8 Jan at Eagle Creek Park in *Marion* (Larry Peavler).

American Pipit

A new all-time winter record was set when (300) were sighted at Gibson Lake in *Gibson* on 22 Jan by Gary and Lisa Bowman (KJ Brock Winter Report).

Cape May Warbler

Don Whitehead reported a male during the Lake Monroe CBC in *Monroe* on 19 Dec. This is Indiana's 7th December record (KJ Brock Winter Report).

Pine Warbler

One individual returned in early January to Brian Taylor's feeders in Evansville. A second report came from Hardy Lake in *Scott* on 12 Feb (Tom and Colleen Becker).

Palm Warbler

A single bird was reported on 26 Dec at a feeder in *LaGrange* (Sam Plew).

Common Yellowthroat

A shocking total of (5) were reported this winter season. The first report came in the form of an adult male on 31 Dec by Leland Shaum during the Elkhart CBC in *Elkhart*. A female was reported at Muscatatuck NWR in *Jackson* on 7 Jan by Amy & Noah Kearns and Kirk Roth. Heath Hamilton found Indiana's first February record on the 2nd at Cane Ridge in *Gibson* (KJ Brock Winter Report). The Kearns subsequently added another February record when they found (2) females at Muscatatuck on the 20th.

Chipping Sparrow

In addition to the usual reports from the southern tier, there were two reports from the northern part of the state. On 26 Dec, Landon Neumann found (1) at the Spring Creek Nursery in *Cass*. Jim Spier had (1) at his feeders in South Bend *St Joseph* on 22 Jan.

Fox Sparrow

Fox Sparrows were reported from around the state this winter.

Grasshopper Sparrow

A single bird was observed on 3 Dec at Gibson Lake (Amy Kearns).

Lincoln's Sparrow

A single individual was found at Orleans Res in *Orange* during the Spring Mill CBC (Amy & Noah Kearns).

Harris's Sparrow

A single bird was reported from Larry Parker's feeders in *Adams*. It was first seen on 22 Jan and remained through 10 Feb (James Haw).

Lapland Longspur

A flock of (300) in *Allen* on 4 Dec was an exceptionally large flock for northeast Indiana (Jim Haw).

Snow Bunting

There were not very many reports of Snow Buntings this winter most likely due to the lack of snow cover making it harder to find this species in farm fields.

Rose-breasted Grosbeak

Indiana's first January record visited the feeders of Kristen Maxwell in *Morgan* on 9 Jan (KJ Brock Winter Report). Shockingly, a young male was reported by Gary Dorman's mother in *Johnson* on 14 Jan. There was also an unsubstantiated report of a male and female at a feeder in *Allen* on 4 Jan (Jim Haw).

Baltimore Oriole

Tom and Colleen Becker confirmed the identification of one individual that visited the feeders of Rose Hensel in *Floyd* daily from 8 Dec to 4 Jan.

Summer Tanager

A female/imm. male was present in the yard of Nicole Oehler in *Hamilton* from 24 Dec to 2 Jan. Another individual was photographed by Leland Shaum in *Elkart* on 26 Jan. That individual had been present for four to six weeks.

Indigo Bunting

There were two reports of Indigo Buntings this winter season. The first was seen on 3 Dec around the Gibson Lake area in *Gibson* (Amy & Noah Kearns) and the second was found by Lee Sterrenburg on 2 January during the Knox County CBC.

Western Meadowlark

Lee Sterrenburg reported the only record of this species on 18 Feb in *Daviess*. The bird was singing and its yellow molar was noted.

Eastern Meadowlark

This is another species that took advantage of the mild winter and was seen around the state in good numbers.

Rusty Blackbird

There were few significant numbers reported of this declining species. The high count (55)



Figure 7. Rusty Blackbird, Greene 14 February 2012. Photo by Michael Brown.

occurred at Eagle Slough in *Vanderburgh* on 28 Feb (Tim Griffith).

Brewer's Blackbird

There were only two reports this season. The first was of (1) on 3 Dec at the Lynnville-Squaw Creek Mine in *Warrick* (Amy Kearns). Roger Hedge and his team spotted (1) on the Goose Pond CBC on 14 Dec. It was subsequently seen by many observers.

Common Grackle

(10,000) were reported on the Warrick County CBC on 30 Dec (Tim Griffith).

Purple Finch

Purple Finch reports were few and far between with a high of only (5) being reported from Muscatatuck NWR in *Jackson* on 7 Jan (Amy Kearns).

Red Crossbill

On 26 Jan, John Cassady heard and saw a single singing male in *Elkhart*. Another singing male was seen and heard on 3 Feb by John Kendall in *Porter*.

White-winged Crossbill

The first White-winged Crossbill of the season arrived at Jeff Moore's feeders in *Huntington* on Christmas Day (25 Dec). Flocks subsequently showed up at Lindenwood Cemetery in *Allen* where a maximum of 40) where reported on 4 Feb and in Middlebury in *Elkhart* on 5 Feb with a high count of (50) by Leland Shaum.



Figure 8. White-winged Crossbill, Allen, 26 February 2012. Photo by Rob Ripma.

Common Redpoll

After a poor winter last year, things picked up nicely this year with a total of 327 reported around the state (KJ Brock Winter Report). The high count (77) in one location was at Ken Brock's feeder in *Porter* on 24 Feb. The southernmost record came from Terry Wise's feeders in *Daviess*.

Hoary Redpoll

Indiana had not recorded this species since February of 2009 until Jed Hertz found and photographed a single individual in *Newton* on 5 Feb.

Pine Siskin

Low numbers of this species occurred around

the state with the high count (52) coming from Willow Slough in Kankakee on 11 Dec (Jed Hertz).

REPORT OF THE INDIANA BIRD RECORDS COMMITTEE – 2011

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- * acceptable verified record
- correspondence/comments
- D Written documentary information by this observer was available for evaluation
- photo(s) by this observer published in scientific or Semi-scientific journal was available for evaluation
- Ph unpublished photo(s) by this observer was available for evaluation
- Video video recording by this observer was available for evaluation
- FWA- Fish and Wildlife Area
- IAQ Indiana Audubon Quarterly
- NAB North American Birds

During 2011, the Indiana Bird Records Committee (IBRC) completed evaluations of 22 Indiana bird records involving 17 species. Records were evaluated in accordance with the Rules of Operation, most recently revised and adopted in March 2008 by the IBRC and Indiana Audubon Society (IAS). (The Rules of Operation can be viewed at www.indianaaudubon.org.) In general, all records are determined to be acceptable or not acceptable on the basis of available information provided by the observer(s). Some records may contain additional information such as reviews by outside experts or articles or similar information providing background about the species. If a photo, specimen, or recording of a song or call supports the identification, the record is considered to be an accepted verified record. If acceptance is based on written documentary material, the record is considered to be an accepted sight record. Of the 22 records completed in 2011, 18 were accepted as either sight or verified records and two were not accepted. Three species- Neotropic Cormorant, Crested Caracara, and Green Violet-ear- were added to the state's Official Checklist in 2011. Information presented below for each accepted record includes the IBRC record file number, location of the sighting, number of birds, sex, age and/or plumage if known, date(s), names of observers submitting written or other evidence, and references to published photos. Records that were not accepted contain similar information and an explanation of why the record was not accepted. Designation of a record as "not accepted" does not mean that the observers were incorrect in their identification. Anyone desiring more information about these records should contact the author at the address above.

IBRC members during 2010 were John "Barny" Dunning, Don Gorney, Roger Hedge, Jim Hengeveld, Chuck Mills, Larry Peavler, and Michael Retter. Terms for Roger Hedge and Larry Peavler expired at year-end 2010. They will be replaced by David Ayer and

Robert Ripma. Brad Bumgardner served his second year as Chair in 2010, and will continue in 2011.

RECORDS ACCEPTED

Pomarine Jaeger (Stercorarius pomarinus)

0360-POJA-019-LAKE2010 Miller Beach, Lake Co., two birds, 05 November 2010 (D-Ph John Kendall). Detailed description and photo of two birds were received from one observer. The double crescent underwing and barring on the coverts were noted on a typical jaeger day consisting of a strong northwest wind. This is the 19th record reviewed and 18th accepted by the IBRC.

*0360-POJA-020-LAPO2010 Michigan City Harbor, LaPorte Co., 16-18 December 2011 (^DJohn Kendall, ^{D-Ph}Ken Brock, ^{Ph}John Cassady). This was single-handedly; the most documented and photographed Pomarine Jaeger in Indiana. This bird thrilled many birders by landing on the beach and made an appearance for the Dunes' Christmas Bird Count. This is the 20th record reviewed and 19th accepted by the IBRC.

Slaty-backed Gull (*Larus schistisagus***)**

*0480-SBGU-002-LAKE2010 Calumet Park, Lake Co., one bird, 29 December 2010 - 29 January 2011 (D-Ph John Kendall, DKen Brock, DRoger Hedge, Ph Ryan Sanderson, Ph Michael Topp). Excellent photos and documentation leave little doubt about the identification. Written documentations added the context and supported the record. The bird was spotted off and on during the cold period in which it was seen. This is the second record reviewed by the IBRC, and second accepted record.



Figure 1. Slaty-backed Gull, Calumet Park, Lake, 30 December 2012. Photo by Ryan Sanderson.

Little Gull (*Hydrocoloeus minutus*)

0601-LIGU-005-STEU2010 Lake Gage, Steuben Co., one bird, 16 November 2010 (^DJim Haw). A skilled observer was able to provide excellent details for a bird seen associating with two nearby Bonaparte's Gulls. The dark underwing, dark spot behind the eye, and shorter, broader wings from the nearby gulls. The bird was never re-found. This is the fifth record reviewed by the IBRC, and fifth accepted record.

Neotropic Cormorant (*Phalacrocorax brasilianus*)

*1210-NECO-001-GREE2011 Goose Pond FWA, Greene Co., one bird, 14-21 July 2011 (D-ph.John Kendall, D-PhMichael Brown, DLarry Peavler, Kirk Roth, and DLee Sterrenburg). This bird was a long overdue first state record when found at Goose Pond FWA. The bird was seen well by many birders, including nearly the entire IBRC committee. The smaller size and different colored and shaped gular patch was noted in documentations and photos obtained. This is the first record reviewed by the IBRC.



Figure 2. Brown Pelican, Ohio River, Clark, 14 July, 2009. Photo by Wanda Bartholomai.

Pelican Brown (Pelecanus occidentalis)

*1260-BRPE-011-CLAR2009 Ohio River, Clark Co., one bird, 14 July (^{D-Ph}Wanda Bartholomai). 2009 Identifiable photos were obtained of a bird on the Ohio River in 2009. Of question was whether the description could place the bird within Indiana's legal boundary. After discussion, the committee agreed that it was not the committee's responsibility to interpret the reporter's distance description, thus accept the record. This is the 11th record the IBRC has reviewed, and 11th accepted species

Black-bellied Whistling Duck (*Dendrocygna autumnalis*)

Forsythe Park, Lake Co., one bird, 28-29 July 2011 (D-1770-BBWD-011-LAKE2011 Dan Arendas). A single bird showed up at this productive lakefront birding site. Though the overall description was scant, there was adequate information to eliminate other species, thus the record was accepted. This was the lakefront's first documented whistling duck record. This is the 11th record reviewed by the IBRC, and 10th record accepted by the IBRC.

record.

Ruff (*Porphyrio martinica*)

*2600-RUFF-010-DELA2011 Private flooded field, US 35 and Nebo Rd, Delaware Co., one bird, 30 April- 06 May 2011 (^DKirk Roth, ^{Ph}Aaron Boone). Having gone a few years without reports of this shorebird, the reporters discovered the first in Indiana in six years. The documentation was well described and photos left little doubt to the bird's identification. This is the 10th record reviewed and accepted by the IBRC.

Swainson's Hawk (Buteo swainsoni)

3420-SWHA-014-JASP2010 Rural cornfields near DeMotte, Jasper Co., one bird, 23 April 2009 (^DLarry Peavler). This record adequately described the above mentioned bird, however the committee delayed voting, pending a reported photograph. After no photograph was produced it was voted on as an accept sight record only. This is the 14th record reviewed by the IBRC, and 12th accepted record.

3420-SWHA-015-PORT2011 Indiana Dunes State Park Green Tower site, Porter Co., one bird, 09 May 2011 (^DKen Brock). A dark-bibbed hawk was observed during a traditional hawk watch from a high dune in the state park. The observers detailed how other species were eliminated in the documentation. This is the 15th record reviewed by the IBRC, and 13th accepted record.

Crested Caracara (Tyrannus verticalis)

*3620-CRCA-001-GIBS2011 Rural agricultural land outside of Patoka River NWR, Gibson Co., one bird, 12 January 2011 (C-Ph Greg York). This astonishing record was found by a local hunter scouting for public lands. The bird was observed picking at a dead mole before being chased off by a Bald Eagle. Unfortunately, the bird was not refound by subsequent parties. Despite the astonishing level, it was agreed that there were no local escapes, and recent expansion and wandering records added credibility to this report. This is the first IBRC record reviewed and a first state record.



Figure 3. Crested Caracara, Rural Gibson, 12 January, 2011. Photo by Greg York.

Green Violet-ear (Colibri thalassinus)

*4271-GREV-001-PERR2009 Private residence, Leopold, Perry Co., one bird, 02-03 October 2009 (C-Ph Todd Albin). This first state record was a two day wonder in far southern Indiana. First reported to Kentucky birders, virtually all birders were disappointed as it last visited the feeders just before the first public showings were offered. Much discussion of the qualifications of a first state record ensued within the committee, the record was ultimately accepted. This is the first IBRC record reviewed and a first state record.

*4271-GREV-001-PERR2009 Private residence, rural Fountain Co., one bird, 02 August 2011 (^DBarny Dunning, ^DDon Gorney, ^{Ph}Debby Peterson). Less than two years after the state's first record, another bird appears at a feeder in late summer. The bird was well documented this time and acceptance by the committee was expedient. This is the second record reviewed and accepted by the IBRC.



Figure 4. Green Violet-ear, Rural Fountain, 2 August, 2011. Photo by Debby Peterson.

Scissor-tailed Flycatcher (*Tyrannus forficatus*)

*4430-STFL-012-ELKH2011 Cobus County Park, Elkhart Co., one bird, 30 May- 02 June 2011 (D-Ph-Leland Shaum) Solid written details and accompanying photos well document this long-tailed flycatcher. Coincidentally, the state's last record came from Elkhart County as well. This is the 12th record reviewed and accepted by the IBRC.

Western Wood-Pewee (Contopus sordidulus)

*4620-WEWP-002-LAKE2011 Hoosier Prairie Nature Preserve, Highland, Lake Co., one bird, 05 July- 18 August 2011 (D-Sound Brad Bumgardner, D-Ph Ken Brock, DMichael Brown, Ph Pete Grube, Ph Marty Jones, Ph John Cassady). As summer singing was

beginning to wind down, a non documenting observer located the above bird. The bird was cooperative for many birders, providing its diagnostic song daily through mid August. This is the second record reviewed and accepted by the IBRC.

Vermilion Flycatcher (*Pyrocephalus rubinus*)

*4710-VEFL-003-MARS2010 Rural residence, Bremen, Marshall Co., 29 November-02 December 2010 (^DRoger Hedge, ^{D-Ph}Amy Kearns, ^{D-Ph}Leland Shaum, ^DNeal Miller, ^{D-Ph}John Kendall, ^{Ph}Rob Ripma). A well documented bird found during an otherwise bleak landscaped time of year. This bird was enjoyed by many birders due to very accommodating hosts. This is the third record reviewed and accepted by the IBRC.

Kirtland's Warbler (Setophaga kirtlandii)

6700-KIWA-006-WARN2011 Pine Creek Methodist Camp, Warren Co., 14 May 2011 (^DSusan Ulrich). A highly sought after warbler was discovered during the height of spring migration in west-central Indiana. The observer provided excellent documentation that described the bird in question, as well as eliminated all possible similar species. Despite the growing Michigan population, this is only the sixth record reviewed and accepted by the IBRC.

Boreal Chickadee (*Poecile hudsonicus*)

*7400-BOCH-002-LAKE1952 Private residence, Gary, Lake Co., 06 January 1952 (PhHelen Maffitt). An old copy of Outdoor Indiana was provided that showed a misidentified photo of a Boreal Chickadee during the winter of 1951-1952. The bird's identification was clearly the bird in question; however the committee discussed proving location. Written notes on the bird indicated it was banded, which the photos clearly show. This is only the second record reviewed and accepted by the IBRC.

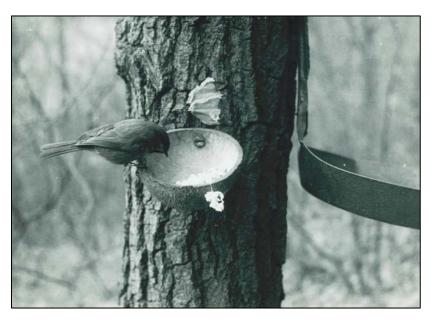


Figure 5. Boreal Chickadee, Lake, 6 January 1952. Photo by Hellen Maffit.

RECORDS NOT ACCEPTED

Least Tern (*Sternula antillarum*)

0740-LETE-007-STJO201 Potato Creek State Park, North Liberty, St. Joseph Co., one bird, 27 and 31 May 2010. A flying bird was seen over Worster Lake. The committee was troubled by the lack of documentation, specifically eliminating other tern species. After first round voting, the reporter was unable to add extra details and the agreed to let the record stand as not accepted in the state database. This is the seventh record reviewed by the IBRC.

Red-cockaded Woodpecker (Picoides borealis)

3950-RCWO-001-PERR1823 Near present day Troy, Perry Co., one calling bird, 25 April 1823. A perplexing record involved a calling bird collected for science, without current knowledge of the preserved specimen. The report was found in an Indiana Academy of Science publication. Members were too concerned with the lack of description and the described sound not matching with what members would normally describe the sound as. This was the first record brought before the IBRC.

CHANGES TO THE OFFICIAL LIST OF INDIANA BIRDS

The significant change made to the Official State Bird Checklist during 2011 was the addition of the Neotropic Cormorant, Crested Caracara, and Green Violetear, bringing the checklist to 418 species. Other minor changes involved implementing decisions outlined in the 52nd Supplement to the American Ornithologists' Union Check-list. Indiana's Official State Bird Checklist can be found at www.indianaaudubon.org.

The 2011 Indiana Least Tern Nesting Season

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Least Terns were first found nesting in Indiana in 1986 when a pair nested on the splitter dike in the middle of the 3500 acre Lake Gibson cooling pond in western Gibson County, Indiana. In the 25 years that Least Tern nesting has been monitored, the population has increased to over 300 adults. The nesting locations now range up the Ohio River to near Rockport and up the Wabash River to near the confluence of the White River. Least Terns are sometimes seen outside theses areas. We would like to hear of any sighting away from the traditional nesting sites at the AEP Power Plant near Rockport or the Cane Ridge-Lake Gibson complex.

During 2011, Least Terns were first seen 14 May and were last detected on 7 September. There were 197 nests located in Gibson County (123 first nesting attempts and 74 later attempts) with a peak of 280 adults noted on 5 July. The total estimate of fledglings was 130-140. About 110-120 chicks fledged on the Splitter Dike, where as many as 210 adults and 155 nests were present. On one of the ash ponds, 25 adults and 12 nests were recorded and there were 3 possible fledglings. The 21 observed nests and 50 adults at Cane Ridge produced an estimated 20 fledglings.

Nesting was detected again this year at Ben's Spot which is on private land near the Wabash River in Gibson County. Least Terns were also seen on the White River near Petersburg. The Wabash River was checked late in the season. No nesting was detected, although there was a lot of usage by adults and fledglings.

Tern nesting near Rockport, Indiana, was confirmed again this year. Terns nested successfully on the dikes at the ash ponds south of the AEP Power Plant. This is the ninth year that nesting has been observed there. Twenty-nine nests (6 first and 23 second) were noted with a maximum of 30 adults present on 2 August. Five chicks were estimated to have fledged. There was breeding activity on a sandbar island in the Ohio River where there were at least 7 nests. The high counts were 20 for adults and 6 for chicks. Three large chicks were observed on 16 August but it is not known if any fledged.

The total estimates for all sites known in Indiana during 2011 was a peak of adults of 330-340, 230 nests (130 first nest attempts and 100 second nest attempts), and about 140 to 150 fledglings. The number of fledglings represents a very conservative number.

If you see Least Terns in Indiana or more importantly detect possible nesting, notify the Indiana Division of Fish and Wildlife (IDNR) or one of the Least Tern researchers above. Do not trespass on private land or in any way do things that will disturb the terns or flush them off of their nests. If they are attacking or dive bombing, you are too close.

IDNR, Duke Energy, and the U.S. Fish and Wildlife Service cooperate in managing and conserving Least Terns nesting in Indiana. Donations to help save the Least Tern and other endangered wildlife can be made to the Nongame Fund on your Indiana tax return.

INDIANA AUDUBON SOCIETY SUMMER BIRD COUNT 2011 Amy Kearns and John Castrale, 562 DNR Road, Mitchell, IN 47446

The Indiana Audubon Society held its 32nd annual Summer Bird Count during June and July 2011. The count period started out hot, with warmer-than-average weather during the first ten days of June. Cooler weather followed, resulting in an average temperature of 1.6°F above normal for the month of June. It was the 22nd wettest June on record, with a state total average of 5.34 inches. Severe weather, including tornadoes, hail, high winds and flooding, occurred throughout the state during the count period. July 18-24 featured the peak of a heat wave that engulfed the state, resulting in an average temperature 4.5°F above normal. This was the fifth warmest July on record. Precipitation in July was 1.40 inches below normal levels. (Indiana State Climate Office 2011).

The total number of species found on this year's Summer Bird Count was 166. This was well below the mean of 192, and less than last year's 177. The trend over the last few years of low participation continues, with only 26 counts submitted (mean is 39). Seventy-eight observers, some working on the Breeding Bird Atlas and Summer Bird Count simultaneously, gathered breeding evidence for 129 species (mean is 139). Less than half of the mean number of individuals was reported along with lower than average party hours and miles (Table 1).

There were no new species, high counts, or higher breeding evidence recorded for any species in 2011. Kosciusko County reported the highest diversity with 118 species, and Boone, Lawrence, Newton, Tippecanoe, and Warren counties all found more than 100 species on their counts (Fig. 1, Table 2). The 20 most abundant species on this year's Summer Bird Count, in descending order, were: European Starling, American Robin, Red-winged Blackbird, Common Grackle, Canada Goose, Tree Swallow, Mourning Dove, House Sparrow, Indigo Bunting, American Crow, Song Sparrow, Killdeer, Northern Cardinal, Barn Swallow, Brown-headed Cowbird, American Goldfinch, Chipping Sparrow, Mallard, Common Yellowthroat and Dickcissel (Table 2).

Notable species with breeding evidence on this year's count were Hooded Merganser (juveniles in Bartholomew and Orange, nestlings in Tippecanoe), Ruffed Grouse (juveniles in Lawrence), Least Bittern (territories in Boone, Johnson and Kosciusko), Osprey (nests in Kosciusko and St. Joseph), Red-shouldered Hawk (nest in Clay, territories in Harrison, Martin and Vigo), Broad-winged Hawk (nests in Martin and Orange, territories in Harrison, Jackson and Lawrence), Virginia Rail (territory in Boone), Upland Sandpiper (territory in St. Joseph), American Woodcock (territory in Boone), Black-billed Cuckoo (territories in Boone and Marion), Barn Owl (nestlings in Lawrence), Loggerhead Shrike (nest in Orange), and Sandhill Crane (territory in Tippecanoe) (Table 2).

Figure 1 gives current species totals and previous record counts by county. Table 2 details tallies and efforts for each county. Species with breeding evidence are designated in bold type. Codes for breeding evidence, in order of importance, are: **E**, **e** - Eggs seen;

Y, y - Young at nest: J, j - Juvenile being attended by an adult; N, n - Nest contents empty or not seen; M, m - nesting Material being carried by adult; F, f - Food being carried by adult; T, t - adult showing signs of being Territorial. An upper-case letter indicates that the breeding evidence was noted during the count period (1 June - 31 July), while a lower-case letter indicates that it was noted outside the count period.

We would like to invite more participation next year. If you are already extensively birding an area in June and July, please consider submitting a Summer Bird Count. Compiling a Summer Bird Count should require little extra effort if a birder is already keeping track of bird numbers and observer effort. The Summer Bird Count has been contributing to our knowledge of Indiana's breeding birds since 1980. We would like to see half of the counties participating each year (or 46 counts). To participate, download the data form and instructions from the Indiana Audubon Website under Activities, or email akearns@dnr.in.gov.

Acknowledgments - Thanks to all participants (Appendix 1), especially those who submitted donations to help defray costs of publishing this count.

Literature Cited

Indiana State Climate Office 2011 – www.agry.purdue.edu/climate/

Vear	Counties	Observers	Species	Breeding	Individuals	Party	Party	No./ct	Pt-hrs/cnt	Pt-mi/cnt
1 cai	Counties	Obscivers	Species	Species	marviduais	Hours	Miles	110./61	1 t-III s/Clit	i t-iiii/Ciit
1980	12	41	143	-	21,252	235	957	1,771	20	80
1981	19	83	153	-	38,342	396	1,283	2,018	21	68
1982	29	123	181	92	77,198	552	2,686	2,662	19	93
1983	35	139	191	142	77,919	867	2,941	2,226	25	84
1984	39	184	197	138	85,105	1,068	4,128	2,182	27	106
1985	57	230	199	144	111,790	1,605	4,953	1,961	28	87
1986	60	220	204	138	114,605	1,530	6,550	1,910	26	109
1987	61	238	196	143	131,189	2,011	7,495	2,151	33	123
1988	63	218	185	134	144,666	2,018	8,144	2,296	32	129
1989	62	202	193	142	150,283	2,089	8,834	2,424	34	142
1990	59	191	199	147	124,927	1,957	9,813	2,117	33	166
1991	49	159	202	141	112,838	1,831	6,959	2,303	37	142
1992	46	194	200	144	96,492	1,026	4,904	2,098	22	107
1993	43	117	205	140	95,649	1,346	5,191	2,224	31	121
1994	42	192	210	146	124,294	1,475	6,922	2,959	35	165
1995	42	216	213	146	124,464	1,800	9,885	2,963	43	235
1996	38	184	212	150	116,276	1,323	8,077	3,060	35	213
1997	41	178	225	150	147,281	1,679	10,606	3,592	41	259
1998	41	203	217	147	142,308	1,657	9,317	3,471	40	227
1999	30	154	205	141	122,377	1,118	6,276	4,079	37	209
2000	39	160	189	140	138,267	1,396	7,635	3,545	36	196
2001	43	190	200	148	159,944	1,987	10,620	3,720	46	247
2002	38	158	198	146	122,347	1,210	5,648	3,220	32	149
2003	37	161	206	152	130,985	1,263	7,534	3,540	34	204
2004	41	195	206	146	192,036	1,931	9,313	4,684	47	227
2005	48	182	196	144	125,351	1,841	8,078	2,611	38	168
2006	23	85	171	139	59,103	993	3,013	2,570	43	131
2007	24	137	165	136	54,833	892	2,944	2,285	37	123
2008	18	56	142	103	29,341	418	1,236	1,630	23	69
2009	22	91	165	129	40,395	943	3,770	1,836	43	171
2010	27	86	177	131	56,860	1,087	3,670	2,106	40	136
2011	26	78	166	129	51,217	810	2,379	1,970	31	92
Total	1,254	5,045	285	188	3,319,934	42,355	191,760			
Mean	39	158	192	139	103,748	1,324	5,993			

Table 1. Annual summary of efforts and species tallied on the Summer Bird Count.

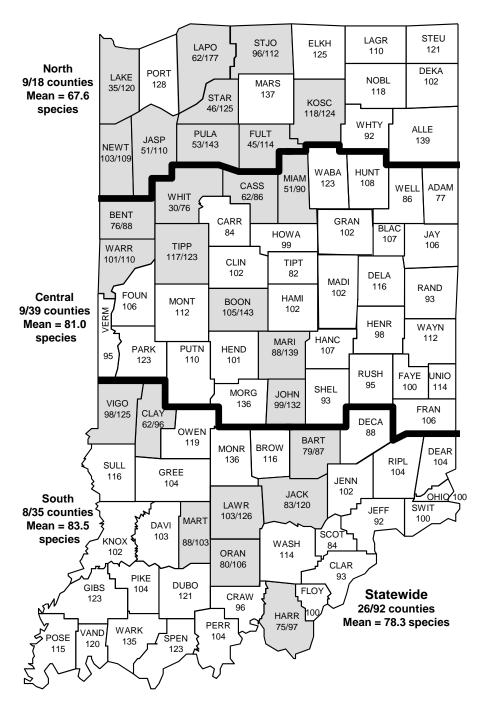


Figure 1. Current species totals and previous record counts by county.

Table 2 2011 Summer Bird Co	unt tolly																										
Table 2. 2011 Summer Bird Co ANNUAL BREEDERS	BART	BENT	BOON	CASS	CLAY	FULT	HARR	JACK	JASP	JOHN	KOSK	LAKE	LAPO	LAWR	MARI	MART	MIAM	NEWT	ORAN	PULA	STJO	STAR	TIPP	VIGO	WARR	WHIT	Total Areas
Pied-billed Grebe		1									1				1						7 J						10 4
American Bittern																		1									1 1
Least Bittern Great Blue Heron	1	45	2 T 40	1	5 T		4	3 T		1 T	2 T 18		6	5 T	27	5 T		5	5 N		32 N	-	43 N	22 T	7		289 19
Green Heron	1	3	9 T	2	2 T			<u> </u>		2	8		6	1	1	Ŭ,		2	8 T		15 T		5	10 T	2		77 16
Black Vulture							1							2 T					53								56 3
Turkey Vulture	12	7	53		20 T		11	11 T		8	22		70	114 T	9	25 T	2	53	8 T		15 T	18	35	154 T	20		667 20
Canada Goose Mute Swan	8	124	180 J		80 J					67 Y	41 Y 12 Y		248 J 6		69	9 J					131 J 8 J	25 J	577 J	445 J 2	35		2039 14
Wood Duck		75	23 J		20 J			13 J	1	45 Y	30 Y		2	21 J	12 J	12 T		26	10 J	1	35 J	2	37	39 J	79		483 19
Mallard		57	100 J	1	7 J	1		3 T		24 Y	40 Y		59 J	15 J	36 J		2	36			219 J		83	80 J	4	6	773 18
Blue-winged Teal																					2						2 1
Bald Eagle Sharp-shinned Hawk								1		4	3		1								1	1	4 y	3 2	1		13 5 8 5
Cooper's Hawk			5 T		2 T					3 Y	1		2	1	7 F			1	1		3 T	<u> </u>	7 Y	6			39 12
Red-shouldered Hawk			1		2 N		9 T			4	2		1	2	1	6 T			1				2	18 T	1		50 13
Broad-winged Hawk							2 T	3 T						4 T		2 N			5 Y								16 5
Red-tailed Hawk American Kestrel	1	5 4	11 Y 21 T	1	4 J 2 T		5 T	3 J		3 2 T	6		9	5 T 4 J	9 4 T	2 T		13		1	21 N	1	12 3	6 T 12 Y	3		122 19 78 16
Peregrine Falcon			211		21					2 1	0			4 3	2 J			3		-	4 e		3	12 1	3		6 2
Ring-necked Pheasant		68	1			3					2	1						32		1	6 T		9		2	4	129 11
Ruffed Grouse													40 :	5 J				40			50			40 .			5 1
Wild Turkey Northern Bobwhite	7	7	9 10 T		1 25 T	-1	7	2 5	2	8 5 T	27 Y	 	40 J	6 J 30 T		1 5		13	-1	1	53 J	8 J	22	13 J 25 T	5		216 16 138 17
Virginia Rail		,	3 T		20 1	-		J		3 1	-			30 1		3		,	-	-			- '	20 1			3 1
Sora			1																								1 1
Common Gallinule																					1 T		1				2 2
American Coot Killdeer	1	102	1 84 J	22	1 25 J	16	5	10 T	13	4 T	35	4	15	52 N	10	3 T	3	197	25 J	3	2 20 J		284 Y	65 Y	61	21	66 5 1025 25
Spotted Sandpiper		102	15 J	22	25 J	16	5	10 1	1	4 1	33	4	15	32 IV	2	3 1	3	4	23 3	3	6		9	17 T	- 6	21	59 10
Upland Sandpiper																					1 T		-			1	2 2
American Woodcock			1 T								1										1						3 3
Black Tern Rock Pigeon		6	80 N	2	3 N	- 1	5	21 N		17 N	26		94	8	58	2 N	2	5			11 T	1	21	168 T	39	- 1	1 1 570 20
Mourning Dove	32	104	206 E	57	40 T	41	19 T	35 T	36	82 N	37	25	320 J	107 J	67	32 T	6	73		35	114 T	47	68	280 J	9	16	1888 25
Black-billed Cuckoo		1	1 T												1 T			2							3		8 5
Yellow-billed Cuckoo	3 T		7 T	2	4		39 T	2		3 F	6			7 T	5 T	3 T	1	6	2 T		1	2	7	16 T	1		117 19 5 3
Barn Owl Eastern Screech-Owl			3 T		2 T			5 T			2			3 Y	- 1	2 T		1		-			1		1		17 8
Great Horned Owl		1	2					4 T			2												2 n		2		13 6
Barred Owl			1		2 T		1				2			2 T									2	7 T			17 7
Common Nighthawk Whip-poor-will			1				2 T				2				13 T			15			2 N		2	8 J			27 6 19 3
Chimney Swift	1	9	43 T	10	2	2	10	5 T	4	9 T	28		57 J	31 T	91	10 T	3	7		3	18 T	+	22	75 T	6	2	448 23
Ruby-throated Hummingbird		2	10 T	3	3 T		13 T	4 T		9 J	3	1	4	8 T	15 M	3 T		5	1	1	8 T		8	47 T	13		161 20
Belted Kingfisher	1		6		2 F			1 T		4 N	3		2	1	3	2		3			4 T		3	9 J	1		45 15
Red-headed Woodpecker Red-bellied Woodpecker	11 T	4	9 N 23 T	7	5 N 6 N	2	20 T 35 T	5 T	5 6	3 N 16 Y	3 6		3	7 N 26 T	8	6 F	2 5	31 18	2 J	3	3 N 22 T	11 N	9	22 J 29 T	6 7		152 19 263 23
Downy Woodpecker	5 T	2	19 E	3	4 T	2	8 T	3 T	2	8 Y	9		3	9 T	29	4 J	2	8	1	-	26 Y		9	27 F	6		187 22
Hairy Woodpecker			7 T		2 T		3			2	3			5 J	1	5 T		3	1		2		1	6	4		45 14
Northern Flicker	1 T	5	19 N	7	3 N	2	7	2 T	4	14 J	7		5	14 T	5	3 T		16	1	5	28 J	6	12	13 T	4		183 23
Pileated Woodpecker Eastern Wood-Pewee	3 T 14 T	3	3 29 T	5	13 T	2	17 T 54 T	1 T 20 T	7	6 T 17 J	13		1	2 T 43 T	1 8 T	7 T 26 T	8	1 29	5	6	25 T	1	6 17	16 F 43 N	11		69 15 398 22
Acadian Flycatcher	35 T	1	14	4	10 1		92 T	5 T		21 T	9			38 J	4 T	24 T	2	1	5		4		3	10 T	3		275 18
Alder Flycatcher			1																								1 1
Willow Flycatcher	10 T	2	16 F	1	4 T	4		2 T	1	8 T	12	2		3 T	2 T	3 T	1	6			17 T		4				98 18 2 1
Least Flycatcher Eastern Phoebe	7 T		10	1	5 Y		13 J	2 T		11 Y	2 T			13 N	7 T	6 N	1	3	1	2	9 T	-	4	28 Y	7		132 19
Great Crested Flycatcher	7 T		23 T	7	5 N	1	27 T	2 T	3	10 T	8	1		10 T	7	6 N	4	15	1	1	10 T	1	14	18 T	4		184 22
Eastern Kingbird	3 T	30	21 T	2	8 T		5	5 T	5	9 J	6	1	16 T	26 T	8 T	11 T		35	4	4	28 J	2 T	10	25 T	6		270 23
Loggerhead Shrike	22 T		3 T		6 T		23 T	1		21 T	3			10 T	8 T	16 T		_	5 N			<u> </u>	4	10 T			5 1 132 15
White-eyed Vireo Bell's Vireo	22 1		1 T		4 J		23 1	-1		21 1	3			10 1	8 1	16 1		3	-	-			7 Y	10 T	2		16 5
Yellow-throated Vireo	5 T		2	1	3		17 T	2 T		6 T	4			5 T	1	13 T	1	5	2		1		3	1 T	3		75 18
Warbling Vireo	9 T	8	19 T	8	13 T	2		5 T	5	11 T	16	6	1	28 T	8 T	10 T	3	28	1	1	37 T		17	22 T	6		264 23
Red-eyed Vireo	20 T	1 8	18 T 30 F	2	4 T 9 T	2	97 T 67	6 T 10 T	8	26 T	10 15	1	1 38 T	50 T	11 T	36 T 10 T	2	26	10 T	1 4	9 T	3 19 T	7 25	10 T 51 F	3 10		355 23 485 23
Blue Jay American Crow	6 11	34	70	34	20 T	36	92	10 T	19	31 Y 30 Y	15	4	38 I 141 J	20 J 58 T	20 30	39 J	3	26 25	5	8	71 J 92 J	28	71	51 F 169 J	24	3	485 23 1073 26
Horned Lark	<u> </u>	24	20	15	35 J	17		35 T	9	2 T	20	8	3	5 T		00 0		21	1 T	18	<u> </u>		10	38 J	5	15	298 18
Purple Martin		1	23 N		10 Y		4	20 Y		1 N	7		10 N	14 N		1		33	7 N			16 N		23 T			200 15
Tree Swallow	6	891	31 Y		1 5 N	4	—	9 N	2	15 Y	17	1	453	5 J	7	2		11	4 Y	1	278 J	46	23	103 J	6	1	1913 22 447 20
N. Rough-winged Swallow Bank Swallow	6	6	44 40 N		5 N	1	4		11	9	13	-	53	15 N	55	11 N		4 11	1	1	63 J	134	21 13	11 5 N	6 2		447 20 116 10
Cliff Swallow		7	6	14	51 N				5		-10	1		92 N	24	3 N	2			7	10 10		30 N	26 N	43		311 14
Barn Swallow	5	44	95 T	11	40 N	1	12	40 N	12	20 Y	43	5	91 M	49 J	44	12 T	3	91	10 J	7	59 J	84 N	67 N	95 J	25	15	980 26

Carolina Chickadee	2 T		29 M		17 J		77 J	12 T		15 Y				28 Y	38	12 J	2		5				12	57 J	5		311 14
Black-capped Chickadee Tufted Titmouse	7 T		31 T	9	8 T	2	91 T	20 J	5	29 Y	4 7		2 16 M	48 T	28 J	29 J	4	4 14	5	2	25 J 25 J	6 T	27	61 J	8		35 4 482 23
White-breasted Nuthatch	4 T		15 T	9	5 J		57 T	7 J	1	14 T	5		7 T	23 T	15	7 T	4	8	2		25 J	1	8	34 J	8		250 20
Carolina Wren	1 T		9 T	1	8 T		29 J	2 T		13 Y				11 Y	5 T	7 T			1		3		2	47 J	6		145 15
House Wren Sedge Wren	8 T	16	103 E	19	7 N	10		5 T	18	17 T	14	5		9 T	8 T	1	8	54 6	1 T	7	31 J	12 N	36 F	36 Y	8	1	434 24 13 7
Marsh Wren											3 T		34 J					2									39 3
Blue-gray Gnatcatcher	22 T		9	_	10 T	_	82 T	6 T		11 N	8	1	_	31 T	16	25 T	2	14	5		4 J		15	19 M	2		282 18
Eastern Bluebird Veery	1		20	5	9 Y	3	8	4 J	9	9 N	23 N		9	24 T	18 J	6 T	1	8	3	1	32 N	4 N	27 Y	46 Y	5		275 23 2 1
Wood Thrush	16 T		17 T	2	7 T		69 T		1	37 T	11			18 J	3 T	24 F		6	5	4	1		10	29 T	3		263 18
American Robin Gray Cathird	15 T		326 Y 46 M	100	50 F	101	32 J	35 F	105	38 Y	60	56	742 J	83 J 31 J	328 J	17 T	15	243 34	10	74	484 E 90 J	82 M	162 Y 37 F	252 J 36 F	27	75	3758 26 544 26
Northern Mockingbird	20 1	13	46 M	10	10 F	1	2	9 T	2	27 F 5 M	25 2	1	27 T	31 J 41 J	79 T 4	12 N	4	7	3	3 1	90 J	19 I 2	37 F	28 T	7	1	137 19
Brown Thrasher	5 T	8	19 T	3	11 F	4		10 T	7	14 F	7	2	4	16 T	7	2		9	2	1	14 E	1	13	22 T	6	1	188 24
European Starling	20	413	715 F 40 J	68 13	110 J 14 N	32	17 5	90 T 5 T	77 12	127 Y 2 N	64 17	18	688 J	282 F 10 T	392 J 81 J	38 J 10 T	8	695 16	200 J	74	692 E 78 M	75 M	111 22	360 J 23 J	65 4	57	5488 26 377 23
Cedar Waxwing Blue-winged Warbler	4 T		40 J	13	14 IN	3	4 T	2 T	12	2 N	1/	3	9	2 T	01 J	7 T	- '	16		3	70 IVI	3	1	23 J	1		24 9
Northern Parula	8 T		7	1	5 T		37 T	1 T		8 T	1			16 T	5 T	17 T	1		10				5	11 J	3		136 16
Yellow Warbler Chestnut-sided Warbler	14 T	5	17 Y	16	2 T	3	1			8 T	27	2	1	7 T	24 T	10 T	4	10	1	1	44 J		17	4	1	1	219 22
Yellow-throated Warbler	4 T		2	1			14 T	2 T		7 T	2			5 T	7 T	14 T		2	8		-		2	3			73 14
Pine Warbler							12 T									5 T			2 T								19 3
Prairie Warbler Cerulean Warbler	6 T 18 T				3 T		27 J 7 T	3 T		12 T	3			12 T 3 T	1 T	11 T 23 F			7					2 T			84 10 55 6
Black-and-white Warbler	2 T				1 T		1 F				J			01		6 T			1								11 5
American Redstart	42 T			1						12 T	11					5 F							4				75 6
Prothonotary Warbler Worm-eating Warbler	1 T				3 T		12 T 40 J	1 T		2 T 2 T	7			3 T 2 J		3 T 6 T			5 T					2	1		34 9 56 6
Ovenbird	1 T						50 J			9 T	3					20 F		3	6				5	1	2		100 10
Louisiana Waterthrush	8 T				3 T		15 T	5 T		2 T 8 T	,			2 T		10 J 27 T	1	4	25 F				1	1 T 2 M	1 2		33 8 160 13
Kentucky Warbler Common Yellowthroat	20 T	53	39 J	17	25 T	7	52 T 25 T	25 T	7	14 T	1 25	5	15 T	73 T	10 T	27 T	4	118	30 T	4	40 F	17 T	44	56 T	25	1	721 26
Hooded Warbler	3 T	-					18 T			8 F	2	_		5 T		15 T			13 J								64 7
Canada Warbler Yellow-breasted Chat	20 T		6 T		7 T		25 T	4 T		17 T	2			17 T		9 F		2	8				3	11 T	2		1 1 133 14
Summer Tanager	20 T		ьі		3 T		25 I 18 J	4 T		3 T	1			17 T	1	9 F		4	3				2	3 T	2		73 14
Scarlet Tanager	16 T		5 T		1 T		37 F			20 T	5			35 F	3	23 F		1	10	1	6 T		2	7 T	5		177 16
Eastern Towhee Chipping Sparrow	25 T	50 50	16 T 78 F	35	12 T 25 F	16	50 J 19 T	15 T 35 J	23	39 T 10 Y	5 21	17	21 J	29 T 42 F	4 T 27 J	25 T 21 F	11	30 65	5 T 10 J	22	20 T 63 J	5 M 6 T	9 68 M	38 T 96 J	3 15	9	342 21 805 25
Field Sparrow	21 T	29	29 F	5	23 J	4	15 T	15 T	7	14 T	10	- 17	4 T	53 J	8 T	24 J	2	49	10 3	5	47 F	13 E	35	24 J	24	3	460 23
Vesper Sparrow		49	8 T	17	5 J	15		7 T	13	1 T	13	6		1			3	37	1	13			34	6	8	17	254 19
Lark Sparrow Savannah Sparrow	3	6	20 T	1	2 T			8 T		2 T	8			6 J	4 T		1	9			7		7 Y 4		4		17 3 83 15
Grasshopper Sparrow		2	7 F		25 T			15 T		3 T	1			8 T				22	5 T		15 F		9	15 T	10		137 13
Henslow's Sparrow	29 T 13 T	72	00 E	24	14 T 40 F	21	эт	5 T	17	25 T 24 N	3	10	88 M	21 T	6 T	25 5	8	14 105	20 T	15	16 T 59 F	27 M	5 50	107 1	1 20	9	163 13 1036 26
Song Sparrow Swamp Sparrow	13 1	12	90 E	31	40 F	21	3 T	20 T	17	24 N	28 4	12	88 IVI	77 T	60 T	25 F	8	105	5	15	59 F	37 M	50	107 J	20	9	4 1
Northern Cardinal	18 T	33	92 J	26	28 J	11	45 T	15 T	9	37 Y	16	15	112 N	66 J	46 J	24 T	7	36		9	98 J	20 F	60 Y	179 Y	9		1011 24
Rose-breasted Grosbeak Blue Grosbeak	1 T	1	6 T	3	9 J			5 J	5	2 T	6	1	2	27 T		7 T	1	12 7	5 J	2	15 T	2 F	3 5	6 T	2		69 16 73 10
Indigo Bunting	40 T	77	140 T	29	70 T	9	83 J	60 T	12	48 T	36	7	23 T	109 F	24 M	63 F	6	93	20 T	7	36 F	25 F	76	125 T	29	8	1255 26
Dickcissel	9 T	117	28 J		95 T			50 T	4	5 T	8	2		65 T	3 T			114	6 T	7	35 T		43	81 T	25	2	699 19
Bobolink Red-winged Blackbird	10 T	1 294	1 379 E	91	1 T 90 J	27	7	90 F	70	3 T 39 J	6 37	25	379 T	7 T 110 J	59 J	18 J	5	9 406	110 T	52	24 Y 282 N	40 T	3 211	267 J	4 140	46	70 12 3309 26
Eastern Meadowlark	4 T	66	56 T	13	45 T	1		20 T	8	8 T	13	4		65 T	1	2 T		59	4	7	18 F	1	24	47 F	23		489 22
Western Meadowlark	9	500	193 J	60	65 F	39	47 T	50 F	38	7 N	25	20	247	61 J	400 1	00 1	_	4 211	102 J	00	400 1	41 F	93	95 J	28	98	4 1 2530 26
Common Grackle Brown-headed Cowbird	11	566 72	70 E	26	25 T	23	62 J	20 T	29	14 T	35 25	36 7	46	44 T	166 J 17 J	28 J 19 T	5	81	102 J	26 26	188 J 72 J	41 F	76 Y	95 J 58 J	49	34	2530 26 921 25
Orchard Oriole	1	8	9 F	1	12 T		11 T	7 T		6 T	1		6	24 T	7 J	14 T	1	21	2		4		6	19 T	2		162 20
Baltimore Oriole House Finch	- 1	5 7	26 N 29 T	3	17 T	3	12 T	10 T	4	6 F	9	6	18 T	13 Y 9 J	11 10 T	3 T 5 T	3	23 12		3 5	39 N 19 T	2	11 T	33 Y 29 J	7		236 21 200 21
American Goldfinch	17 T	41	72 T	28	25 T	2	49 T	7 T	11	27 Y	20	0	53 J	55 T	44 T	11 T	1	85	7 T	2	99 N	13 M	47	107 J	31	2	856 25
House Sparrow	35	118	128 T	49	35 N	37		30 N	30	25 J	21	16	191 F	74 N	62	12 N	18	127	20 N	18	82 T	22 F	94	136 Y	36	24	1440 25
INFREQUENT BREEDERS Double-crested Cormorant															11						3		1				15 3
Great Egret			3										2		1						9		1	102			118 6
Cattle Egret											_												3				3 1
American Black Duck Hooded Merganser	8 J		2								3								2 J		\vdash		1 Y				3 1 15 5
Red-breasted Merganser										1									_ "								1 1
Osprey Mississippi Kita											2 N			1	1						24 Y		2				28 4
Mississippi Kite Northern Harrier																										1	1 1
Sandhill Crane											9		4										2 T		2		17 4
Ring-billed Gull											22		155		2			49			11						239 5

n Tern			.		<u> </u>	ļ			<u> </u>				1	<u> </u>	ļ	<u> </u>	<u> </u>					<u> </u>			<u> </u>		 1
Collared-Dove			14		1																						15
roated Green Warbler																									1		1
AR NON-BREEDERS																											
n Avocet		4																									4
Yellowlegs		4									1							3									8
ellowlegs		30									2							3					3				38
Sandpiper		8	8								4			7				1	7		1		26		2		64
nated Sandpiper		1	3								2																
ndpiper		10	7								1			1				4	3				9		1		30
Sandpiper		13																					4		1		18
																		1									
dpiper		1																									
Snipe																		1									
Tern																							1				
oated Sparrow															2												
ecies	79	76	105	62	93	45	75	83	51	99	118	35	62	103	88	88	51	103	80	53	96	46	117	98	101	30	16
ividuals	836	4144	4503	915	1515	514	1997	1063	697	1462	1348	307	4671	2834	2381	1114	191	3923	911	514	4429	914	3313	5061	1186	474	5121
mber of Parties	BART 1	BENT 1	BOON 2	CASS 1	CLAY 1	FULT 1	HARRI 1	1	JASP 1	JOHN 4	KOSK 1	LAKE 1	LAPO 1	LAWR 2	MARI 3	MART 1	MIAM 1	NEWT 1	ORAN 2	PULA 1	STJO 21	STAR 1	TIPP 9	VIGO 7	WARR 2	WHIT 1	Total 6
mber of Observers	2	1	4	1	1	1	1	1	1	6	2	1	1	2	3	1	1	1	2	1	21	1	9	10	2	1	78
es - Foot	1	1.6	21.3	0.2	5	0.15	52		0.2	20	16	0.15	1.5	5	32.5	5	0.1	9.6		0.15	95.5	3	18.3	45.5	4.5	0.15	338.3
es - Car	30	78.8	470	20	110	11	7	60	17	102	70	7.5	28	145		155	4	152	20	13.3	197	10	75.3	128	18.1	11.8	194
es - Other (see below)		11 b								1 bc	53 b							10.2 b			26 b		1.3 b				102.
es - TOTAL	31	91.4	494	20.2	115	11.2	59	60	17.2	123	190	7.65	29.5	150	32.5	160	4.1	172	20	13.4	319	13	37.9	174	22.6	11.9	237
urs - Foot	4	6.87	52.4	2.05	5	1.15	48.5		1.75	66	23	0.8	2	1	41	5	0.45		4	1.35	113	3	38.3	50	5.25	1.25	476.
urs - Car	6	5	33.2	1.17	22.3	0.79	5	10.5	1.01	26	24	0.31	1	21		28.5	0.35		4	0.71	55.8	0.5	7.3	20.5	1.6	0.7	277.
ırs - Other (see below		6.5								1 bc	16 b		3								5 b		0.6 b				32.
ırs - TOTAL	10	18.4	85.5	3.22	27.3	1.94	53.5	10.5	2.76	93	47	1.11	3	22	41	33.5	0.8	39.5	8	2.06	178	3.5	46.2	70.5	6.85	1.95	810.
ure/Grassland	1	2.58	12.7	0.3	8.3	0.23	0.5	2	0.06	6	3	0.02		5		0.5	0.06		2	0.2	19.5		14	11	0.9	0.32	90.
ulture Cropland		3.55	14.8	1.3	10	0.96		4	1.84		10	0.66		3.75		0.5	0.18		1	0.93	5		4.06	3	1.42	1.23	68.1
y Fields	3	2.63	16	0.6	5	0.23	4	1	0.24	23	2	0.04		5	4	1	0.17			0.35	5.5		2.7	4	1.08		81.5
uous Woodlands	4	0.61	19.7	0.4	2	0.23	33.5	2	0.14	36	6	0.05		7	8	29.5	0.16		4	0.2	38.5		4	37	0.93		233.
erous Woodland			0.25		1		2							0.25							5						8.
nes/Swamps		3.28	11.8							1	10				2.5	1					19		16	1.5	0.25		66.2
s/Ponds	1	3.93	5		1		0.5			3	5				6.5				1		6.5			3	1.9		38.3
s/Streams	1	0.73	4.1	0.3		0.06	5	1.5	0.05	21	5	0.03		1	10.5	1	0.18			0.2	7.25		2.31	5	0.58	0.11	66.9
n/Suburban/Parks		1.07	1.37	0.32		0.23	8		0.42	3	6	0.31			9.5		0.06			0.19	21.8		3.1	6	0.13	0.29	61.74

Appendix 1. Summer Bird Count Participants by county during 2011 with the addresses of compilers in parentheses.

Bartholomew – Karl Werner (209 Moccasin Court, Greenwood, IN 46142), Mike Clay.

Benton - Ed Hopkins (Dept. Forestry & Natural Resources, Purdue University, West Lafayette, IN 47907).

Boone - Roger Hedge (2605 Elizaville Rd., Lebanon, IN 46052), Ed Hopkins (Dept. Forestry & Natural Resources, Purdue University, West Lafayette, IN 47907), Cloyce Hedge, Steve Housefield.

Cass - Ed Hopkins (Dept. Forestry & Natural Resources, Purdue University, West Lafayette, IN 47907).

Clay - Amy Kearns (Dept. Natural Resources, 562 DNR Rd., Mitchell, IN 47446).

Fulton - Ed Hopkins (Dept. Forestry & Natural Resources, Purdue University, West Lafayette, IN 47907).

Harrison – Del Striegel (40 Georgetown-Lanesville Rd., Georgetown, IN 47112).

Jackson – Amy Kearns (Dept. Natural Resources, 562 DNR Rd., Mitchell, IN 47446).

Jasper - Ed Hopkins (Dept. Forestry & Natural Resources, Purdue University, West Lafayette, IN 47907).

Johnson – Karl Werner (209 Moccasin Court, Greenwood, IN 46142), Jay Bolden, Steve Elliot, Tom Hougham, Brad Jackson, Chuck Lunsford.

Kosciusko – Bruce Ruisard (418 N. Parks-Schram Rd., Warsaw, IN 46580), Luke Young.

Lake - Ed Hopkins (Dept. Forestry & Natural Resources, Purdue University, West Lafayette, IN 47907).

LaPorte – Elizabeth McCloskey (1602 Michigan Ave., LaPorte, IN 46350).

Lawrence – Amy Kearns (Dept. Natural Resources, 562 DNR Rd., Mitchell, IN 47446), Noah Kearns.

Marion –Miles Zevin (700 N. Alabama, Apt. 1005, Indianapolis, IN 46204), John Munshower, Katina Sarris.

Martin - Amy Kearns (Dept. Natural Resources, 562 DNR Rd., Mitchell, IN 47446).

Miami - Ed Hopkins (Dept. Forestry & Natural Resources, Purdue University, West Lafayette, IN 47907).

Newton - Ed Hopkins (Dept. Forestry & Natural Resources, Purdue University, West Lafayette, IN 47907).

Orange - Amy Kearns (Dept. Natural Resources, 562 DNR Rd., Mitchell, IN 47446), Noah Kearns.

Pulaski - Ed Hopkins (Dept. Forestry & Natural Resources, Purdue University, West Lafayette, IN 47907).

St. Joseph – Louise Fessenden (P.O. Box 303, Notre Dame, IN 46556), Tony Baldoni, Trice Berkley, John Davis, Dick Fessenden, Robert Fessenden, Robert Frank, Laura Fuderer, Becky Gute, Bert Harrison, Julia Mast, Lindsay Namestnik, Scott Namestnik, Vic Riemenschneider, Marge Riemenschneider, Nancy Ries-Morrison, Carole Riewe, Vicky Rydzynski, Jim Spier, Rose Tinder-O'Brien, Joan Tweedell.

Starke - Elizabeth McCloskey (1602 Michigan Ave., LaPorte, IN 46350).

Tippecanoe – Barny Dunning (7509 North 75 East, West Lafayette, IN 47906), Ed Hopkins (Dept. Forestry & Natural Resources, Purdue University, West Lafayette, IN 47907), Russell Allison, Wes Homoya, Ed Hopkins, Matt Krauscher, John Skene, Susan Ulrich, Ning Wu.

Vigo - Mary Beth Eberwein (2414 N 7th St., Terre Haute, IN 47804), Amy Kearns (Dept. Natural Resources, 562 DNR Rd., Mitchell, IN 47446), Ann Black, Bruce Black, Marty Jones, Brenda Milliren, Phil Milliren, Henry Tamar, Margaret C. Tamar, Stephanie Taylor.

Warren – Ed Hopkins (Dept. Forestry & Natural Resources, Purdue University, West Lafayette, IN 47907), Susan Ulrich (11907 E 500 N Otterbein, IN 47970).

White - Ed Hopkins (Dept. Forestry & Natural Resources, Purdue University, West Lafayette, IN 47907).

2011 Birder's Lists

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There were more list reporters this year than last. Forty-three people submitted at least one list. The most popular list to be submitted was the Indiana Life list. Thirty-six lists were sent to the editor. The deadline for the 2012 list report will be February 1, 2013. Several people wrote about planned birding trips in 2012. There should be many lists for 2012 that go up a lot. Good luck to all of you.

2011 Birder's Life Lists

World

The World list is simply a compilation of the bird species seen anywhere in the world. The total possible on this list is around 10 000. The top world lister was again Bob Walton with 8102. There was not even a close second. Bob is one of the top listers in the world. He added 73 in 2011. He was 10th on the lists reported to ABA. He also does not include heard only birds. Barny Dunning birded last year in Hawaii, Finland, and Estonia. He saw 6 species of Hawaiian Honeycreepers and increased his total by 24.

8102	Bob Walton	851	John Kendall
3630	Larry Peavler	778	Roger Hedge
3201	Tim Keller	774	Ed Powers
2479	Pam Keller	745	Scott Arvin
2114	Jim Hengeveld	712	Sam Plew
2109	Susan Hengeveld	702	Richard Patterson
2107	Marjorie Carmony	663	Jay Bolden
1972	Chuck Mills	526	Richard Wiesler
1268	Elvin Wilmot	357	Marietta Smith
1191	Barny Dunning	320	David Ayer
974	Gordon Chastain		

North America

This list covers the region that is north of the Columbian-Panamanian border and includes the Caribbean. It is similar to the AOU list but does not include Hawaii. The top lister is Bob Walton with 1698. That represents about 87% of the possible species. To get a large North American list a birder has to be serious about birding in Central America, Mexico, and the Caribbean as well as the ABA area.

1698	Bob Walton
1177	Chuck Mills
1124	Bill Buskirk
803	Gordon Chastain
717	Ed Hopkins
511	Elvin Wilmot
469	Richard Wiesler
402	Brad Bumgardner

ABA (Canada and the United States)

There is often some confusion about North American lists. This list covers only the US and Canada. It includes Alaska but not Hawaii. Both the movie and the book The Big Year were covering an attempt to set the record for the most species seen within this region in one year. There were 969 species on last year's official ABA list. Larry Peavler with 870 is far ahead of everyone else reporting from Indiana. He was 6th on the 2011ABA report. He increased his list by 6 last year. All 6 were the result of new sightings rather than splits. He stated that the greatest one was the Oriental Turtle-Dove that he saw at Gambell in Alaska.

870	Larry Peavler	622	Sam Plew
763	Mark Rhodes	617	Gordon Chastain
763	Bob Walton	615	Barny Dunning
760	Jim Hengenveld	613	Steve Doud
754	Jim Haw	609	Peter Scott
746	Susan Hengeveld	580	Scott Arvin
716	Ed Hopkins	575	Pam Keller
699	Tim Keller	566	Jay Bolden
699	Ed Powers	489	Amy Kerns
692	Marjorie Carmony	474	Richard Patterson
675	Chuck Mills	467	Richard Wiesler
672	Cynthia Powers	454	Larry Carter
660	John Cassady	442	Elvin Wilmot
638	Bill Buskirk	321	Brad Bumgardner
637	John Kendall	320	David Ayer
635	Roger Hedge	310	Marietta Smith
626	Lou Anne Barriger	255	Perry Yoder

Indiana

Tim Keller again led this list with 383 he increased his list by 4. Ed Hopkins added three and moved to 381. There were 36 people who reported Indiana lists. With the surge of rarities into Indiana over the past few years is a 400 species Indiana life list a possibility? There are 418 species on the official Indiana list with 3 being considered extinct and 4

extirpated. So there are 411 possible. Two of the extirpated species have been seen by many Indiana birders, the Trumpeter Swan and the Whooping Crane. Maybe someday they will both be moved off the extirpated list and become countable again. Jim Haw said that he added the 4 rarities that most birders saw and he wants to keep the rarities coming. Gordon Chastain set a milestone with the Long-tailed Jaeger being his 300th Indiana life list bird.

383	Tim Keller	309	Bill Buskirk
381	Ed Hopkins	308	Cynthia Powers
371	Larry Peavler	306	Marjorie Carmony
369	Jim Haw	303	Marty Jones
365	John Cassady	303	Bob Walton
365	Peter Grube	302	Gordon Chastain
363	Don Gorney	302	Amy Kerns
361	Mark Rhodes	295	Elvin Wilmot
356	Michael Brown	293	Barny Dunning
352	Jim Hengeveld	292	David Ayer
352	John Kendall	291	Peter Scott
348	Steve Doud	285	Sam Plew
346	Roger Hedge	283	Larry Carter
346	Ed Powers	279	Bob Decker
342	Susan Hengeveld	272	Evan Speck
340	Chuck Mills	263	Marietta Smith
335	Pam Keller	261	Richard Wiesler
322	Lou Anne Barriger	226	Jay Bolden
313	Brad Bumgardner		

Indiana County

There were reports from 32 Indiana counties this year. The county with the most reported lists was Porter with 6. Porter was closely followed by Gibson, Lake, and Marion with 5 reports. The county list is a more restricted list. The list is limited to species seen in one Indiana County. Some counties are blessed with a wide variety of habitat such as Gibson or the counties along the lake front. Some in the great corn desert mostly have farm fields with little opportunity for a diversity of species. The top list is 319 by Chuck Mills for Gibson County. The second place list is John Cassady's 310 from Lake County. Those were the only lists that went over 300 for a county. What is amazing to me is the number of people who have large lists from numerous counties. Jim Haw again led with the most counties reported with 10 and all were 200 species or more. He probably has lists for more than 10 because he calls these his major counties. This is very impressive. Ed Powers and Richard Wiesler reported lists for 9 counties.

Allen	290	Jim Haw	Monroe	295	Jim Hengeveld
	266	Ed Powers		199	Richard Wiesler
				197	Amy Kerns
Boone	252	Roger Hedge			•
			Newton	223	Jim Haw
Brown	276	Jim Hengeveld		168	Ed Powers
	111	Richard Wiesler			
			Noble	200	Jim Haw
Elkhart	233	Jim Cassady			
			Orange	186	Amy Kerns
Gibson	319	Chuck Mills			
	258	Marietta Smith	Posey	119	Evan Speck
	220	Evan Speck	-		
	211	David Ayer	Porter	297	John Kendall
	202	Amy Kerns		294	John Cassady
				255	Jim Haw
Greene	222	Amy Kerns		232	Ed Powers
	164	Evan Speck		245	Brad Bumgardner
				12	Richard Wiesler
Hamilton	221	Mark Rhodes			
	202	Richard Wiesler	Randolph	200	Larry Carter
Hancock	151	Don Gorney	Rush	162	Marjorie Carmony
Huntington	250	Jim Haw	St Joseph	214	John Cassady
	182	Ed Powers			
			Spencer	253	David Ayer
Johnson	125	Jay Bolden			
			Steuben	242	Jim Haw
Lagrange	240	Jim Haw		170	Ed Powers
	166	Ed Powers			
			Tipton	162	Elvin Wilmot
Lake	310	John Cassady			
	298	John Kendall	Union	263	Bill Buskirk
	252	Ed Powers		118	Richard Wiesler
	248	Jim Haw			
	5	Richard Wiesler	Vanderburg	148	Evan Speck
La Porte	282	John Cassady	Wabash	261	Jim Haw
	257	Jim Haw		209	Ed Powers
	198	Ed Powers			
	4	Richard Wiesler	Warrick	221	Chuck Mills
				127	David Ayer

Lawrence	196	Amy Kerns			
			Wayne	249	Bill Buskirk
Marion	286	Larry Peavler		137	Richard Wiesler
	258	Mark Rhodes			
	237	Don Gorney			
	191	Richard Wiesler			
	166	Jay Bolden			

Property Lists

The property list covers all species seen while standing on your land. The size and length of time birding you place greatly affect the possibilities. Amy and Noah Kerns who just moved in to their home last year increased their total from 67 to 107. That was a jump of 40. Jim and Susan Hengeveld have one of the largest property lists in the United States. It helps to have two excellent birders living in excellent habitat' however they increased their list by only one. Terry Ballenger saw two Bald Eagles fly over his house in an old residential area of Noblesville raising his property list to 101.

255	Jim and Susan Hengeveld
177	Steve Doud
160	Marietta Smith
159	Marjorie Carmony
125	David Ayer
122	Chuck Mills
107	Amy and Noah Kerns
101	Terry ballenger
49	Terry Wise

2011 Birder's Year Lists

World Year List

Only 3 people reported world year lists. These contained smaller numbers than last year.

460	John Kendall
382	Chuck Mills
258	Elvin Wilmot

ABA Year Lists

Some people take the ABA year list very seriously. This is the list being worked on by the birders in the movie and the book The Big Year. In most years the ABA reports some lists near or even above 700. A big year for an Indiana birder involves not only birding

heavy in Indiana but also going to south Texas, south Florida, southeast Arizona, maybe Alaska, and doing several pelagic trips. All this would have to be done in one year. To even get over 400 involves some serious birding.

Tim Griffith wrote that his ABA year list was 33 below his average. There is a good reason for this because he spent 15 weeks on crutches. Five of those weeks were during May and June.

402	John Kendall	295	Ed Powers
392	Jim Hengeveld	281	Tim Griffith
385	Susan Hengeveld	276	Lynn Daugherty
326	Chuck Mills	256	Dave Fox
323	Sam Plew	121	Elvin Wilmot
302	Amy Kerns		

Indiana Year Lists

Nineteen Indiana year lists were submitted. John Kendall again had the largest. He tied the 295 that he had for last year. Amy Kerns increased her year list from 276 to 289 and made a run at topping John. Several lists have topped 300 in the past. The record is 312 species which was accomplished by John Kendall a few years ago. To work on an Indiana Big Year a birder must bird both the Lake front and southwestern Indiana. They must spend a lot of time at Miller Beach, Kankakee Sands, Eagle Creek, Goose Pond, Cane Ridge and other bird magnet areas. INBIRD is a great resource for any Big Year birders. Any list over 250 for a year in Indiana is very impressive.

295	John Kendall	245	Brad Bumgardner
289	Amy Kerns	234	Tim Griffith
286	Ed Hopkins	225	Chuck Mills
276	John Cassady	223	Ed Powers
272	Bob Decker	218	Dave Fox
266	Evan Speck	209	Perry Yoder
264	Sam Plew	208	David Ayer
257	Jim Hengeveld	199	Cynthia Powers
254	Mark Rhodes	104	Elvin Wilmot
250	Susan Hengeveld		

Indiana County Year Lists

There were 16 county year lists reported. This is up from only 8 reported last year. John Kendall had the top one with 259 for Lake County. He might have a record big year for an Indiana county. He also had second place with 250 from Porter. Both Amy Kerns and Evan Speck reported lists for 5 counties.

Gibson	213	Evan Speck	Porter	250	John Kendall
	205	Chuck Mills		217	Brad Bumgardner
	167	Amy Kerns			
Greene	202	Amy Kerns	Posey	117	Evan Speck
	154	Evan Speck			
			Tipton	53	Elvin Wilmot
Lake	259	John Kendall			
			Vanderbugh	142	Evan Speck
Lawrence	181	Amy Kerns			
			Warrick	196	Evan Speck
Monroe	176	Amy Kerns		157	Chuck Mills
Orange	162	Amy Kerns			_

Other Lists

Amy Kerns who is pregnant with her first child is keeping a pregnant list. It was 197 species ABA at the end of the year. John Kendall has photographed 316 species in Indiana.

Marty Jones has photographed all of the 303 species that he has seen in Indiana. John Cassady has photographed 584 species in the ABA area.

Charles and Sharon Sorenson had a Big Year on their 3 acre property. They saw 114 species on their 3 acre patch last year. Chuck Mills had 77 species on his 100 by 200 foot wooded lot.

The Indiana Audubon Quarterly is the official publication of the society. A limited, printed version and a web copy (http://www.indianaudubon.org/) of the Quarterly are available to members. The web version contains more in-depth information, and articles that are greater than 10 pages in length as a general rule. You are invited to publish your field notes and articles concerning wildlife or conservation. Material for publication should be sent to the Editor at: jeffro595@yahoo.com. Articles and papers should be computer generated, preferably using Microsoft Word. All dates should conform to scientific journal date format – date, month, year (e.g. 22 July 2010 not July 22, 2010). In matters of bird nomenclature, please conform to the 7th edition of the American Ornithologist's Checklist and its supplements. Art work and photographs are encouraged but must be of sufficient quality suitable for publication, typically >300 dpi.

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